- Version: 3.1.0
- Company: Jabsoft (http://www.jabsoft.com)
- Sales and Offers: Model Advisor (http://www.modeladvisor.com)

Copyright ©2010 Model Builder for Excel is a registered trademark of JABS. All rights reserved.

- <u>Version</u> :3.1.0
- <u>Company</u> : Jabsoft (http://www.jabsoft.com)
- <u>Sales and Offers</u> : Model Advisor (http://www.modeladvisor.com)

Version 1.3

New Tool(s):

• Consolidate ranges:

With this tool you can consolidate information of precedent ranges from different sheets in only one range.

• Cells references tracker:

This tool has been modified for visualizing with bigger detail the detections of precedents and dependents.

• Quick references changer:

With this tool you will be able to modify in your formula the references towards a determined cell by references towards other specific cell.

Fixed bug(s):

- Link's manager Enhanced functionality.
- Chart Analysis Corrected algorithm.

Version 1.3.2

• Cell's watcher Enhanced functionality.

• In block formulas analyzer

A new function to apply Highlights and another to clear arrows, gridlines and highlights has been added.

• Toggle settings

Toggle settings, regrouping buttons for a bigger versatility.

• The distribution of the buttons in the ribbon has been improved.

• Chart analysis Depuration about routines of creation and graphic retrieval.

Version 1.3.3

- Cells references tracker Improvement of the Navigation's algorithm among cells
- Erase auditing arrows Enhanced functionality.
- Cells references tracker Corrected algorithm.

Version 2.0.0

• **Categorize database** An option to create dynamic tables has been added in the form categorize database. • The option categorize database has been modified to allow the visualization of categories per colors.

Version 2.0.1

• Name's manager

The function to select several names at the same time has been added, allowing Delete, hide and make visible only the selected names.

• Toggle settings

New validations have been made in order to avoid delays in the loading of the form.

Version 2.1.0

• Name's manager

New validations for external links' detection with errors have been added. New option for detection of names not used

Sheets manager

The tool available to copy the themes of colors in Excel 2007 has been modified.

• Copy colors from

The tool available to copy the themes of colors in Excel 2007 has been modified.

Version 2.2.0

Consolidator

Now, you can consolidate sheets of closed workbooks.

Version 2.3.0

- New wizard for the 'Consolidator' tool.
- Now, it consolidates unlimited closed workbooks and unlimited sheets (limited by the computer memory only).
- New wizard for the 'Multi-sheets consolidator' tool.
- Now the Muti-sheets consolidator allow you consolidate sheets with the same name.

Version 2.4.0

Format settings

This tool allows the administration of settings in order to "Format date", "Format currency" and "Format number".

A panel has been added to the version 2007 to improve the access and navigation on the following tools (cells references tracker, model navigator, cells watcher)

Version 3.1.0

New Tool(s):

- Quick Styles
- Quick Styles- Settings
- Autoformat

- Images
- View in active book chart
- Add labels
- Move labels
- Add images
- Resize charts
- Manage Comments

Model Builder for Excel is a registered trademark of JABS All rights reserved - 2010.

D

- Model Builder for Excel
 * ×

 *
 Fx * Adv * Wiz * Audit * Navig * Ts *
 - Camera and Camera settings
 - Copy Color from another book Change color palette
- Add to recents file's list
- Erase history of files
- Fast close
- Fast close Settings

Tools bars [T. Bars]

- Show Quick edit bar
- stranslation bar
- Show MB Auditor bar
- Show Model Navigator bar
- Show Fast close bar
- Show Miscellaneous bar
- 🚺 Show Formula tools bar
- Show Wizard bar
- Show advanced bar
- Generation Show Comments bar
- Show Recalc all open books bar
- (a) Show Rebuild arrays bar
- Close Excel Model Builder
- Formulas [Fx]
 - Quick references changer
 - Exact formula copier
 - Swap ranges
 - Advanced transposer
 - Copy range as link
 - Copy multiple selections
 - 99 Cut as values
 - 🎐 Flip cells
 - Change sign
 - "%" Swap % to number
 - Change to text | number



Advanced [Adv]

- Spreadsheet goal seeker
- Breakeven
- Models panel
- Consolidator
- Multi-sheets Consolidator
- Detailed Consolidation
- Multi sheet database / consolidator
- Complex formula's consolidation
- Multiple conditional analysis & formatting
- Conditional text
- Consolidate ranges
- Categorize database

Wizards [W]

- 📲 Multiple IF
- **?** Waited average
- Formula's error
- Ell's math by format /by logical criteria
 - Cells math by logical criteria models
 - Cell's math by format models
- Conditional Sum & Count
 - SUMIF
 - COUNTIF
- 💼 Quick fill
- Concatenate cells
- 🚈 Get cell's value
- Dintersect

Auditor

- 😫 Link manager
- Name manager
- 4 Auditor SpreadSheet Map
- Test & Highlights
- Auditor Trouble Test
- Cell's reference tracker
- Error's tracker
- Circular reference tracker

Reference analyzer

- In block formula's analyzer
- Trace multiple precedents
- Remove multiple precedents
- Trace multiple dependents
- Remove multiple dependents

- Erase auditing arrows
- Show MB Auditor bar
- Show hide formula's translation bar
- Show Comments bar
- 😳 Revision Bar

Navigator [Navig]

- Model navigator
- Cells watcher
- My favorites
- Sheets manager
- Workbooks manager
- Io do list
- Version manager
- Password list
- Password list settings
- Tools
 - Toggle Settings
 - Freeze | Divide Panes
 - duides
 - Arrange Windows
 - Easy Print
 - ③ Set alarm
 - Arithmetical calculator
 - I Select by format
 - 🔍 Easy search
 - Easy search By text
 - Easy search By format
 - Easy search By logic criteria
 - Add / remove text
 - Add / text as number format
 - Custom cells alignment
 - x^a Superscript / Underscript



Model Builder - Panel

Install Model Builder for Excel - Panel

Find & Select

- Clear
- Insert symbols

Quick Styles Panel

hsert

Iterative tools

- Format currency
- Format number
- 5 Format percentage
- Format date
- Pick up formatting options
- Apply formatting options
- Format cell's width
- Unhide/hide rows
- Format cell's height
- Unhide/hide columns
- Add note
- Draw a circle
- A Superscript Explanatory
- A¹ Superscript Explanatory 2
- Borders format
- Change horizontal aligment
- Fill color
- A Font color
- ≡ Cells alignment
- A Increase font size
- A Decrease font size

Quick edit

- Insert rows Insert columns
- insent colum

Delete rows
 Delete columns
 Fill downward
 Fill rightward
 Fill the highlighted range
 Easy select
 Paste formatting
 Paste formulas
 Paste values...
 Autoformat

Quick edit2

- Add any mathematical operation
- Cell's math with selected cells
- Advanced transposer
- Change reference style
- Exact formula copier
- 📒 Change sign
- Quick references changer
- Swap ranges
- Copy range as link
- Custom cells alignment
- Select visible cells
- Decrease indent
- There are indent
- **Increase decimal**
- Decrease decimal

👆 Formulas [Fx]

- Cut as values
- 🛃 Flip cells
- Swap % to number
- Change to text | number
- Formulas to values
- Select by format
- Add / remove text
- Add / text as number format
- Quick mathematics
- Bormula's error
- Superscript / Underscript

Wizards [W]

Analytical tables

- 📻 Cell's math by format /by logical criteria
 - Cells math by logical criteria models
 - Cell's math by format models
- Categorize database
- B Multiple conditional analysis & formatting

Conditional text

Consolidation tools

- Math between sheets
- Consolidator
- Detailed consolidation What-If Analysis
- Spreadsheet goal seeker
- Breakeven
- dia models panel
- Waited average
 - Conditional Sum & Count
 -SumIF
 -CountIF
- Concatenate cells
- Indirect reference
- 1 intersect
- 🔩 Multiple IF
- Quick fill

Audit

- Analysis
- Chart analysis
- Formula's translation
- Name manager Excel name manager Define names Create from selection..
- 🚹 Decompose Formula
- Error's tracker
- Circular reference tracker
- Link manager
- Compare ranges
- 🔖 Easy search
 - Easy search By text
 -Easy search By format
 - Easy search By logic criteria
- 🕼 Show formula
- Evaluate formula
- 🔯 Wacht window
- Misc
- Trace multiple precedents
- Trace multiple dependents
- Erase auditing arrows
- Cell's reference tracker Model Navigator - Panel
- Cell's reference tracker Panel Cell's watcher - Panel
- Cells watcher
- In block formula's analyzer

Document

- Eliminate comments of the selected range Ē. Show/hide all comments Change comments color hanage Comment
- New comment
- Tools settings
- Camera and Camera settings
- Format settings
- Format currency
- # Format number
- 5 Format percentage
- 51 Format date
- Fill settings
- 🕂 Guides
- Ð Set alarm
- Theme colors
- Change color palette
- ••• Copy Color from another book
- Arithmetical calculator
- a Show Rebuild arrays
- 📒 Charts labels Images Create charts
- î 📭 View active book charts
- P Add label
 - Move label
- * Add images
 - Resize charts
- R Export to
- 1 Copy & paste chart format
- <u>ک</u> Save chart format
- CLock cell

Tools

- 💿 Camera
- Sheets manager
- 😑 Easy Print
- Joggle Settings
- Freeze | Divide Panes
- 🖶 Arrange Windows

Document

- Add to recents file's list
- Erase history of files
- Fast close
- Fast close Settings
- Show Recalc all open books bar
- C 🕸 Workbooks manager

- Model navigator
- My favorites
- Version manager To do list Password list
- Password list settings
- Jabsoft
- Help
- Tip of the day
- Conditions of use
- More interesting products
- Web Shortcuts
- M Go to Model Advisor
- Check upgrades / updates
- Register Model Builder for Excel

- MS Windows 98 or more
- MS Excel 2000 or more

Copyright ©2010 Model Builder for Excel is a registered trademark of JABS. All rights reserved.

Uninstallation

Before uninstalling the product, do:

- Open Microsoft Excel
- Uncheck Model Builder for Excel in Tools > Add-ins.. option
- Close Excel

Automatic

Start - Programs - JABSOFT - Model Builder for Excel > Uninstall Model Builder for Excel.

Or

Manual

- Open the Windows Explorer.
- Go to the folder, the path should be: C:\Program Files\JABSOFT\Model Builder for Excel and delete it.

That is all.

Camera and Camera settings

١



Excel Model Builder 🚳 🔹 Fx 🕶 Adv 🕶 Wiz 👻 Audit 👻 Navig 👻 Ts 👻 🛍 🛛 Camera Settings U Fill - Settings 🐼 Copy colors from... Change color palette ۲ Add to recents file's list Erase history of files e Fast close Q Fast close - Settings T.Bars ۲

This settings dialog will appear

Camera settings		×
Camera tools	Options Send image to the Clipboard Store image in sheet: Save picture as bitmap file Path	Browse
Image Format	Set hot keys Ctrl + Shift + P Appl	y Close

There are two option buttons in the **Camera Tools** frame: **Excel's image** and **Dynamic** . Choose any. Then, in the **Options** frame select:

Send image to the Clipboard to send an image to the Clipboard Store image in sheet to paste an image in the cell of your choice Save picture in file to save an image in a file, to select the folder the image will be saved in. Click Browse to open a dialog showing folders and name your file.

Under Image Format , select the image format: BMP or Picture .

Then click **Apply** to save the settings. You may also set a keyboard shortcut with **Set hot keys**. Set the combination of keystrokes by entering a letter in the text box (**P** is the default) and then click **Close**. Once the settings are completed and saved, you can use this tool by clicking the Camera icon and selecting a range.

Example

For example, if you have an Excel spreadsheet range with this data:

	A	В	С	D	E	F			
1									
2									
3			Product A	Product B			Product A	Product B	
4		2000	200	300		2000	200	300	
5		2001	150	200		2001	150	200	
6		2002	100	150		2002	100	150	
7		2003	50	75		2003	50	75	
8		Total	500	725		Total	500	725	
9									

Choose these settings: Dynamic Excel , Store image in sheet and H88 as the target cell Save the settings and close the dialog.

Camera settings		×
Camera tools	Options Send image to the Clipboard	
C Excers image	Store image in sheet: Sheet1!\$F\$2	_
 Dynamic Excel 	Save Picture in file Path	Browse
Image Format BMP	Set hot keys	
C Picture	Ctrl + Shift + P Apply	Close

Select a range as shown in the example and click the Camera icon ⁽¹⁾ The range is copied as a dynamic image in the target cell selected, F2 in this example. Any changes in the source range wil be reflected in the target imag

Use the Fast close Button to save/close open workbooks with a single click. Save your work if you have a meeting immediately!!!

Previously, you must configure this tool with the Fast Close - Settings button

Copy Color From Another Book

...

You can copy the customized colors from another open book.

Then select the wished book in the window that appears:

Copy colors	X
Copy colors from	
	•
Book1	
Book2	k\$
Ok	Cancel

Change Color Palette

This tool will allow you to change Excel's color palette, making it possible for you to have fresh colors with a more professional and personalized tone. Naturally, this is added value for your spreadsheets.

Observation:

For Excel 2007

If you are making some work on workbooks which comprise colors of previous versions to Excel 2007, you are able to change the palette

from the button "Change color palette "

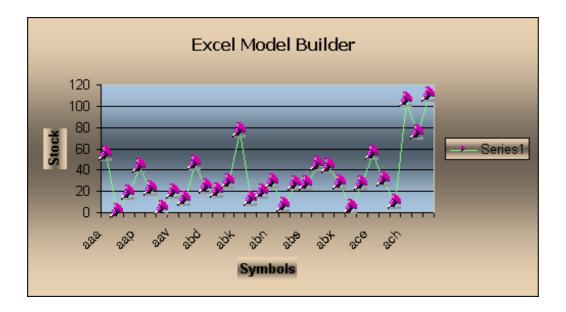
If you are making some work on workbooks which comprise the theme about colors of Excel 2007, simply click on the button " **Theme colors**"

(the button "Change color palette" and " Theme colors" are located in the tools section of the ribbon)



Example

The following chart has been created using the Stock Quotes Palette:



Note:

If you need to have more Color Palettes , then you need to have the Color palette for Excel tool , as well as the Spreadsheet Presenter tool .

The images you see in the above chart have been added with the Chart Tools for Excel tool.

Add to recents file's list

齫

If you are using MS Excel, you add the document to the recent MS Excel list.

	<u>N</u> ew	Ctrl+N
2	Open	Ctrl+O
	Close	
	Save	Ctrl+S
	Save <u>A</u> s	
<u>.</u>	Save as Web Page	
	Save <u>W</u> orkspace	
1	File Searc <u>h</u>	
	Permission	•
	We <u>b</u> Page Preview	
	Page Setyp	
	Prin <u>t</u> Area	+
۵,	Print Pre <u>v</u> iew	
3	<u>P</u> rint	Ctrl+P
	Sen <u>d</u> To	+
	Properties	
	1 xmb help.xls	
1	2 \Docum\Examen diciembre corregido - France	s.xls
	$\underline{3}$ \Document\Examen diciembre corregido - FLA	T.×ls
	∉ \Docu…\Examen diciembre corregido - Americar	no.xls
	E <u>x</u> it	

Erase history of files

2

Use Erase File History to clean the history of opened documents in your computer. You have three options:

C	lean History	×		
	🔽 Clean Recent Document List			
	Clean Items From Winzip File Menu			
	🔽 Clean Recent Excel List			
	OK Cancel			

Select the options you want to clear and press the OK button. Clean History is available using the Fast Close - Settings Button.

Fast close

e

Use the Fast close Button to save/close open workbooks with a single click. Save your work if you have a meeting immediately!!!

Previously, you must configure this tool with the Fast Close - Settings button

Fast close Settings

- 😣

Use Fast close - Settings to configure the Fast Close tool.

Fast close - Settings		×
Book to show : s and Settings\/	Administrator\Desk	top\dates.xls
Actions		
Save Opened Workbooks	File Path	Save settings
Close Opened Workbooks		
Clean History	Clean History	Close

Workbook to Show: Select a workbook to show when the Fast Close Button is chosen.

Save Open Workbooks: Save open workbooks. If the workbooks have been previously saved, this function saves the changes. If there are new workbooks, the function saves them in a given path (Press the File Path button to view/select the path).

4	Save Wor	kbooks in 🛛 🗶
	– Path – Save in	\Documents and Settings\Administrator\Desktop
		Yes Cancel

Close Open Workbook: It closes open workbooks.

Clean History: This executes the Clean History tool when you press the Emergency Button. Press the Clean History button to set it

Clean History			×		
🗹 Clean Re	cent Docu	iment List			
🔽 Clean Ite	🔽 Clean Items From Winzip File Menu				
🗹 Clean Re	cent Exce	l List			
ОК		Cancel			

Show Quick edit bar

8



Quick Edit bar

- Previous sheet
- Netx sheet
- 0 Insert symbols
- Cell's math with selected cells
- Add any mathematical operation
- Exact formula copier
- 骂 Change sign
- ٩ Change reference style
- Insert rows
 - Insert columns
- **⊒** Delete rows
- ųμ Delete columns
- ₿₽ Fill downward
- Fill rightward Fill the highlighted range
- Easy select
- Paste formatting
- Paste formulas
- 12 Paste values...
- ŝ Paste special



This tool enables us to view formulas in a different, friendlier manner. It is a great help, since there are many times when we wish to find out where a given value of a formula comes from. This tool can do just that.

It is very easy to use:

When pressing the Formula's translation button..., you will see that the dialog box becomes wider; this will make it possible to view any translation of the selected cell.

-(F	ormula's trai	nslation							×	
	٦T	ranslate: C p	Formulas to la	bels. C For	rmulas to valu	es. 🖲 Com	ments' text.		Set 🦠	2 🗶	

Then, simply move through the cells you want, so you could view the translation of the formulas in the text box of the tool bar being shown.

	Formulas to labels
	Formulas to values
	Comment's text
200	Settings

Show MB Auditor bar

4

Show the Auditor bar.

Auditor × ×
 Cell's reference tracker Trace multiple precedents Remove multiple precedents Trace multiple dependents Remove multiple dependents Erase auditing arrows
Uts Chart analysis Quick matematics Chart analysis Quick matematics Decompose Formula Show hide formula's translation bar Frror's tracker Circular reference tracker Show / hide Comments bar In block formula's analyzer Test for hidden data

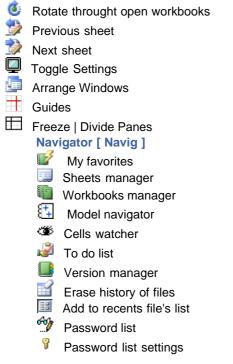
Show Recalc all open books bar

Show Model Navigator bar

7



Model Navigator bar



Show Fast close bar

F



Fast close bar Fast close Set alarm

Show Miscellaneous bar

1



Miscellaneous bar

 Easy Print
 Arithmetical calculator
 Add to recents file's list
 Erase history of files
 Set alarm
 Fast close
 Fast close Settings
 Camera
 Camera settings
 Copy Color From Another Book Palette

Show Formula tools bar

fx



Formula tools bar

- Quick matematics Cell's math by format / by logical criteria
 -Cell's math by format models
 - Cells math by logical criteria models
- Easy search
 - Easy search By text
 - Easy search By format
 -Easy search By logic criteria
- Copy multiple selections
- ⁹⁹ Cut as values
- Change sign
- "%" Swap % to number
- Image: Strain of the second second
- Formulas to values
- 0 Insert

Show wizard bar

2



Multiple IF Maited average

- Formula's error
 Cell's math by format /by logical criteria
 Cell's math by logical criteria models
 Cell's math by format models
 Conditional Sum & Count
 SUMIF
 COUNTIF
 Concatenate cells
 intersect
 Get cell's value
- 💼 Quick fill

Show Advanced bar

23



Advanced

- Chart analysis Easy search
 - Easy search By text
 - Easy search By format
 - Easy search By logic criteria
- Categorize database
- Select by format
- Multiple conditional analysis & formatting
- Conditional text
- H Spreadsheet goal seeker
- Breakeven
- Consolidator
- Multi-sheets Consolidator
- Detailed Consolidation
- Multi sheet database / consolidator
- Complex formula's consolidation
- Models panel

Show Comment bar

6



- Add new comment
- Eliminate comments of the selected range
- Show / hide all comment's
- \mathcal{P} Toggle comment corners
- Comment report's
- Dhange comment's color
- Revision Bar

Show Recalc all open books bar

This extremely useful option allows - in a single click - to recalculate all workbooks opened.



Simply click on the corresponding button and recalculation will take place immediately.

Show Rebuild arrays bar

 $\{a\}$

This small but very useful tool bar makes it possible to create arrays in the simplest possible manner.



We simply set ourselves over the range where we wish to create an array; and \dots

E2 • fx =B2+C2								
	Α	В	С	D	E	F	G	
1								
2		1	2		3	2	3	
3		2	3		5	3	5	
4		3	4		7	4	7	
5		4	5		9	5	9	
6		5	6		11	6	11	
7								
8							~~	
9							ν.	

We then press the Rebuild Arrays button.

	E2	2 🗸	<i>f</i> x {=					
	Α	В	С	D	E	F	G	
1								
2		1	2		3	2	3	
3		2	3		5	3	5	
4		3	4		7	4	7	
5		4	5		9	5	9	
6		5	6		11	6	11	
7								

That is all.

Install Model Builder for Excel - Panel

In case you have installed the previous version in your pc, you will be asked to uninstall from configuration/ control panel /add or remove features/Model Buider- panel

Once the installation of the product is completed, the following dialog box with be displayed, asking you to install the Model builder - panel.

Press the button "Press the following link to start the installation panel" to start the installation

🔞 м	odel Builder	- panel				Σ	3			
	The installation of the add-in has been completed, now you need to close Excel to continue with the configuration of the features from the panel.									
Pres	Press the following link to start the installation of the panel									

If you have all necessary requirements to install the panel, a process will start automatically and you will see the next dialog box for some seconds.

[Model Builder - panel
	Please wait while Windows configures Model Builder - panel
	Gathering required information
L	Cancel

It is very important to close excel to configure correctly. In case Excel was opened during this process, it will be necessary to close it before using the panel for the first time. That is all

In case you need to install requirements, the following dialog box will be shown.

This dialog box will detect automatically the requirements that you need to install in order to run the function of Model Builder for Excel panel.

🐞 Model Builder for Excel - panel 🛛 👔	×						
Install Model Builder panel - requeriments	1						
In order to run the function Model Builder panel							
Is necessary to install the following requirements: -Net framework 3.5, vsto runtime 3.0							
Please close Excel before starting with the installation.							
 Press the button install Framework 3.5 When completing with the installation of the framework, if necessary, a message to install will appear : "Primary interoperability assembly" accept the installation of this element. (you can download and install or run it directly from the browser.) 							
Once the installing process of the framework 3.5 is complete 2 Press the button install vsto runtime 3.0							
Finally after completing the installing process of vsto runtime 3.0 3 Press the button Install Model Builder panel to complete the installation of Quick styles panel.							
1 Install .NET Framework							
2 Install VSTO 3.0 Runtime							
3 Install Model Builder panel							

You should run the requirements in a sequential way:

1.- Normally, first you should press the button 1.- Install .NET FRAMEWORK When completing with the installation of the framework, if necessary, a message to install will appear : "Primary interoperability assembly" accept the installation of this element. (you can download and install or run it directly from the browser.)

2.- Right after some minutes when the installation of the framework has been completed, you should proceed to install VSTO 3.0 Runtime

Press the correspondent button for that.(Install VSTO 3.0 Runtime)

Finally, right after having completed with the installation of the requirements

3.- Press the button install Model Builder panel to load the customization on Excel

Right after completing with the installation, Open Excel to confirm the installation.

On the following link you can access to a video of example regarding the installation: http://www.jabsoft.net/helpdesk/Resources/emb_panel_demo/emb_panel_demo.htm

If you receive an error message when completing with the installation of Model Builder panel, then it will be neccesary to install a language package according to your settings from Microsoft's web. http://www.microsoft.com/downloads/details.aspx?FamilyID=eb37615a-409f-4209-be8e-a197afdc1d45&DisplayLang=en

Observations:

In case that any of the requirements exist in your PC already, the correspondent button will be disabled, so in such a

case you must press the button : Next to the sequence.

If the 2 requirements exists in your PC, the buttons 1.- Install .NET framework and 2.- Install VSTO 3.0 runtime will be disabled

In such a case, the button: Install Model Builder panel, should be pressed directly. This is for completing the process.

If you choose installing the Model Builder panel and you currently have a version that is coextensive with the version you wish to install, then you will be offered the option of repairing or uninstalling.

If you choose installing the Model Builder panel and you currently have a different version to the version you wish to install , then you will be indicated to uninstall Model Builder - panel, before installing your new version.

In case you did not check the option launch Model Builder on the last screen of the installation from the product, you can access to the verification of requirements from

Start/Programs/Jabsoft/Model Builder for Excel/Install Model Builder panel for Excel 2007.

It is important to keep the order on the installation sequence.

If you close the installing requirement window involuntarily, you can access again and continue the installation from Start/Programs/Jabsoft/Model Builder for Excel/Install Model Builder panel for Excel 2007.

It can happen that you will be requested to restart the PC right after installing the framework, if you wish you can do it . But you normally can ignore that message and continue with the installation

Re-Install Model Buider panel

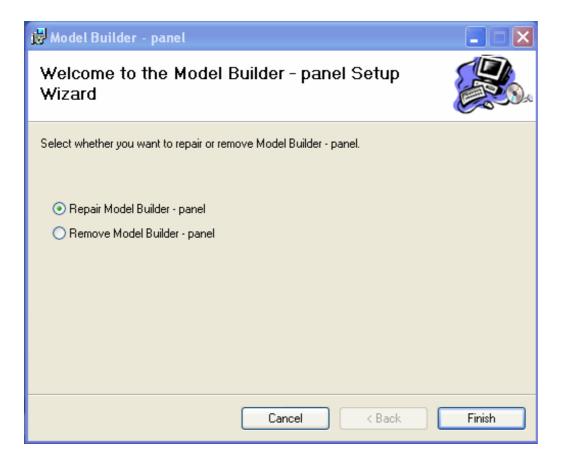
If you have reinstalled the product and the system detects that you have installed the Model Buider panel, it will happen the following:

The next dialogue box will be displayed

Please before continuing with the installation of Model Builder panel, close Excel until the installation has been completed.

Excel must be closed, in order to make the fixing or installation of the product.

choose Repair Model Builder- panel and click on finish



In case you have installed the previous version in your pc, you will be asked to uninstall from configuration/ control panel /add or remove features/Model Buider- panel

Windows	Installer	×
1	Another version of this product is alrea Installation of this version cannot cont configure or remove the existing versio use Add/Remove Programs on the Co	tinue. To on of this product,
	ОК	

After the uninstalling ,this in order to install the new version, you can apply the following method:

- Go to star/programs/jabsoft/install Model Builder Panel for Excel

This function is available in excel 2007 and above.

Model navigator

{**†**_

Workbooks are often very extensive –and sometimes you will be interested only in checking the value of certain cells. And the mere fact of locating them may be nothing short of a feat.

Model Navigator was built with this in mind: the perfect tool to navigate through specific cells in your spreadsheet.

You can add and/or remove the cells you wish to and from the Model Navigator dialog as follows:

Click the button to add the cell you want to check.

Click the button _____ to remove a cell from the list.

Also, you can see the cell either in the upper-left corner or in its normal location.

This information is saved in a very hidden sheet of your workbook and is only available to that workbook.

ilder - Panel		
ell's references tracker	Cell's w.	Nav
Cells:	Address:	
SALES	E18	
TAXES	M20	1
CF	B14	
COST VALUE	D14 F14	
Comments :		
November taxes		
View Cell in the uppe	r-left square	

This box is resize-able. Simply place the cursor on the dialog box's borders and reduce/increment its size, according to your convenience.

Cell's watcher

Ć

Do you need to select important cells in your model? Use this powerful tool to select and manage them. Workbooks are often very extensive –and sometimes you will be interested only in checking the value of certain cells. And the mere fact of locating them may be nothing short of a feat.

Cell's watcher is the right tool to navigate through specific cells in your spreadsheet.

Cell's referenc	es tracker	Cell's w.	Na					
Output								
Desc	Val	Cell						
Input Desc	Val	C4						
LP SUM	355600	D2 D1						
T_LOAN	178400	51	Ĭ					
Charles and the second second	178400		>					

You can add and/or remove the cells you wish to and from the Cell's watcher dialog as follows:

Click the button to add the cell you want to check.

Click the button _____ to remove a cell from the list.

Cell's watcher stores the cells in two groups: Output. Cells containing formulas. Input. Cells with no formulas.

You can sensitize the value of an input cell and undo in any changes.

	Desc	Val	Cell
	LP_SUM T_LOAN	355600 178400	D2 D10
	<	111	
	178400	\$ 1	
	•	0	
-		rence cell. in the upper-lef	

Moreover, you may view the cell value in the upper-left corner or in its original location and enlarge or shrink the Cell's watcher dialog.

Go to reference cell.	
View cell in the upper-left square.	

This information is saved in a very hidden sheet of your workbook and is only available to that workbook.

Cell's reference tracker

88

This versatile tool allows you to navigate between the cells which originate and/or depend on a cell under observation. This works even through sheets contained in other workbooks.

In addition to this, a series of tools are included to allow movement and viewing cells, such as:

- Select originating or dependent cells.
- Color them as you wish.
- Navigate through them.
- Show the comment contained in the cell through which we moved.
- Change the formulas directly from the dialogue box.
- Among others.

Let us see an example:

We position ourselves on a cell that contains a cell, and we press the corresponding tool bar button. The tool's dialogue box will then open up.

	D2	- (*	<i>f_x</i> =B2+	B3+B4+B5+B6	+C3						
1	Α	В	С	D	E		Builder	- Pan	el		
1							Cell's refe	erence	s tracke	Cell's w	. Nav
2		• 1	2	48			d b do kala				
3		5	- 33	0	48		\$U\$2 has	6 prec	edents,	5 depender	its.
1		- 4	8	5	50		Cell \$D	\$2		✓ ¥	P
5		- 3	9	27	48		(INC)	<u>75</u>			
5		2	4	6	51			CF (1 🥑	
7		5	10		58				1	1	
3			5		106			9 [J	
Э		1	3		106		Value	Inf	Cell	Sheet	Bool
0		2	4		75		48	F	D2	Hoja1	
1			5								
2		6				-	Value	Inf	Cell	Sheet	Bool
3		7					1	1	82 84	Hoja1 Hoja1	
4							3	i	B5	Hoja1	
						- 11	2	1	B6	Hoja1	
5					12	-11	5	1	B3	Hoja1	
6		66					33	Ţ	C3	Hoja1	
7											
8							_				
9							0	20	_		
0								<u>ם</u>	9	Show arro	ws
1							Formula editor				
2							=B2+B3+	B4+B5	+B6+C3		
3											
4							More				
									me		

The first time the tool is activated, if the active cell has a formula, by default, the tool will detect the origins of the cell.

But, each time we wish to analyze a cell, we must again go over the following steps:

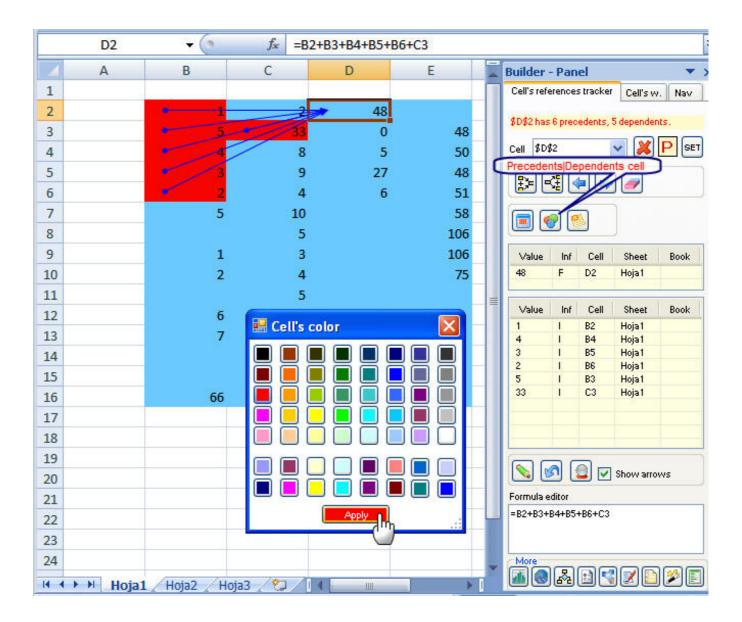
1.- Press the SET button in the dialogue box.

2.- Press the Precedents or Dependents button, depending on what we wish to do.

Thus, the tool will detect the originating or dependent cells of the selected cell, and the dialogue box will unfold a list of such cells.

Using this list we can move through those originating or dependent cells.

In addition, we can select the resulting cells or maybe add color to them so they can be easily distinguished.



In order to evaluate the result of a section from your formula:

- 1 .First select a segment of your formula according as it is shown in the image.
- 2. Then press button evaluate.
- 3. Place the cursor on the text box corresponding to the Editor formula.

()	f _x	=SUMA(C8	:C11)							*
В	С	D		E	-	Builder	- Pan	el	-	▼ ×
106 53 58 106 53	9	9 368 000 9 368				Cell's refe \$C\$12 ha Cell \$ C\$	erence: is 4pre \$12	s tracker	, and no dep	. Nav
58 106 106 0	30 10 30 31	000 000 000 500 500				Value 10500 Value 3000 1000 3500	Inf F Inf I I I	Cell C12 Cell C8 C9 C10 C11	Sheet Hoja1 Sheet Hoja1 Hoja1 Hoja1 Hoja1	Book Book
	cia7 /**					Formula e = C8+C9+			Show arro 1	ws

Value	Inf	Cell	Sheet	Book
10500	F	C12	Hoja1	
Value	Inf	Cell	Sheet	Book
3000	1	C8	Hoja1	
1000	1	C9	Hoja1	
3000	1	C10	Hoja1	
3500	<u>.</u>]	C11	Hoja 1	
			Show arro	ws
ormula e	ditor			
C8+C9+	C10+0	211	3	

Note:

Undo button is will only bring back the last time the formula has been overwriten



Quick references changer

With this tool you will be able to modify in your formula the references towards a determined cell by references towards other specific cell.

Quick references chan	ger	×
Find what:	Replace With:	÷
Apply in selection	Close	

For Example in the following case if you want to change the references in the formula from A1 range.

1) Select A1 range.

Press the button Add 5 times to add 5 text boxes which are necessary for the following example.

2) Enter respective values of the references to search (2,A,\$C\$7,Sheet1,Sheet3!\$G\$6) in each one of the text.

3) Now enter the corresponding values to the references for which you want to replace respectively.

4) Click on the Apply in selection button.

	A1	•	<i>f</i> ∗ =E2+A	16+	\$C\$7+S	heet1!F14	+Sheet3	!\$G\$6
1.	A	В	C		D	E	F	
1	75	Ouick	references o	han	ner		×	
2	33							
3	120	2.	Fi <u>n</u> d what:		3. Repla	ce With:		
4	331	2	2		8			
5	333							
6	331	A 1	4		в			
7	158			-11				
8	50	\$	sC\$7		\$D\$9			
9	33		•	-				
10	120	1 2	iheet1		Sheet2	2		
11	331		t	-	Charle	110.00		
12	333		iheet3!\$G\$6		Sheet	+!D33		
13	331					lal		
14	158	4.	Apply in <u>selection</u>	<u>n</u>	Close			
15								

Finally this is the result References in the formula from A1 range have been modified

	A1	▼ fx	=E8+B1	16+\$D\$9+S	heet2!F14+	-Sheet4!D33
	A	B	С	D	E	F
1	58	44	25	25	25	25
2	33	454	33	33	25	33

Note: The Undo opcion will be available with the name undo_changer.

				i 🗋 💕 I	🚽 i 🖬 🛷	🗳 🕶 Σ	- A↓
		A1	•	<i>f</i> x =E8+B1	6+\$D\$9+S	he <mark>Undo_changer</mark>	
		A	В	С	D	Undo 1 Action	1
1	1	58	44	25	25	25	25
2	2	33	454	33	33	25	33

Exact formula copier

ā

Do you need to copy exact formulas from one range to another? Excel, when copying formulas, does it with relative references, so the formulas change. The following is an example of what this tool does:

	H2	▼)	<i>f</i> × =[)2+E2+F2		-			
	A	В	С	D	E	F	G	Н	
1									
2		6.00		1.00	2.00	3.00			
3		9.00		2.00	3.00	4.00			
4		12.00		3.00	4.00	5.00			
5		15.00		4.00	5.00	6.00			
6		18.00		5.00	6.00	7.00			
7							1		
8		Exact form	ula co	pier		×			
9		Select the up	oper-le	ft cell to copy	the selected	range.			
10						Ĩ		1	
11									
12									
13									
14		\$H\$2					and the second s		
15									
16				0	ж	Cancel			
17									
18									

You then select the cell where the results will be pasted to. Click on the OK button.

	B2	•	<i>f</i> x =D	2+E2+F2				
	A	В	С	D	E	F	G	H
1								\frown
2		6.00		1.00	2.00	3.00		6.00
3		9.00		2.00	3.00	4.00		9.00
4		12.00		3.00	4.00	5.00		12.00
5		15.00		4.00	5.00	6.00		15.00
6		18.00		5.00	6.00	7.00		18.00
7								\bigcirc

Swap ranges

-

This tool allows you to interchange data contained in two ranges, in a simple manner. Have a look at the example:

The blue ranges are to be interchanged.

		•	<i>f</i> × =D	2+E2+F2				
	A	В	С	D	E	F	G	H
1								
2		6.00		1.00	2.00	3.00		5.00
3		9.00		2.00	3.00	4.00		7.00
4		12.00		3.00	4.00	5.00		9.00
5		15.00		4.00	5.00	6.00		11.00
6		18.00		5.00	6.00	7.00		13.00
7				wap ranges			×	
8		1		wap ranyes				
9				Swap Range	1: 5 ro	ow(s) X 1 colu	mn(s)	
10				Sheet2'!\$	B\$2:\$B\$6			
11		The second se					-	
12				With Range (2: 5 m	ow(s) X 1 colu	mn(s)	
13				Sheet2!\$H				
14					ара, філфо		-	
15				ര	(
16				2	O	k j Cano		
17								

Once you have selected the ranges to interchange, just press the OK button.

	B2	•	;	f _x =	F2+E2				
	A		B	С	D	E	F	G	H
1									$\langle \rangle$
2			5.00		1.00	2.00	3.00		6.00
3			7.00		2.00	3.00	4.00		9.00
4			9.00		3.00	4.00	5.00		12.00
5			11.00		4.00	5.00	6.00		15.00
6			13.00		5.00	6.00	7.00		18.00
7			\bigcirc						\bigcirc

That is all!

Advanced transposer

•,

This tool transposes the data selected in the indicated range. Have a look at the example:

We wish to transpose the data selected in Range B8, but only as values. We choose the transposing mode we wish, and press the OK button.

	B8	•	<i>f</i> × =F	2+E2							
	A	В	С	D	E	F	G	Н		J	
1							Adva	nced trans	sposer		×
2		5.00		1.00	2.00	3.00					
3		7.00		2.00	3.00	4.00	Selec	t the upper	-left cell for pa	aste the resu	ults :
4		9.00		3.00	4.00	5.00	्र	neet2!\$B\$8			
5		11.00		4.00	5.00	6.00	· · · ·				
6		13.00		5.00	6.00	7.00		ranspose			
7								Data			
8							(Data with	exact formula	3	
9											
10							, , , , , , , , , , , , , , , , , , ,	🕽 Formula lii	nk		
11								Copy format	tina		
12								copy ronnac		1	- 1
13							2		Ok	Cancel	
14											
15											

Note that they have only been pasted as values.

	B8	•	<i>f</i> ∗ =F	2+E2							
	A	В	С	D	E	F	G	H		J	
1							Adv	anced trans	poser	,	×
2		5.00		1.00	2.00	3.00					
3		7.00		2.00	3.00	4.00	Sel	ect the upper-	left cell for pa	aste the resu	ults :
4		9.00		3.00	4.00	5.00		5heet2!\$B\$8			
5		11.00		4.00	5.00	6.00					-
6		13.00		5.00	6.00	7.00		Transpose			
7								💿 Data			
8								C Data with	exact formula	9	
9										-	
10								🔿 Formula lin	ik		
11								Copy formatt	ina		
12								copy romau	.ing		[
13							2)	Ok	Cancel	
14									-		
15											

More examples on the rest of the options. Pasting data with an exact formula.

	B8	▼	<i>fi</i> =F	2+E2			
	A	В	С	D	E	F	
1							
2		5.00		1.00	2.00	3.00	
3		7.00		2.00		4.00	
4		9.00		3.00	4.00	5.00	
5		11.00		4.00	5.00	6.00	
6		13.00		5.00	6.00	7.00	
7							
8		5.00	7.00	9.00	11.00	13.00	
9							

Pasting data as link, to original cells.

	B8	•	f a = E	32			
	A	В	С	D	E	F	
1							
2		5.00		1.00	2.00	3.00	
3		7.00		2.00	3.00	4.00	
4		9.00		3.00	4.00	5.00	
5		11.00		4.00	5.00	6.00	
6		13.00		5.00	6.00	7.00	
7							
8		5.00	7.00	9.00	11.00	13.00	
9							

Note: You can also run the tool as follows:

1.- Select the range you wish to transpose.

2.- Select the cell where you wish to paste the results (do not forget to select two ranges you must hold down the CTRL key).

Finally, press the corresponding button.

	A	В	С	D	E	F	
1							
2	1	5.00		1.00	2.00	3.00	
3		7.00		2.00	3.00	4.00	
4		9.00		3.00	4.00	5.00	
5		11.00		4.00	5.00	6.00	
6		13.00		5.00	6.00	7.00	
7							
8	2						
9							

3.- Press the corresponding button.

The first click will paste as values. The second click will paste as exact formulas. The third click will paste the data as links.

Copy range as link

69

This useful tool allows you to paste a cell range to get linked to the original range.

When Excel pastes cell ranges as links, it also does it over empty cells. We show you the next procedure as an alternative:

1.- Select a cell range.

2.- Click in the tool box to visualize the dialog box showed in the next

	A	В	С	D	E
1					
2		1.00			
		2.00			
4		3.00			
5		4.00			
6		5.00			
7					
8	Conv	range as lin	k		×
9					
10					
11	Select	: a cell in orde	r to paste the	results.	2
12					
13					
14	Shee	et1!\$D\$2			_
15					
16	— Ewi	th formats.	🔽 Ski	p blanks.	
17					
18			Ok	Cano	el
19					
20					

3.- Pick a cell to paste the results, in this case it will be cell D2.

If you want you can include formats putting the check to the correspondent option. In this case we are not going to do this. Take a look at the results.

	A	В	С	D	E
1					
2		1.00		1.00	
3		2.00		2.00	
4		3.00		3.00	
5		4.00		4.00	
6		5.00		5.00	
7					
8					
9					
10					

Copy multiple selections

R)

Many times we have attempted to copy multiple ranges from a sheet, just to find out that this action is not possible. This is a shortcoming of Excel, and this is why, thinking of the users and in the time which could be saved, we have created this tool.

Here is an example:

We would like to copy the selection to the indicated range:

	A	В	С	D	Е	F	G	Н	
1									
2		ProductName	Category	UnitPrice					
3		Laughing Lumberjack Lager	Beverages	\$14.00					
- 4		Gumbär Gummibärchen	Confections	\$31.23					
5		Schoggi Schokolade	Confections	\$43.90					
6		Zaanse koeken	Confections	\$9.50					
- 7 -		Outback Lager	Beverages	\$15.00					
8		Rhönbräu Klosterbier	Beverages	\$7.75					
9		Lakkalikööri	Beverages	\$18.00					
10		Aniseed Syrup	Condiments	\$10.00					
11		Chef Anton's Cajun Seasoning	Condiments	\$22.00					
12		Chef Anton's Gumbo Mix	Condiments	\$21.35					
13		Sir Rodney's Scones	Confections	\$10.00		Conumult	iple selectio	and the second sec	×
14		NuNuCa Nuß-Nougat-Creme	Confections	\$14.00		copy maie	ipie selecciu	115	
15		Grandma's Boysenberry Spread	Condiments	\$25.00		Select the	upper-left ce	ll for paste t	he results :
16		Northwoods Cranberry Sauce	Condiments	\$40.00		Product	aldEdal		
17		Louisiana Fiery Hot Pepper Sauce	Condiments	\$21.05		I moddee	3:41 401 1		
18		Louisiana Hot Spiced Okra	Condiments	\$17.00		2		ok 📗	Cancel
19		Original Frankfurter grüne Soße	Condiments	\$13.00					
20		Pavlova	Confections	\$17.45				. 0	
21		Teatime Chocolate Biscuits	Confections	\$9.20					
22		Sir Rodney's Marmalade	Confections	\$81.00					
23									

we press OK, and the result will be shown below:

E	F	G	Н	I
	Laughing Lumberjack Lager			
	Gumbär Gummibärchen			
	Schoggi Schokolade			
	Zaanse koeken			
	Outback Lager			
	Rhönbräu Klosterbier			
		Beverages		
		Condiments		
		Condiments		
		Condiments		
		Confections		
			\$14.00	
			\$25.00	
			\$40.00	
			\$21.05	
			\$17.00	

Cut as values

15

This useful tool makes it possible to cut a range of cells containing values and formulas; to then paste it to another area, but only as values.

It also copies the number format.

See the following example:

We wish to cut the contents of the selected range, and paste it to another area, but only as values.

	Α	В	С	D	E	F
1						
2		Category	UnitPrice			
3		Beverages	\$1.00		🛧 🗘	
4		Beverages	\$2.00			
5		Condiments	\$3.00		8	
6		Condiments	\$4.00		8	
- 7 -		Condiments	\$5.00			
8					1	
9			Cut and	paste only a <mark>s</mark>	values	×
10			Soloct t	he upper-left ce	ll for posto k	be reculte a
11			Select t	ine upper-iert te	intor paste t	ine results :
12			Produ	ucts!\$E\$2 🏾 🍆		_
13						
14				C)k	Cancel
15						
16						

Click on the OK button, and the results will be shown below:

	Α	В	С	D	E	F	
1							
2					Category	UnitPrice	
3					Beverages	\$1.00	
4					Beverages	\$2.00	
5					Condiments	\$3.00	
6					Condiments	\$4.00	
7					Condiments	\$5.00	ļ
8							

Flip cells

This interesting tool permits the interchanging of values of a selected range.

In other words, the value of the first cell is positioned as the last value of the selected range; and the value of the last cell will now be in the first cell. The second value will become the penultimate value, and the penultimate value will be come second ... and so on ...

See the example below:

We wish to interchange the values of the selected range.

	E2	-	<i>f</i> ∗ =B2	+C2		
	Α	В	С	D	E	F
1						
2		1	2		3	
3		2	3		5	
4		3	4		7	
5		4	5		9	
6		5	6		11	
7		6	7	\mathbf{O}	13	
8		7	8		15	
9		8	9		17	
10		9	10		19	
11		10	11		21	
12		11	12		23	
13		12	13		25	
14		13	14		27	
15						

After applying this tool, the results will be as follows:

	E2	-	<i>f</i> x =B1	4+C14		
	Α	В	С	D	E	F
1						
2		1	2		27	
3		2	3		25	
4		3	4		23	
5		4	5		27 25 23 21	
6		5	6		19	
7		6	7		17	
8		7	8		15	
9		8	9		13	
10		9	10		11	
11		10	11		9	
12		11	12		7	
13		12	13		5	
14		13	14		3	
15						

To reverse the changes, simply apply the tool again.

Change sign

This useful tool allows you to change the sign of a range or cell containing formulas or values.

If the cell contains a formula, a parenthesis will be placed before changing the sign, while the formula is kept unchanged.

Note the following example:

The following range is selected:

	Α	В	С
1			
2		14	
2		15	
4		7.75	
5		18	
6		10	
7		22	
8		21.35	
9		14 15 7.75 18 10 22 21.35 25 40	
10		14 15 7.75 18 10 22 21.35 25 40	
11			

First click:

The values of all cells now have negative values

	Α	В	С
1			
2			
2 3		-15	
4		-7.75	
5		-18	
6		-10	
7		-22 -21.35	
8		-21.35	
9		-25	
10		-40	
11			

Second click: The values of all cells are now positive again

	Α	В	С
1			
2		14	
		15	
4		7.75	
5		18	
6		10	
7		22	
8		21.35	
9		14 15 7.75 18 10 22 21.35 25 40	
10		40	
11			

Swap % to number

"="

Whenever we apply the percentage format to a range, using the tool available in Excel, we notice that the number changes too.

This is to say, if we have a cell containing 3 as its value, and we apply the Excel percentage, we will notice that the number has become 300%.

Sometimes, this change can create visual confusion.

Our Swap Percentage to Number tool solves this problem.

We will use the following range as an example:

	D2	-	<i>f</i> x =B2	+C2	
	Α	В	С	D	
1					
2		1	2	3	
3		2	3	5	
4		3	4	7	
5		4	5	9	
6		5	6	11	
- 7					

We will select a column and then proceed to press the corresponding button.

	D2	✓ f _x =(B2+C2)/100				
	Α	В	С	:	D	E
1						
2		1		2	3%	
3		2		3	5%	
4		3		4	7%	- Ç
5		4		5	9%	
6		5		6	11%	
7						

We can see that the numbers have not changed and that the calculations have not changed at all. To undo the effect, we simply select the corresponding range again, and click on the same button again.

	D2	-	<i>f</i> x =B2	+C2	
	Α	В	С	D	E
1					
2		1	2	3	С С
3		2	3	5	
- 4		3	4	7	
5		4	5	9	
6		5	6	11	
- 7					

Change to text | number

2

It is often the case that we wish to convert numeric values into text, to then perform certain calculations using the same values which have been converted to text.

Or perhaps, we simply wish to hide the formulas.

This tool can do the job.

Let us see an example:

We have a selected range that we wish to convert into text.

We click on the tool to be able to perform the task.

D2		-	<i>f</i> x =B2	+C2		
	A	В	С	D	E	F
1						
2		1	2	3		
3		2	3	3 5 7		
4		3	4	7		
5		4	5	9		
6		5	6	11		
- 7 -		6	7	13		
8		7	8	15		
9		8	9	17		
10		9	10	19		
11		10	11	21		
12		11	12	23		
13		12	13	23 25 27		
14		13	14	27		
15					- 	
16		Microsoft Ex	cel			×
17						
18		i 🕐 sa	ome cells have	e formulas. Do	o you wish to	proceed?
19		4				
20			<u>Y</u> es		lo	
21			<u></u>			
22				v		

If any of the cells has a formula, the tool will detect it and it will ask us if we wish to continue. After we confirm the task, we will see the results:

	D2	-	<i>f</i> ∗ 3		
	Α	В	С	D	E
1					
2		1	2	3	
2		2	3	5	
- 4		3	4	7	
5		4	5	9	
6		5	6	11	
7		6	7	13	- Ç
8		7	8	15	
9		8	9	17	
10		9 10	10	19	
11		10	11	21	
12		11	12	23	
13		12	13 14	25	
14		13	14	27	
15					

To undo the changes we simply click on the Excel undo button.

Formulas to values

0₁

This useful tool converts all formulas of a selected range into values, in the simplest possible way: a single click. See the example below, using the selected range:

	E2	-	<i>f</i> × =E	32+	C2	
	Α	В	С	D	E	F
1			\mathbf{O}			
2		1.00	2.00		3.00	
3		2.00	3.00		5.00	
4		3.00	4.00		7.00	
5		4.00	5.00		9.00	
6		5.00	6.00		11.00	
7		6.00	7.00		13.00	
8		7.00	8.00		15.00	
9		8.00	9.00		17.00	
10		9.00	10.00		19.00	
11		10.00	11.00		21.00	
12		11.00	12.00		23.00	
13		12.00	13.00		25.00	
14		13.00	14.00		27.00	
15						

We click on the corresponding button to see the changes.

	E2	-	<i>f</i> × 3			
	Α	В	С	D	E	F
1						
2		1.00	2.00		3.00	
3		2.00	3.00		5.00	
4		3.00	4.00		7.00	
5		4.00	5.00		9.00	
6		5.00	6.00		11.00	
7		6.00	7.00		13.00	
8		7.00	8.00		15.00	
9		8.00	9.00		17.00	
10		9.00	10.00		19.00	
11		10.00	11.00		21.00	
12		11.00	12.00		23.00	
13		12.00	13.00		25.00	
14		13.00	പ്പ 14.00		27.00	
15			•			

This task cannot be undone.

Spreadsheet goal seeker

•

The cell or range that you want to change is called: **Define the cell / range to change**. This item must always contains a formula or a function.

	Stock A	Stock B	Stock C	Stock D	Spreadsheet Goal Seeker
Stock quantity	1000	700	600	500	Define the cell/range to change:
Price Per stock	\$ 25.00	\$ 15.00	\$ 10.00	\$ 15.00	Stocks!\$C\$10:\$F\$10
Total	25,000.00	10,500.00	6,000.00	7,500.00	
					Define the target value(s):
Investment	22,000.00	10,000.00	5,000.00	6,000.00	
invostitorit.	22,000.00	10,000.00	0,000.00		Changing the cell/range :
Currently profit	3,000.00	500.00	1,000.00	1,500.00	
					Clear model
Wished profit	5,000.00	2,000.00	3,000.00	4,000.00	Clear model
					Existing models: Available models
					Add new model Administrate models
					Ok Cancel

The value(s) or formula(s) you want to change to is called: **Define the target value(s).** Click on **Define the target value(s)** field and select the cell or range that contains the new values.

	Stock A	Stock B	Stock C	Stock D	Spreadsheet Goal Seeker
Stock quantity	1000	700	600	500	Define the cell/range to change:
Price Per stock	\$ 25.00	\$ 15.00	\$ 10.00	\$ 15.00	Stocks!\$C\$10:\$F\$10 _
Total	25,000.00	10,500.00	6,000.00	7,500.00	1 0000000000000000000000000000000000000
					Define the target value(s):
Investment	22,000,00	10,000,00	5 000 00	C 000 00	Stocks!\$C\$12:\$F\$12
Investment	22,000.00	10,000.00	5,000.00	6,000.00	Changing the cell/range :
Currently profit	3,000.00	500.00	1,000.00	1,500.00	_
Wished profit	5,000.00	2,000.00	3,000.00	4,000.00	Clear model
				-C	Existing models: Available models
					Add new model Administrate models
					Ok Cancel

The part of the formula(s) that you want to change is called **Changing the cell / range**. This item must only contain values, not a formula or a function.

Click on the Changing the cell / range field, and select the cell or range you wish to change.

	Stock A	Stock B	Stock C	Stock D	Spreadsheet Goal Seeker
Stock quantity	1000	700	600	500	Define the cell/range to change:
Price Per stock	\$ 25.00	\$ 15.00	\$ 10.00		Stocks!\$C\$10:\$F\$10 _
Total	25,000.00	10,500.00	6,000.00	7,500.00	Stocks!\$C\$10:\$F\$10
					Define the target value(s):
Investment	22,000.00	10,000.00	5,000.00	6,000.00	Stocks!\$C\$12:\$F\$12
investment	22,000.00	10,000.00	3,000.00		Changing the cell/range :
Currently profit	3,000.00	500.00	1,000.00	1,500.00	Stocks!\$C\$3:\$F\$3
					durant l
Wished profit	5,000.00	2,000.00	3,000.00	4,000.00	Clear model
					Existing models: Available models
					Add new model Administrate models
					Ok Cancel

Click in the OK button. Done.

Look at your spreadsheet and note how **Spreadsheet Goal Seeker** was changed the value of the cells and returns the result you wished.

	Stock A	Stock B	Stock C	Stock D
Stock quantity	1080	800	800	667
Price Per stock	\$ 25.00	\$ 15.00	\$ 10.00	\$ 15.00
Total	27,000.00	12,000.00	8,000.00	10,005.00
Investment	22,000.00	10,000.00	5,000.00	6,000.00
			-	
Currently profit	5,000.00	2,000.00	3,000.00	4,005.00
Wished profit	5,000.00	2,000.00	3,000.00	4,000.00

Also, Spreadsheet Goal Seeker allows you to display the result from many adjustments at the same time. We will explain how to do it using an example simpler

	A	В	С	D	E	F	G	Н		
1										
2			Stock A	Stock B	Stock C	Stock D	Stock E	Stock F		
3		Stock's quantity	1000	1205	1145	1201	1105	1115		
4		Price per stock	3.45	3.5	3.6	3.7	3.8	3.9		
5		Current profit	3,450.00	4,217.50	4,122.00	4,443.70	4,199.00	4,348.50		
6										
7										
8		Wished profit	4,690.00	4,890.00	4,690.00	4,890.00	4,690.00	4,890.00		
9			4,920.00	5,120.00	4,920.00	5,120.00	4,920.00	5,120.00		
10			5,120.00	5,320.00	5,120.00	5,320.00	5,120.00	5,320.00		
11			5,320.00	5,520.00	5,320.00	5,520.00	5,320.00	5,520.00		
12			5,520.00	5,720.00	5,520.00	5,720.00	5,520.00	5,720.00		
13		L								
14			Spr	eadsheet Go	al Seeker		×			
15			Define the cell/range to change:							
16			Goal Seeker'!\$C\$5:\$H\$5							
17										
18			De	fine the target	value(s):					
19				Goal Seeker'!\$C	\$8:\$H\$12	K.	-			
20							-			
21			Cha	anging the cell/	range :					
22			'Goal Seeker'!\$C\$3:\$H\$3							
23										
24						Clear mode	;I			
25										
26			Existing models:							
27										
28										
29			Add new model Administrate models							
30										
31			?	1	(
32			Q		Ok.					
33						45				
34										
								1		

Then, press the Ok button and one similar report sheet will be showed:

	A	В	C	D	E	F	G
1		· · ·					
2		Target values					
2 3 4		4,690.00	4,890.00	4,690.00	4,890.00	4,690.00	4,890.00
4		4,920.00	5,120.00	4,920.00	5,120.00	4,920.00	5,120.00
5		5,120.00	5,320.00	5,120.00	5,320.00	5,120.00	5,320.00
6		5,320.00	5,520.00	5,320.00	5,520.00	5,320.00	5,520.00
7		5,520.00	5,720.00	5,520.00	5,720.00	5,520.00	5,720.00
8							
9		New input values					
10	For target values in line 3	1,359.42	1,417.39	1,302.78	1,321.62	1,234.21	1,253.85
11	For target values in line 4	1,426.09	1,484.06	1,366.67	1,383.78	1,294.74	1,312.82
12	For target values in line 5	1,484.06	1,542.03	1,422.22	1,437.84	1,347.37	1,364.10
13	For target values in line 6	1,542.03	1,600.00	1,477.78	1,491.89	1,400.00	1,415.38
14	For target values in line 7	1,600.00	1,657.97	1,533.33	1,545.95	1,452.63	1,466.67
15							
16 17						C 2/	28/2006 12:44
17							

Breakeven

Let's build a breakeven (no earnings nor losses) of a specific business.

e.g. We want to calculate how many units of each product we need to sell in order to the final result be equal to zero If you sell more products, your business will produce profits, but if you sell less your business will produce losses.

	Α	В	С	D	E	F
1		E-books Sales				
2			Book A	Book B	Book C	
3		Unit Cost	30.00	25.00	40.00	
4		Quantity to Sell	100	50	80	
5						
6		Sale Price	35.00	25.00	38.00	°
7						ē
8		Total Sales	3,500.00	1,250.00	3,040.00	
9		Investment	3,000.00	1,250.00	3,200.00	
10						
11		Profits	500.00	0.00	-160.00	
12		Total Profits	340.00			
13					Brea	keven

In this case, we obtain a profit of \$340.00 Now, we want to obtain no losses nor profits (breakeven) How much, should we increment the price of each product?

Breakeven is the perfect tool for this type of job.

	Α	В	С	D	E	F	G	Н	
1		E-books Sales							
2			Book A	Book B	Book C	- 1	Breakeven		×
3		Unit Cost	35.00	25.00	38.00		Define the ce	ll/range to char	ide:
4		Quantity to Sell	100	50	80		Sales1\$C4	:11:\$E\$11	
5							1 00001404	/11.45411	
6		Sale Price	35.00	25.00	38.00		Changing the	cell(range :	
7							Sales!\$C\$		
8		Total Sales	3,500.00	1,250.00	3,040.00		Dalestaca	J.⊅⊏⊅J	
9		Investment	3,500.00	1,250.00	3,040.00		2	OK N	Cancel
10						M			
11		Profits	0.00	0.00	0.00				
12		Total Profits	0.00			.			
13									

Model Builder For Excel

Models panel

٦

From this option we can execute all models we may have previously saved with any of the following tools: Spreadsheet goal seeker Consolidator Cell's math by format Cell's math by logical criteria Multiple conditional analysis & formatting

What is the purpose of this tool?

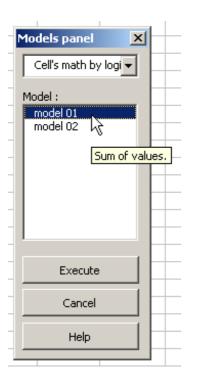
Well, the case is that we are frequently performing the same tasks over the same workbooks.

... and almost inevitably, the input data is the same. So, then, why not save the settings, so that next time we will simply execute those models without having to enter the data again?

If we had not yet saved any model in the current workbook, the following message would appear if we pressed the corresponding button:

Models p	anel X
	You can't use this tool because the active workbook doesn't have saved models.
	Save your customized models using any of the next tools :
	- Spreadsheet Goal seeker. - Consolidator. - Cell's math by format. - Cell's math by logic criteria. - Multiple conditional analysis & formatting.

But, if we have already saved one or more models, the following dialogue box would be shown:



and we would be able to execute any model we wished, from the dialogue box.

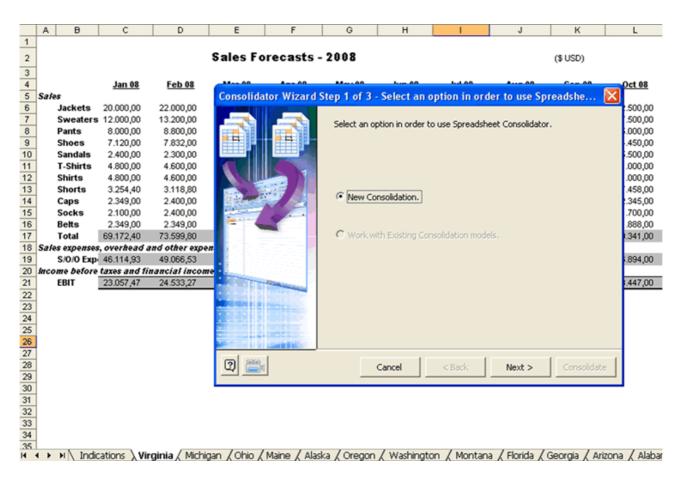
Note: Try to remember that the models you save can only be available for execution in the workbook where they were saved, since these models are saved in a very well hidden sheet of the same workbook.

Consolidator

5

With this tool, you can consolidate several books and/or sheets into one single sheet. A wizard will take you step-by-step throughout the consolidation process. You can either create a new consolidation model and save it, or work with existing, previously saved consolidation models you want to reuse.

You can download the example used in this Help page from this link: Download example



1. As the Wizard dialog pops up, select New Consolidation.

2. Select all sheets to be consolidated (all except for 'Indications', which contain the indications for this example).

	А	В	С	D	E	F	G	Н	- I	J	К	L	М
1													
2					Sales For	ecasts -	2008				(\$ USD)		
3 4													
4			<u>Jan 08</u>	Feb 08	Consolidator	Wizard Ste	p 2 of 3 - Selec	t Workbook:	cs & sheets				<u>80 y</u>
	Sale												
6 7		Jackets	20.000,00	22.000,00			Choose the sheets						00,00
7		Sweaters	12.000,00	13.200,00			from a file, to this e	nd you should	navigate and cl	hoose the button	Add		00,00
8		Pants	8.000,00	8.800,00			_						0,00
9		Shoes	7.120,00	7.832,00		and the second se	🔽 Select all						08,00
10		Sandals	2.400,00	2.300,00			_						0,00
11		T-Shirts	4.800,00	4.600,00			C:VDocuments	-	esus\Escritorio\	the_good_style-:	sales_forecast	🔼 🕹 Add	
12		Shirts	4.800,00	4.600,00			Indication	ns					p0,00
13		Shorts	3.254,40	3.118,80			🦳 🗹 Virginia						54,40
14		Caps	2.349,00	2.400,00			Michigan						\$5,00
15		Socks	2.100,00	2.400,00			- Ohio						00,00
16		Belts	2.349,00	2.349,00			Maine						19,00
17		Total	69.172,40	73.599,80			Alaska					Quit selecti	
	Sale			other expense			✓ Oregon					workboc	17.5
19		S/O/O Exp	46.114,93	49.066,53	·		✓ Washing	ton					70,93
		_	taxes and finar			Contraction of the local division of the loc	Montana						
21		EBIT	23.057,47	24.533,27	Der Bernit bilfe berri	S. A.	Workana					*	35,47
22					• • • • • • • •		<				>	Clear	All
23					THE SHELL IN	110							
24													
23 24 25 26													
26										1	1	1	1
27 28									Cancel	< Back	Next >	Consolida	ate
28													
29													

3. Click on Next.

Now select the range containing the data to consolidate, the mathematical function used for consolidation, and the target range where

the results are to be pasted.

You may save this consolidation model for future use. For further details, please refer to Working with existing models .

	A B	С	D	E	F	G		Н	1		J	К	L	M	N
1															
2				Consolidator W	<mark>izard St</mark>	ep 3 of 3 - I	New Co	onsolida	tion			<u> </u>			
3						Select the rai					- f + + :				
4	J	Jan 08	Feb 08			then press th				e anu resci	or secongs,		Oct 08	Nov 08	Dec 08
5	Sales														
6	Jackets 20.	.000,00	22.000,00			Select the rai	nge to co	onsolidate					12.500,00	18.000,00	23.000,00
7	Sweaters 12.	00,00	13.200,00			Virginia!\$A	\$4:\$N\$2	1		_			7.500,00	10.800,00	13.800,00
8	Pants 8.	000,00	8.800,00		1			-		_			5.000,00	7.200,00	9.200,00
9	Shoes 7.	120,00	7.832,00			🔽 Copy for	mats.						4.450,00	6.408,00	8.188,00
10	Sandals 2.	400,00	2.300,00		A 4 10								5.500,00	2.400,00	2.300,00
11		.800,00	4.600,00		2	Function	SUM			-			11.000,00	4.800,00	4.600,00
12	Shirts 4.	.800,00	4.600,00	L.Y									11.000,00	4.800,00	4.600,00
13		254,40	3.118,80		- 2	Paste results	as C	Value 🤄	Formula	🔘 Link			7.458,00	3.254,40	3.118,80
14	Caps 2.	.349,00	2.400,00										2.345,00	2.345,00	2.349,00
15	Socks 2.	.100,00	2.400,00			Select a simp	le cell to	paste the	results				1.700,00	2.100,00	2.300,00
16		.349,00	2.349,00	:		Virginia!\$A	\$24			-			1.888,00	2.349,00	2.349,00
17	Total 69.	.172,40	73.599,80	· · · · · · · · · · · · · · · · · · ·									70.341,00	64.456,40	75.804,80
	Sales expenses, ov					Option	ally you	can save t	his consolid	lation model		_			
19			49.066,53	DEDERTS PICK PICK AND ADDRESS OF	123								46.894,00	42.970,93	50.536,53
_	Income before taxe				-	Model name	e: Mo	odel1							
21	EBIT 23.	.057,47	24.533,27	The second s		Description	: Sa	les consoli	dation				23.447,00	21.485,47	25.268,27
22 23 24 25 26							-								_
23															
24	-			2 造			<	Back	Consolid	late	Cle	ose			
25									201130110	ucc					
26															

4. Click on Consolidate - and that's it!

You can see the result starting on cell A24.

rrs 12.000,00 8.000,00 7.120,00 s 2.400,00 3.254,40 2.349,00 2.349,00 2.349,00 6.9172,40 6.9172,40 6.9172,40 8ses, overhead at xp 46.114,33 ret taxes and film 2.3057,47	13.200,00 8.800,00 7.832,00 2.300,00 4.600,00 4.600,00 2.400,00 2.400,00 2.349,00 73.599,80 rd other expenses 49.066,53 ancial income 24.533,27	10,800,00 7,200,00 6,408,00 2,200,00 4,400,00 2,983,20 2,450,00 2,590,00 2,349,00 63,690,20 42,460,13 21,230,07	9.600,00 6.400,00 5.696,00 2.500,00 5.000,00 3.380,00 2.345,00 2.345,00 2.300,00 1.677,00 59.908,00 39.938,67 19.969,33	9.300,00 6.200,00 5.518,00 2.800,00 5.600,00 3.796,80 2.349,00 1.900,00 1.888,00 60.451,80 40.301,20	8,700,00 5,800,00 5,162,00 2,900,00 5,800,00 5,800,00 3,932,40 2,349,00 1,600,00 1,999,00 58,542,40 39,028,27	7,200,00 4,800,00 4,272,00 3,000,00 6,000,00 6,000,00 4,068,00 2,560,00 1,500,00 1,678,00 53,078,00 35,385,33	6.000,00 4.000,00 3.560,00 4.000,00 8.000,00 5.424,00 1.340,00 1.376,00 54.870,00 36.580,00	7 200,00 4 800,00 4 272,00 5 000,00 10.000,00 6 780,00 2 789,00 1 800,00 1 876,00 66 317,00 44.211,33	7.500,00 5.000,00 4.450,00 5.500,00 11.000,00 11.000,00 11.000,00 1.458,00 2.345,00 1.700,00 1.888,00 70.341,00 46.894,00	10.800,00 7.200,00 6.408,00 2.400,00 4.800,00 3.254,40 2.345,00 2.345,00 2.345,00 2.349,00 64.456,40 42.970,93	N 13.800 9.200 8.185 2.300 4.600 3.115 2.345 2.300 2.345 75.804 50.536
7.120,00 2.400,00 4.800,00 3.254,40 2.349,00 2.100,00 2.349,00 69.172,40 ses, overhead an xp 46.114,93 ve taxes and fin	7.832,00 2.300,00 4.600,00 3.118,80 2.400,00 2.400,00 2.349,00 73.599,80 rd other expenses 49.066,53 ancial income	6,408,00 2,200,00 4,400,00 2,983,20 2,450,00 2,500,00 2,349,00 63,690,20 42,460,13	5.696,00 2.500,00 5.000,00 3.380,00 2.345,00 2.300,00 1.677,00 59.908,00 39.938,67	5.518,00 2.800,00 5.600,00 3.796,80 2.349,00 1.900,00 1.888,00 60.451,80 40.301,20	5.162,00 2.900,00 5.800,00 3.932,40 2.349,00 1.600,00 1.999,00 58.542,40	4.272,00 3.000,00 6.000,00 4.068,00 2.560,00 1.500,00 1.578,00 53.078,00	3.560,00 4.000,00 8.000,00 5.424,00 2.670,00 1.340,00 1.876,00 54.870,00	4.272,00 5.000,00 10.000,00 6.780,00 2.789,00 1.600,00 1.876,00 66.317,00	4.450,00 5.500,00 11.000,00 7.458,00 2.345,00 1.700,00 1.888,00 70.341,00	6.408,00 2.400,00 4.800,00 3.254,40 2.345,00 2.100,00 2.349,00 64.456,40	8.185 2.300 4.600 3.115 2.345 2.300 2.345 75.804
 2.400,00 4.800,00 4.800,00 3.254,40 2.349,00 2.100,00 2.349,00 69,172,40 69,172,40 se, overhead an apple 46,114,93 re taxes and fin 	2.300,00 4.600,00 3.118,80 2.400,00 2.400,00 2.349,00 73.599,80 ed other expenses 49.066,53 ancial income	2 200,00 4 400,00 4 400,00 2 983,20 2 450,00 2 500,00 2 349,00 63,690,20 42,460,13	2.500,00 5.000,00 3.390,00 2.345,00 2.300,00 1.677,00 59.908,00 39.938,67	2.800,00 5.600,00 3.796,80 2.349,00 1.900,00 1.888,00 60.451,80 40.301,20	2.900,00 5.800,00 3.932,40 2.349,00 1.600,00 1.999,00 58.542,40	3.000,00 6.000,00 4.068,00 2.560,00 1.500,00 1.678,00 53.078,00	4.000,00 8.000,00 5.424,00 2.670,00 1.340,00 1.876,00 54.870,00	5.000,00 10.000,00 10.000,00 6.780,00 2.789,00 1.600,00 1.876,00 66.317,00	5.500,00 11.000,00 11.000,00 7.458,00 2.345,00 1.700,00 1.888,00 70.341,00	2,400,00 4,800,00 3,254,40 2,345,00 2,100,00 2,349,00 64,456,40	2.300 4.600 3.116 2.345 2.300 2.345 75.804
s 4.800,00 4.800,00 3.254,40 2.349,00 2.100,00 69.172,40 ses, overhead a xp 46.114,93 re taxes and fin	4.600,00 4.600,00 3.118,80 2.400,00 2.349,00 73.599,80 rd other expenses 49.066,53 ancial income	4,400,00 4,400,00 2,983,20 2,450,00 2,500,00 2,349,00 63,690,20 42,460,13	5.000,00 5.000,00 3.390,00 2.345,00 2.300,00 1.677,00 59.908,00 39.938,67	5.600,00 5.600,00 3.796,80 2.349,00 1.900,00 1.888,00 60.451,80 40.301,20	5.800,00 5.800,00 3.932,40 2.349,00 1.600,00 1.999,00 58.542,40	6.000,00 6.000,00 4.068,00 2.560,00 1.500,00 1.678,00 53.078,00	8.000,00 8.000,00 5.424,00 2.670,00 1.340,00 1.876,00 54.870,00	10.000,00 10.000,00 6.780,00 2.789,00 1.600,00 1.876,00 66.317,00	11.000,00 11.000,00 7.458,00 2.345,00 1.700,00 1.888,00 70.341,00	4,800,00 4,800,00 3,254,40 2,345,00 2,100,00 2,349,00 64,456,40	4.600 4.600 3.118 2.345 2.300 2.345 75.804
4.800,00 3.254,40 2.349,00 2.100,00 69.172,40 ses, overhead a xp 46.114,93 re taxes and fin	4.600,00 3.118,80 2.400,00 2.349,00 73.599,80 rd other expenses 49.066,53 ancial income	4,400,00 2,983,20 2,450,00 2,500,00 2,349,00 63,690,20 42,460,13	5.000,00 3.390,00 2.345,00 2.300,00 1.677,00 59.908,00 39.938,67	5,600,00 3,796,80 2,349,00 1,900,00 1,888,00 60,451,80 40,301,20	5.800,00 3.932,40 2.349,00 1.600,00 1.999,00 58.542,40	6.000,00 4.068,00 2.560,00 1.500,00 1.678,00 53.078,00	8.000,00 5.424,00 2.670,00 1.340,00 1.876,00 54.870,00	10.000,00 6.780,00 2.789,00 1.600,00 1.876,00 66.317,00	11.000,00 7.458,00 2.345,00 1.700,00 1.888,00 70.341,00	4.800,00 3.254,40 2.345,00 2.100,00 2.349,00 64.456,40	4.600 3.116 2.349 2.300 2.349 75.804
3.254,40 2.349,00 2.100,00 2.349,00 69,172,40 ses, overhead at xp 46,114,93 ore taxes and fin	3.118,80 2.400,00 2.400,00 2.349,00 73.599,80 of other expenses 49.066,53 ancial income	2 983,20 2 450,00 2 500,00 2 349,00 63 690,20 42 460,13	3.390,00 2.345,00 2.300,00 1.677,00 59.908,00 39.938,67	3.796,80 2.349,00 1.900,00 1.888,00 60.451,80 40.301,20	3.932,40 2.349,00 1.600,00 1.999,00 58.542,40	4.068,00 2.560,00 1.500,00 1.678,00 53.078,00	5.424,00 2.670,00 1.340,00 1.876,00 54.870,00	6.780,00 2.789,00 1.600,00 1.876,00 66.317,00	7.458,00 2.345,00 1.700,00 1.888,00 70.341,00	3.254,40 2.345,00 2.100,00 2.349,00 64.456,40	3.118 2.345 2.300 2.345 75.804
2.349,00 2.100,00 2.349,00 69.172,40 ses, overhead at xp 46.114,93 ore taxes and fin	2,400,00 2,400,00 2,349,00 73,599,80 id other expenses 49,066,53 ancial income	2,450,00 2,500,00 2,349,00 63,690,20 42,460,13	2.345,00 2.300,00 1.677,00 59.908,00 39.938,67	2.349,00 1.900,00 1.888,00 60.451,80 40.301,20	2.349,00 1.600,00 1.999,00 58.542,40	2.560,00 1.500,00 1.678,00 53.078,00	2.670,00 1.340,00 1.876,00 54.870,00	2.789,00 1.600,00 1.876,00 66.317,00	2.345,00 1.700,00 1.888,00 70.341,00	2.345,00 2.100,00 2.349,00 64.456,40	2.349 2.300 2.349 75.804
2.100,00 2.349,00 69.172,40 ses, overhead at xp 46.114,93 ore taxes and fin	2.400,00 2.349,00 73.599,80 ad other expenses 49.066,53 ancial income	2.500,00 2.349,00 63.690,20 42.460,13	2.300,00 1.677,00 59.908,00 39.938,67	1.900,00 1.888,00 60.451,80 40.301,20	1.600,00 1.999,00 58.542,40	1.500,00 1.678,00 53.078,00	1.340,00 1.876,00 54.870,00	1.600,00 1.876,00 66.317,00	1.700,00 1.888,00 70.341,00	2.100,00 2.349,00 64.456,40	2.300 2.349 75.804
2.349,00 69.172,40 ses, overhead at xp 46.114,93 ore taxes and fin	2.349,00 73.599,80 ad other expenses 49.066,53 ancial income	2.349,00 63.690,20 42.460,13	1.677,00 59.908,00 39.938,67	1.888,00 60.451,80 40.301,20	1.999,00 58.542,40	1.678,00 53.078,00	1.876,00 54.870,00	1.876,00 66.317,00	1.888,00 70.341,00	2.349,00 64.456,40	2.349 75.804
69.172,40 ses, overhead an xp 46.114,93 ore taxes and fin	73.599,80 of other expenses 49.066,53 ancial income	63.690,20 42.460,13	59.908,00 39.938,67	60.451,80 40.301,20	58.542,40	53.078,00	54.870,00	66.317,00	70.341,00	64.456,40	75.804
ses, overhead a xp 46.114,93 re taxes and fin	d other expenses 49.066,53 ancial income	42.460,13	39.938,67	40.301,20							
xp 46.114,93 re taxes and fin	49.066,53 ancial income				39.028,27	35.385,33	36.580,00	44.211,33	46.894,00	42.970,93	50.538
re taxes and fin	ancial income				39.028,27	35.385,33	36.580,00	44.211,33	46.894,00	42.970,93	50.538
		21.230,07	19.969,33	20.450.60							
23.057.47	24.533,27	21.230,07	19.969,33	20.450.60							
20.001.41				20.150,60	19.514,13	17.692,67	18.290,00	22.105,67	23.447,00	21.485,47	25.268
Jan 08	Feb 08	Mar 08	Apr 08	May 08	<u>Jun 08</u>	Jul 08	Aug 08	Sep 08	Oct 08	Nov 08	Dec
396.375,19	436.012,71	356.737,67	317.100,15	307.190,77	********	*******	198.187,60	********	247.734,50	356.737,67	*****
rs 240.075,12	264.082,63	216.067,60	192.060,09	186.058,21	********	*******	120.037,56	********	150.046,95	216.067,60	\$\$\$\$\$.
160.050,08	176.055,08	144.045,07	128.040,06	124.038,81	********	96.030,05	80.025,04	96.030,05	100.031,30	144.045,07	\$\$\$\$\$.
142.444,57	156.689,03	128.200,11	113.955,65	110.394,54	********	85.466,74	71.222,28	85.466,74	89.027,86	128.200,11	\$\$\$\$\$
48.015,02	46.014,40	44.013,77	50.015,65	56.017,53	58.018,15	60.018,78	80.025,04	********	110.034,43	48.015,02	46.014
s 96.030,05	92.028,79	88.027,54	100.031,30	112.035,05	********	********	160.050,08	********	220.068,86	96.030,05	92.025
96.030,05	92.028,79	88.027,54	100.031,30	112.035,05	********	*******	160.050,08	********	220.068,86	96.030,05	92.025
65.108,37	62.395,52	59.682,67	67.821,22	75.959,77	78.672,62	81.385,46	108.513,95	********	149.206,68	65.108,37	62.395
46.994,70	48.015,02	49.015,34	46.914,68	46.994,70	46.994,70	51.216,02	53.416,71	55.797,46	46.914,68	46.914,68	46.994
	48.015,02	50.015,65	46.014,40	38.011,89	32.010,02	30.009,39	26.808,39	32.010,02	34.010,64	42.013,15	46.014
42.013,15	46.994,70	46.994,70	33.550,50	37.771,82	39.992,51	33.570,50	37.531,74	37.531,74	37.771,82	46.994,70	46.994
46.994,70	1.468.331,71	*********	********	*********	*********	********	*********	********	*********	*********	\$\$\$\$\$.
46.994,70 1.380.130,99											
46.994,70 1.380.130,99 ses, overhead at		240 405 00	668.294,24	674.360,52	********	********	612.093,63	********	784.677,93	719.033,20	\$\$\$\$\$.
46.994,70 1.380.130,99 ses, overhead at xp 771.641,79	821.030,96	710.485,98									
46.994,70 1.380.130,99 ses, overhead at xp 771.641,79	821.030,96 ancial income										\$\$\$\$\$.
	45.994,70	1.380.130,99 1.468.331,71 s, overhead and other expenses	1.380.130,99 1.468.331,71 ###################################	1.380.130,99 1.468.331,71 ####################################	1.380.130,99 1.468.331,71 ###################################	1.380.130.99 1.468.331.71 ###################################	1.380.130,99 1.468.331,71 ####################################	1.380.130,99 1.468.331,71 ####################################	1.380.130,99 1.468.331,71 ###################################	1.380.130,99 1.468.331,71 ###################################	1.380.130,99 1.468.331,71 ####################################

📧 🔹 🕨 🗼 Indications 🔪 Virginia / Michigan / Ohio / Maine / Alaska / Oregon / Washington / Montana / Florida / Georgia / Arizona / Alabama / California / 🔍 💷 🔊

Model Builder For Excel

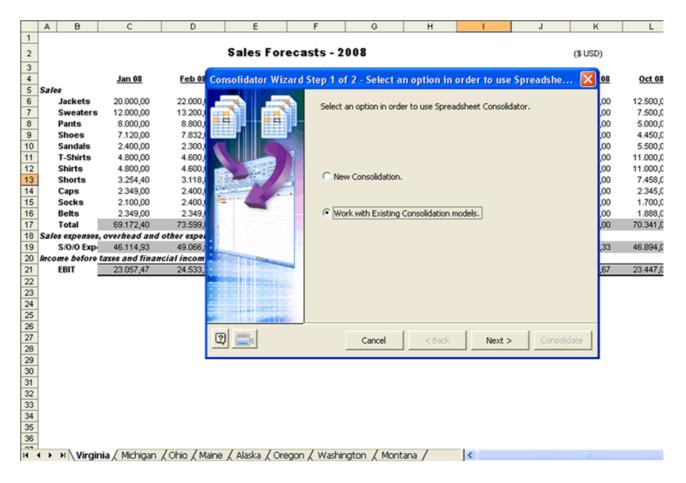
Work with consolidations models

Σ

In this section, you will learn how to work with previously saved consolidation models. You can run directly any saved models, as well as edit and copy them from one book to the other.

1. Open the Consolidator Wizard dialog.

Select Work with existing consolidation models and then click on Next.



2. The dialog has two tabs, Edit and Copy.

Edit Tab

The first dropdown lists the workbooks containing saved consolidation models; as you select one, the second dropdown shows the consolidation models saved in the selected book. Information related to the selected model shown in this tab includes consolidation data range, mathematical function used, target range for .

consolidation results, and the structure of sheets to consolidate.

Once you select the model, click on the Consolidate button and the selected model will run quickly.

	A B	С	D	E	F	G	н	1	J	K	L	
1												
2				Sales For	recasts - 2	008				(\$ USD)		
3												
4		Jan 08	Consolida	tor Wizard St	tep 2 of 2 - W	ork with Ex	isting Cons	solidation mod	els.	<mark> </mark>	Oct 08	
_	Sales		and the second se									
6	Jackets	20.000,00			Edit Copy					00,00	12.500,00	18
7	Sweaters	12.000,00		1 1 1 1 1 1 1 1 1	Workbooks wit	h av a dala		Saved models.		00,00	7.500,00	10
8	Pants	8.000,00				n models.			1=1	00,00	5.000,00	
9	Shoes	7.120,00			Group1.xls		-	Group1-1	-	72,00	4.450,00	ŧ
10	Sandals	2.400,00					Description	Virginia-Montan	a	00,00	5.500,00	1
11	T-Shirts	4.800,00		24774			beschpoon			00,00	11.000,00	4
12	Shirts	4.800,00	A CONTRACTOR		Range to conse	olidate		List of Workbook		00,00	11.000,00	4
13	Shorts	3.254,40	The same	· · · ·	Virginia!\$A\$4	4:4N#21	-	sheets to consol		80,00	7.458,00	1
14	Caps	2.349,00	-		10 90 00 141 14		_		NUCC .	89,00	2.345,00	:
15	Socks	2.100,00			Skip blanks	cells. 🔽 Cop	y formats.	Group1.xls		00,00	1.700,00	-
16	Belts	2.349,00						Virginia Michigan		76,00	1.888,00	
17	Total	69.172,40			Function SU	M	-	Ohio		17,00	70.341,00	64
		overhead and o	oth	Procession in the second se			_	Maine				
19	S/O/O Exp	46.114,93		-	Paste results a	s		Alaska		11,33	46.894,00	4:
		axes and financ	18	And I all a second second	C usha C			Oregon		05.07	00.447.00	2
21	EBIT	23.057,47			😳 Value 🖲	Formula 😒	Link	Washington Montana		05,67	23.447,00	2
22 23			THE R. LEWIS CO.	CHERRICAL	Paste results	Maniala LAAAO		Moncana				
23				COLUMN TO A	Tuble Testales	virginia:\$4\$2	· _					
24			10 mm									
25												
27				Contract Contract								
28										_		
29			a	1				1 1	[and the second			
30			2 🚞			Close	< Back	Next >	Consolidate	_		
31												
32												
33												
34												
35												
36												
14	Virgin	ia / Michigan /	Ohio / Maine	/ Alaska / Or	eann / Washir	naton / Mor	ntana /	<				1
14		No V Inicingen V	Outo Vindine	V wang V O	ogon A masin	ACCULY MOL						

Copy Tab

This tab is an additional utility for advanced users -the more you master this tool, the more useful it will become.

Use this functionality to copy existing models from one workbook to another.

This is useful if the target workbook has the same consolidation structure as the source workbook.

	A B	С	D	E	F	G	н	1	J	K		L	M
1													
2				Color Ford	anoto 1	000							
3			Cons	olidator Wizar	d Step 2 of 2	2 - Work wit	h Existing Co	nsolidation	models.				
4		Jan 08	Feb								1	Oct 08	Nov 08
	Sales				Edit Copy	Y-					L		
6	Jackets	20.000,00	22.0			,					L	12.500,00	18.000,0
7	Sweaters	12.000,00	13.20				والمراجع والمراجع	and the second state			L	7.500,00	10.800,0
8	Pants	8.000,00	8.8		Cop	y saved console	dation models fr	om one book in	to another.		L	5.000,00	7.200,0
9	Shoes	7.120,00	7.8						(m		L	4.450,00	6.408,0
10	Sandals	2.400,00	2.3			ks (Source)			is (Destination)		L	5.500,00	2.400,0
11	T-Shirts	4.800,00	4.60		Group	Lods	-	Group3.	xls	-		11.000,00	4.800,0
12	Shirts	4.800,00	4.60 🚞		Saved m	odalc		Saved mod	tels			11.000,00	4.800,0
13	Shorts	3.254,40	3.1		Group			Group3			L	7.458,00	3.254,4
14	Caps	2.349,00	2.40								L	2.345,00	2.345,(
15	Socks	2.100,00	2.4	10122-012							L	1.700,00	2.100,0
16	Belts	2.349,00	2.3	10.00				1				1.888,00	2.349,(
17	Total	69.172,40	73.5				Copy >	>				70.341,00	64.456,4
	Sales expenses,			C I I I CARGE									
19	S/0/0 Exp	46.114,93	49.06					1				46.894,00	42.970,5
	income before t						Copy all 2	>>				~~	04 405
21	EBIT	23.057,47	24.5									23.447,00	21.485,4
22			-	CALL CONTRACTOR							L		
23	_		1								L	0.4.00	
24	Sales	<u>Jan 08</u>	Feb								L	Oct 08	Nov 08
25	Jackets	203.241,11	223.5									127.025,70	182,917,(
20	Sweaters	203.241,11	136.61								"	77.621.67	111.775.2
28	Pants	82.796,44		6000			1	1	1			51.747,78	74.516,
29	Shoes	73.688,84	91.0 81.0	** *		Close	< Back	Next >	Gonso	lidate		46.055,52	66.319,5
30	Sandals	24.838,93	23.8									56.922,56	24.838,5
31	T-Shirts	49.677,87	47.607,96	45.538,04	51,747,78	57.957,51	60.027,42	62.097,33	82.796,44	\$\$\$\$\$\$	555 1	113.845,11	49.677 (
32	Shirts	49.677,87	47.607,96	45.538,04	51,747,78	57.957,51	60.027,42	62.097,33	82,796,44	******		113.845,11	49.677.8
33	Shorts	33.681,59	32,278,19	30.874,79	35.084,99	39.295,19	40.698,59	42.101,99	56.135,99	70.169,9		77.186,99	33.681
34	Caps	24.311,11	24.838,93	25.356,41	24.269,71	24.311.11	24.311,11	26.494,86	27.633,31	28.864,9		24.269,71	24.269,
35	Socks	21.734,07	24.838,93	25.873,89	23.803,98	19.664,16	16.559,29	15.524,33	13.868,40	16.559,2		17.594,24	21.734.0
36	Belts	24.311,11	24.311,11	24.311,11	17.356,20	19.539,96	20.688,76	17.366,55	19.415,77	19.415,7		19.539,96	24.311
	A N Virgin	ia / Michigan	/ Ohio / Maine	/ Alacka / Oro	CAT ON AG	anton 7 Mon	1000	[500 005 40			102 024 04	000 700 /
H I	Virgin	ia / Michigan	X Onio X Maine	K Miaska X Ole	gun ¿ washir	ngton / Mon	taria /	<					

Multi-sheets Consolidator

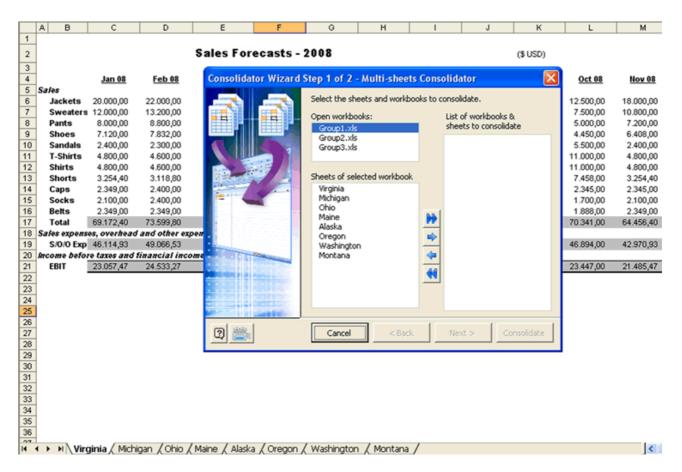
ħ

Use this tool to consolidate two or more books containing sheets with the same consolidation ranges.

Consolidation results may be shown in a new sheet of an existing workbook or in a new workbook.

$1. \ Open \ the \ {\mbox{Multi-Sheets Consolidator wizard}}$.

As shown in the figure below, there are three workbooks: Gropu1.xls, Group2.xls and Group3.xls. Each workbook has sheets to consolidate.



Select all workbooks and click on [>>] to add all sheets to the List of workbooks and sheets to consolidate. Then press Next.

	A B	с	D	E	F	Ĝ	н	1	J	к		L	h
1		, v				, v			· ·				. ·
2	1			Sales Fo	recasts	- 2008				(\$ USD)			
3				-									
4	1	ene-2008	feb-2008	Consolidat	tor Wizard	Step 1 of 2	- Multi-sheet	s Consolid	lator	2	<	oct-2008	nov-
5	Sales	~ ~ ~	~ ~ ~ ~ ~ ~			Colort the sh	eets and workbo		alidaka				~~ ~~
6	Jackets Sweaters	31.110,00 18.666,00	34.221,00 20.532,60			Select the sh	eets and workbo	DOKS CO CONS	olidace.			19.443,75 11.666,25	27.99 16.79
8	Pants	12.444,00	20.532,60			Open workbo	oks:		t of workbook			7.777,50	10.73
9	Shoes	11.075,16	12.182,68			Group1.xls		she	eets to conso	lidate		6.921,98	9.96
10	Sandals	3.733,20	3.577,65		The second	Group2.xls			iroup1.xls			8.555,25	3.73
11	T-Shirts	7.466,40	7.155,30			Group3.xls			irginia			17.110,50	7.46
12	Shirts	7.466,40	7.155,30		551	_			tichigan Nio			17.110,50	7.46
13	Shorts	5.062,22	4.851,29			Sheets of se	ected workbook		nio 1aine			11.600,92	5.06
14	Caps	3.653,87	3.733,20	a designed and		California			laska			3.647,65	3.64
15	Socks	3.266,55	3.733,20	200		Mississippi			regon			2.644,35	3.26
16	Belts	3.653,87	3.653,87		-	Colorado			Vashington			2.936,78	3.65
17	Total	107.597,67	114.484,49						fontana iroup2.xls			109.415,43	100.26
18	Sales expenses	, overhead an	d other expens	es					lorida				
19	S/0/0 Exp	56.352,45	59.959,30		1000			Add all				57.304,47	52.51
20	income before			A CONTRACTOR	Pinter and				rizona				
21	EBIT	51.245,22	54.525,19	100 100 100					labama			52.110,96	47.75
22				-	and a second second				iroup3.xls California				
23									ississippi				
24					CHESTER				olorado				
25				1000	General Sector								
26							1	1			1		
27				2 🖄		Cancel	< Back	N	ext >	Consolidate			
20					·								
30													
31													
32	1												
33													
34	1												
35	1												
36													
	Calife	annia / Mirch	cinni / Colora	do /				<					_
14		Dittila V Missis	siluti V colora	uu /				5					

2. Now select the range to consolidate, the consolidation mathematical function and the target range for consolidation results.

	A B	C	D	E	F	0	н		I	J	K		L	M	N
1															
2				Sales Fore	casts - 2	008					(\$ USD))			
3															
4		Jan 08	Feb 08	Consolid	ator Wizard	Step 2 of	2 - Multi	-sheets (onso	idator			Oct 08	Nov 08	Dec 08
5	Sales														
6	Jackets	20.000,00	22.000,00	18						olidate and re	ist of		2.500,00	18.000,00	23.000,00
7	Sweater	s 12.000,00	13.200,00	10	8.6.5	settings	s, then pres	s the Conso	olidate I	button.			7.500,00	10.800,00	13.800,00
8	Pants	8.000,00	8.800,00	7									5.000,00	7.200,00	9.200,00
9	Shoes	7.120,00	7.832,00	e		Select t	he range to	consolidate	в				4.450,00	6.408,00	8.188,00
10	Sandals	2.400,00	2.300,00			Virgin	ia!\$A\$4:\$N	\$21		-	1		5.500,00	2.400,00	2.300,00
11	T-Shirts		4.600,00	4		-			_		-		1.000,00	4.800,00	4.600,00
12	Shirts	4.800,00	4.600,00			🗹 Skip	blanks cells	i.	Cop	y format.			1.000,00	4.800,00	4.600,00
13	Shorts	3.254,40	3.118,80		N. 4								7.458,00	3.254,40	3.118,80
14	Caps	2.349,00	2.400,00	Same -		Functio	n: SUM			-	1		2.345,00	2.345,00	2.349,00
15	Socks Belts	2.100,00	2.400,00		Contraction of the local division of the loc					_	1		1.700,00	2.100,00	2.300,00
17	Total	2.349,00 69.172,40	2.349,00 73.599,80	63	_	- Past	e result as :				1		1.888,00	2.349,00 64.456,40	2.349,00
_			r 3.599,00 d and other exp		12.00	C	Value	Formula	la (C Link			0.341,00	64,456,40	75.004,00
19		p 46.114,93	49.066.53	47]		6.894.00	42.970.93	50.536,53
			financial inco		in state of the st	- Past	e the result	s in:			1		0.034,00	42.010,00	30.330,35
21	EBIT	23.057,47	24.533,27	21	and the second se		kbook:	(New work)	book)	-			3.447,00	21.485,47	25.268,27
22						WOR	KDOOK:								
23				1 1 2 1 3	10.1000	In the	e range:	Virginia!\$E!	t24	-					
										_					
24 25				-	Contraction in the						-				
26					CONTRACTOR OF STREET, STRE										
27				2 🚞	5	Clos	e	< Back		Next >	Consolid	ate			
28					24										
29															
30															
31															
32															
33															
34															
35 36															
36															
H 4	() → H \Vi	rginia / Mich	nigan / Ohio /	(Maine / Alaska	/ Oregon /	Washingto	n / Mont	ana /						<	

3. Click on the **Consolidate** button, and that's it -the results are all yours.

Notice that the tool has copied all sheets in the consolidation list into this new book and then proceeded to consolidated them in one sheet labeled Consolidation.

	A B	С	D	E	F	G	Н	1	J
1									
2									
3									
4		Jan 08	Feb 08	Mar 08	Apr 08	May 08	<u>Jun 08</u>	<u>Jul 08</u>	Aug 08
5 :	Sales								
6	Jackets	396.375,19	436.012,71	356.737,67	317.100,15	307.190,77	287.372,01	237.825,12	198,187,60
7	Sweaters	240.075,12	264.082,63	216.067,60	192.060,09	186.058,21	174.054,46	144.045.07	120.037,56
8	Pants	160.050,08	176.055,08	144.045,07	128.040,06	124.038,81	116.036,31	96.030,05	80.025.04
9	Shoes	142.444,57	156.689,03	128.200,11	113.955,65	110.394,54	103.272,31	85.466,74	71.222,28
10	Sandals	48.015,02	46.014,40	44.013,77	50.015,65	56.017,53	58.018,15	60.018,78	80.025,04
11	T-Shirts	96.030,05	92.028,79	88.027,54	100.031,30	112.035.05	116.036,31	120.037,56	160.050,08
12	Shirts	96.030,05	92.028,79	88.027,54	100.031,30	112.035,05	116.036,31	120.037,56	160.050,08
13	Shorts	65.108,37	62.395,52	59.682,67	67.821,22	75.959,77	78.672,62	81.385,46	108.513,95
14	Caps	46.994,70	48.015.02	49.015,34	46.914,68	46.994,70	46.994,70	51.216.02	53.416,71
15	Socks	42.013,15	48.015,02	50.015,65	46.014,40	38.011,89	32.010.02	30.009,39	26.808,39
16	Belts	46.994,70	46.994,70	46.994,70	33.550,50	37.771,82	39.992,51	33.570,50	37.531,74
17	Total	1.380.130,99	1.468.331,71	1.270.827,68	1.195.535,00	1.206.508,15	1.168.495,70	1.059.642,25	1.095.868,46
18 :	Sales expenses,	overhead and oth	er expenses						
19	S/0/0 Expen	771.641,79	821.030,96	710.485,98	668.294,24	674.360,52	653.060,51	592.103,25	612.093,63
20	ncome before	taxes and financial	income						
21	EBIT	608.489,20	647.300,75	560.341,70	527.240,76	532.147,64	515.435,20	467.538,99	483.774,84
22			1						
23			•						
24									
25									
26									
27									
28									
29									
30									
31									
32									
33		Consolidation							

Hoja4 Consolidation / Virginia / Michigan / Ohio / Maine / Alaska / Oregon / Washington / Montana / Florida / Georgia / Arizona / A

Note : The worksheet labeled Sheet4 shows an important summary information on consolidated sheets such as workbooks containing them and if there are sheets with the same name. Since Microsoft Excel does not permit sheets with the same label in the same workbook, Multi-Sheets Consolidator has renamed the sheets for you by adding a sequential number to names changed. The summary also shows which sheets were renamed, which is very useful as you can realize where each consolidated sheet comes from. In this example none of the worksheets in the new book have been renamed because all worksheets had different original names.

	A	B	C	D	E	F	G	н	1 I I I I I I I I I I I I I I I I I I I	J	K	L
1	Workbook	Original nam	New name									
2	Group1.xls	Virginia	Virginia									
3	Group1.xls	Michigan	Michigan									
4	Group1.xls	Ohio	Ohio									
5	Group1.xls	Maine	Maine									
6	Group1.xls	Alaska	Alaska									
7	Group1.xls	Oregon	Oregon									
8	Group1.xls	Washington	Washington									
9	Group1.xls	Montana	Montana									
10	Group2.xls	Florida	Florida									
11	Group2.xls	Georgia	Georgia									
12	Group2.xls	Arizona	Arizona									
13	Group2.xls	Alabama	Alabama									
	Group3.xls	California	California									
	Group3.xls	Mississippi	Mississippi									
	Group3.xls	Colorado	Colorado									
17												
18												
19												
20												
21												
22												
23												
23 24												
25												
25 26												
27												
28												
29												
30												
31												
32												
33			ion / Virginia /									

Detailed Consolidation

₹1

This type of consolidation is appropriated if you want to see the detail along with the totals Let's illustrate this tool's performance through a didactic example.

Suppose we have a workbook called "Products", this workbook possesses 6 sheets with following names: "Coffee", "Beverage", "Chocolates", "Fruits", "Others" and the sixth sheet is called "Detailed Consolidation". Also, five of these sheets shows the sales total of a determined product. See the below image:

	В	С	D	E	F	
2		Category	Price	Sales/Unit	Revenue	
3		Beverage A	\$21.00	1	\$21.00	
4		Beverage B	\$11.00	2	\$22.00	
5		Beverage C	\$34.00	3	\$102.00	
6		Beverage D	\$22.00	4	\$88.00	
7		Beverage E	\$32.00	5	\$160.00	
8		Beverage F	\$34.00	6	\$204.00	
9		Beverage G	\$44.00	7	\$308.00	
10						
11		Total Beverage	\$198.00	28	\$905.00	
12						
13						
14						

	В	С	D	E	F	
2		Category	Price	Sales/Unit	Revenue	
3		Cappuccino A	\$20.00	2	\$40.00,]
4		Cappuccino B	\$23.00	2	\$46.00	í –
5		Cappuccino C	\$24.00	2	\$48.00	
6		Espresso A	\$12.00	2	\$24.00	
7		Espresso B	\$23.00	2	\$46.00	
8		Espresso C	\$45.00	2	\$90.00	
9		Latte	\$33.00	2	\$66.00	
10						
11		Total Cappuccino	\$180.00	14	\$360.00	
12						
13						
4.4						

And so on.

Now we click on Detailed Consolidation button and add the 5 sheets we wish to consolidate (less the Detailed Consolidation sheet)

From now on, we proceed to choose the range to consolidate (this range will be the same for each sheet)

1	Arial		v 10	- B	I <u>U</u> ≣≣	E = 🔤 🛒	% * .00 *	Detailed Consolidation	L
			fx				B G	Sheets of active workbook: Selected sheets:	
	В		jx		D	E	F	Decailed Consolidation Beverage	Η
2	_	Category			Price	Sales/Unit	Revenue	Coffee	
3		Beverage A			\$21.00	1	\$21.00	Others	
4		Beverage B			\$11.00	2	\$22.00	44	
5		Beverage C			\$34.00	3	\$102.00	44	
6		Beverage D			\$22.00	4 _	\$88.00		
7		Beverage E			\$32.00	5_	\$160.00		
8		Beverage F			\$34.00	6_	\$204.00	Select the cell/row to consolidate:	
9		Beverage G			\$44.00	7	\$308.00	Beverage!\$C\$11:\$F\$11	
10									
11		Total Bevera	ge		\$198.00	28	\$905.00	Math action: SUM	
12									
13								Paste result as : C Value Formula	
14 15									
16								Paste the results in Detailed Concolidation/utpdt2	
16								Paste the results in (select a cell):	
17									
18 19 20								Consolidate Close	
20									
20									

Likewise, we have chosen the place where the results will be pasted Press on Consolidate button and we will see that the Detailed Consolidation sheet shows the following result.

	A	В	С	D	E	F
1						
2		Cappuccino	Total Cappuccino	\$180.00	14	\$360.00
3		Beverage	Total Beverage	\$198.00	28	\$905.00
4		Coffee	Total coffee	\$198.00	28	\$905.00
5		Fruits	Total Fruits	\$198.00	28	\$905.00
6		Others	Total Others	\$198.00	28	\$905.00
7						
8				\$972.00	126	\$3,980.00
9						
10						.0

Model Builder For Excel

Multi sheet database / consolidator

Do you wish to consolidate data come from many sheets contained in more than one workbook? and, besides, the records are disordered?

Then, this tool will make it for you.

Let's see an example:

Suppose, that I want to consolidate data contained in 2 workbooks,

These workbooks are named: "Example_01.xls" and "Example_02.xls" respectively.

In order to use this tool, first, I must name to each range to be consolidated.

In this example, the ranges' names are the following ones:

Workbook	Name
Examples_01.xls:	tables_01
	tables_02
	tables_03
Examples 02.xls	tables O4

See the named ranges to use:

		_	The following box identified	shows, that the act d by the name: "table	ual selection is 204"	
1	tab	le_04 🔻	<i>f</i> ∡ ID Prod	uct		
Course of	А	в	С	D	E	F
1						
2		ID Product	Deficient products	Solds products	Quantity	
3		DM1099	1	67		
4		AW1199	2	4		
5		GD1099	3	3		
6		GD1199		7		
7		SDG98	1			
8		SDG99	12			
9		SDG97?	1			
10		FVV0999			1	
11		FV/1099		4	2	
12		FV/1199		5	5	
13		TH1199		6	11	
14		TH1299		7	33	
15		GOU0999		8	4	
16		GOU1099			16	
17		GOU1199			25	
18		GOU1299		1	96	
19		ML1199		2	40	
20		NGT1099		3	22	
21		GW1199		4	18	
22						

1	tabl	e_01 🛛 👻	<i>f</i> ∡ ID Produ	ict	
	А	В	С	D	E
1					
2		ID Product	Deficient products	Solds products	Quantity
3		DM1099		67	
4		AW1199		4	
5		GD1099		3	
6		GD1199		7	
7		SDG98	1		
8		SDG99	12		
9		SDG97?	1		
10		FW0999		•	1
11		FV/1099			2
12		FW1199			<u> </u>
13		TH1199			1
14		TH1299			33
	• •	N Sheet1	, / Sheet2 / Sheet3 /		

1	tabl	e_02	-	fx	ID Product		
	Α		В		С	D	E
1							
2			roduct	D	eficient products	Solds products	Quantity
3		GN	41099	ļ			4
4		GN	41199	Į			7
5		GN	41.299	Į			36
6		GN	101.00	Į		¢	4
7		GD	1099	Į		1	
8			V0100	ļ		5	
9		SI)G99	ļ	26	•	
10		SI)G98	ļ	2	0	
11		D	395?	ļ	2	ç	
12		······	G96	ļ	1	ę	
13			11099	ļ		112	
14			1198	ļ			1
15		N Sher	$\frac{1100}{5}$ sheet	2	/ Sheet3 /		
		will (price	er Valleer	~/			

1	table	e_03 🔻	∱ ID Product		
	A	В	С	D	E
1					
2		ID Product	Deficient products	Solds products	Quantity
3		AD0999		14	
4		AD1099		16	
5		CNT199		232	
6		NGT1099		15	
7		GD1099		3	
8		GD1199		4	
9		GD1299		29	
10		GD0100		44	
11		TL1099		5	
12		GOU0999		2	
13		GOU1099		8	
14		GOU1199		16	
	• •	N Sheet1 Sheet	2) Sheet3 /	ا	

Then, we open the corresponding dialog box (showed below) We choose the names that we will use in the consolidation and we finally press on Ok button for to execute the action.

	A	В	С	D	E	F	G
1							
2		Multishee	et database / lo	onsolidator			×
3					1. I. I.		
4		Check to ti	ne named range(s) to add it to the conso	lidation:		
5		🔽 Exam	ples_01.xls > t	able_01		Ok	
6		🔽 Exam	ples_01.xls > t	able_02		R	
7			 ples_01.xls > t			Cancel	
8			ples_02.xls > t				
9 10		Exam	$pies_02, xis > 0$	able_ot			
11							
12							
12 13							
14							
15		👝 Show th	e named range(s)	from:			
16	1	Cart	ve workbook	All open workb	eeke		
17		- ACU	VE WURKDOUK	Mill open workb	OOKS		
18							
19							
20 21 22		Choose the	e math action:	SUM	-		
21							
22		🗖 Paste re	sults as:				
23		Dipa	amic table	O Static table		ſ	2
24 25		Diric				_	~
25							
27	'						

Note that if the selected named range(s) is located in workbooks different, then the consolidation will be done in a new workbook.

The result is a pivot table con the wished consolidation.

If we had chosen "Paste results as... Static table" then the results would be showed in a simple table.

	А	В	С	D	E	F
2						
3	Sheets	(All) 💌				
4						
5	Sum of Value	Column 👻				
6	Row 👻	Deficient products	Quantity	Solds products	Grand Total	
7	AD0999			14	14	
8	AD1099			16	16	
9	AVV0100	11		5	16	
10	AVV1199	4		8	12	
11	CNT199			232	232	
12	DG95		1		1	
13	DG95?	2			2	
14	DG96	1			1	
15	DM1099	1		246	247	
16	FVV0999		2	2	4	
17	FV/1099		4	6	10	
18	FV/1199		10	10	20	
19	GD0100		108	44	152	
20	GD1099	6		10	16	
21	GD1198		1		1	
22	GD1199	7	9	18	34	
23	GD1299		14	29	43	
24	GM0100		4		4	
25	GM1099		4		4	
26	GM1199		7		7	
27	GM1299		36		36	
28	GOU0999		8	10	18	
29	GOU1099		32	8	40	
30	GOU1199		50	16	66	
31	GOU1299		192	69	261	
32	GW1199		36	4	40	
33	LIN1199			10	10	
H -	🗘 🕨 🖌 Shee	et2 / Sheet3 / Sh	eet1 (2) 🏾 🗎	Sheet4 /		

Complex formula's consolidation

This useful tool allows you to make in a simple way, many arithmetic operations at the same time between spreadsheets.

Imagine the next situation:

I have 3 spreadsheets with information in Budget, Effective and Tax.

I want to discount the Effective and Tax information in the Budget sheet. Then I want that the results appear in another sheet called Total. This operation is very easy with this tool.

Let's see the spreadsheets:

	Α	В	C	D	E	F	G	Н		J	K									
1																				
2		Budget	2005 Arr	nounts in	1 USD 10)00														
3																				
4			Feb	March	Apr	May	June	July	Aug	Sep	Oct									
5		6.1	1.5	1.6	2.2	3.3	4.5	3.2	2.5	1.6	3.2									
6		3.2	3.4	3.9	4.7	2.6	2.4	3.1	4.3	2.7	2.5									
7		2.4	2.3	3.3	1.4	1.3	1.5	2.6	4.6	5.1	4.2									
8	-											1								
9																				
10																				
11																				
12																				
13																				
14		-																		
	•	H Budge	et / Effect	ive / Tax	/ Total /			·	•			١Ē								
Read										NUM	Image: A provide the state of the state									

The image above contains data in the B5:K7 range. The same occurs with the Effective and tax sheets. The purpose is to show the consolidation results of the Total sheet.

Click in the correspondent button to show the dialog box and then select the work range:

Complex formula's co	nsolidation 🛛 🗙							
Select a range:	la la							
Budget!\$B\$5:\$K\$7	_							
Click on the wished sheet(s) to build the formula:								
Budget Effective Tax Total	Effective Tax							
Formula editor:								
= () × / /) + - CE C							
- Paste the result(s) in:								
New sheet								
Upper-left cell:	_							
	Do it ! Close							

Now, we will make the formula:

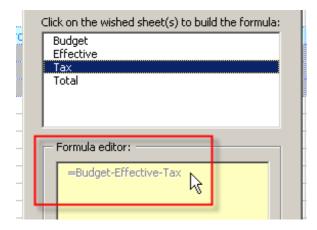
1 Click over the element in the dialog box, Budget. Look that in the dialog box the formula is create.

- 2 Then click in the minus sign button.
- 3 Then choose the element Effective from the sheet list. Look how the formula is start creating:

-	Click on the wished sheet(s) to build the formula:	
.6 .9 .3	Budget Effective Tax Total	1.6 2.7 5.1
	Formula editor:	
	=Budget	
_		E
	= () + - × / ^ CE C	E

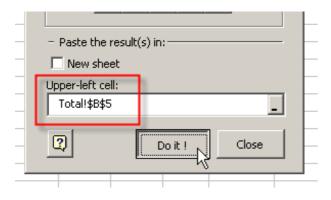
4 Click again in the minus sign button.5 Then click over the Tax element from the list. The formula will look like this:

	Click on the wished sheet(s) to build the formula:	
1arc	Budget	Se
	Effective	ļ
	Tax	
	Total	
_		
_		<u> </u>
_	Formula editor:	
_		
	=Budget-Effective	
		<u> </u>
_		<u> </u>
_	= () + -	
	= () + -	
	× / ^ Œ C	



Now we have to choose where we want to paste the results. In your case it will be in the Total sheet. (it could be also in a new sheet).

These are the results:



These are the results:

	File	<u>E</u> dit <u>V</u>	jew <u>I</u> nse	rt F <u>o</u> rma	t <u>T</u> ools	<u>D</u> ata <u>V</u>	<u>V</u> indow <u>H</u>	<u>H</u> elp <u>⊂</u> OM	Add-Ins			
1		📔 🖬	🔒 🔒 l e	3 🖪 🕯	۵ 🏷	X 🗅 🖻	L = 🞸	v) - (°	- 🕃 😫	Σ • Ζ	↓ X↓ 🛍	1 🚯 1
	iArial - 10 - B I U ≣ ≣ ≣ 🔤 \$%, * € 🐭 🕺 🛱 🛱 🖽 -											
											(C)	▼ Fx •
	B5	5 -	f.	🕯 =Budg	et!B5-Effe	ctive!B5-	Tax!B5					
	А	В	С	D	E	F	G	Н		J	K	L
1												
2		Total						¢				
3												
4								July		Sep	Oct	
5		1.8	-2.9								-3	
6		0.6	-1	-2				·····				
7		-0.9	-1.2	-2.1	-2.9	-1.2	-1.5	-3	-3.9	-2.5	-3	
8												
9 10												
11												
		N \ Budget	/ Effectiv	а /тау \	Total /							
Read		n (buuget	V LITECUV		rocar/							

This has been a simple example. Imagine all the wasted time and troubles that you can save using this tool to create complex formulas that involve data from another sheets.

Model Builder For Excel

Multiple conditional analysis & formatting

86

Multiple conditional analysis & formatting is the tool suitable to format cells in a database based on a criterion previously specified

in the decision table.

Besides, this tool generates a most useful pivot table with mathematical operations in selected fields of the database. For the following example, you will need a database and a decision table.

	А	В	C	D	E	F	G	H	4	J		К	L
1	1			-									
2		SalesPerson	ProductNo	UnitPrice	Quantity	Amount			>=	<=	С	ategory	
3		8	8	9.20	41	377.20			1			ery low	
4		4	48	14.00	30	420.00			6	84	10 L	ow	
5			43	15.00		375.00			11			ormal	
6		5	54	24.00	22	528.00			16		20 H		
7		17	N	15.00	21	315.00			21	A 3	30 V	'ery high	
8		1	5	12.50	50	625.00							i
9		19	58	\$4.00	2	48.00	Multiple	conditional	analysis & f	ormattin	ıg		×
10		12	61	31.62	51	1,581.00							
11		12	4	34.80	21	730.80	Existing	models: (N	lot available m	odel			-
12		30	10	49.30	5	246.50				-			III C
13		19	38	7.45	29	208.60	Select th	ne database (including head	ers			
14		20	38	7.45	28	208.60	Contraction of the		inclosing node		=		
15		11	31	21.05	28	589.40	Jales	\$B\$2:\$F\$30			•	Do it	
16		8	27	19.00	4	76.20	Coll with	i field name to	a ovaluator				
17		19	22	21.05	36	757.80			o evaluace.		-	Paste Dec table exar	
18		17	45	12.50	29	362.50	Sales	!\$B\$2			N		
19		21	4	34.80	23	800.40	Decicion	table (includi	na headers)			Add Pivot report	
20		7	38	7.45	15	111.75			ng neaders).	-		Терон	
21		11	65	55.00	23	1,265.00	Sales	!\$I\$2:\$K\$7			•	Close	
22	_	4	16	19.00	19	361.00	1-1-1		-14			Close	
23		26	41	9.20	9	82.80	I Add	a categorie fi	ela.				
24		9	19	30.00	48	1,440.00	Eorm	at the column	n under observ	ation.			
25		15	12	46.00	12	552.00	L						
26		24	61	31.00	42	1,302.00	Crea	ite a new moo	del.				2
27		22	10	49.30	51	2,514.30	_	1	1		-		
28		11	60	263.50	15	3,952.50					_		
29	_	9	21	12.50		287.50					_		
30	÷ 1	8	9	25.89	30	776.70							
31											-		

once you have entered the information in the dialog, as shown above, click on the Do It button. The result is shown below:

	A	В	С	D	E	F	G
1	-						
2		SalesPerson	ProductNo	UnitPrice	Quantity	Amount	
3		8	8	9.20	41	377.20	
4		4	48	14.00	30	420.00	
5		3	43	15.00			
6		5	54	24.00		10+00000000000000000000000000000000000	
7		17	11	15.00	21	315.00	
8		1	5	12.50	50	625.00	
9		19	58	24.00	2	48.00	
10		12	61	31.00	51	1,581.00	
11		12	4	34.80	21	730.80	
12		30	10	49.30	5	246.50	
13		19	38	7.45	28	208.60	-
14		20	38	7.45		208.60	
15		11	31	21.05	28	589.40	
16		8	27	19.00	4	76.00	
17		19	22	21.05	36	757.80	
18		17	45	12.50	29	362.50	
19		21	4	34.80	23		
20			38	7.45	15	111.75	
21		11	65	55.00	23	1,265.00	
22		4	16	19.00	19 9	361.00	
23		26	41	19.00 9.20	9	82.80	
24		9	19	30.00	48	1,440.00	
25		15	12	46.00	12	552.00	
26		24	61	31.00	42	1,302.00	
27		22	10	49.30	51	2,514.30	
28		11	60	263.50	15	3,952.50	
29			21	12.50	23	287.50	
30		8	9	25.89	30	776.70	
31							

If in addition you wish to have a report in a pivot table with mathematical operations in each field of the database, just check the Add category checkbox in the dialog to enable this option.

Then click on the Add pivot table report button, and choose the fields and math operations you want to perform.

	А	В	C	D	E	F	G	Н	1	J	K	L
1	2											
2	Û.	SalesPerson	ProductNo	UnitPrice	Quantity	Amount			>=	<=	Catego	ry
3		8	8	9.20	41	377.20			1		Very lo	W
4		4	48	14.00	30	420.00			6		Low	
5		3	43	15.00	25	375.00			11		Normal	
6		5	54	24.00	22	528.00			16		High	
7		17	11	15.00	21	315.00			21	30	Very hi	gh
8		1	5	12.50	50	625.00	and the state	Constant of the Party of the	Contract of Contract of Contract			
9		19	58	24.00	2	48.00	Multiple	conditiona	l analysis &	rormatting		×
10		12	61	31.00	51	1,581.00	Choose y	our preferen	ces to general	te the report	3	
11		12	4	34.80	21	730.80			122 22	1000		
12		30	10	49.30	5	246.50	Field		Operation	Number I		
13		19	38	7.45	28	208.60	SalesF	erson 🔻	COUNT -	Defaul	t 🗾	Add
14		20	38	7.45	28	208.60	-					8 X 1
15		11	31	21.05	28	589.40	SalesF	erson 💌	MAX	Defaul	t 💌	
16		8	27	19.00	4	76.00	-		ing an			
17		19	22	21.05	36	757.80	SalesP	erson 💌	MIN	Defaul	t 🗾	
18		17	45	12.50	29	362.50			L.			
19		21	4	34.80	23	800.40	Quant	ity 🗾	MAX	Defaul		
20		7	38	7.45	15	111.75			L MINI	Defaul		
21		11	65	55.00	23	1,265.00	Quant	ity 🔟	MIN			
22		4	16	19.00	19	361.00	- America		SUM 👻	Defaul		
23	2 3	26	41	9.20	9	82.80	Amour	nt 🗾			t 🔟 .	Delete
24		9	19	30.00	48	1,440.00	-					
25	<u> </u>	15	12	46.00	12	552.00	-		8			ancel
26		24	61	31.00	42	1,302.00	-			Ok		
27	-	22	10	49.30	51	2,514.30						
28		11	60	263.50	15	3,952.50			· · · · ·			
29 30			21	12.50	23	287.50						
		8	9	25.89	30	776.70		-			-	
31	P		÷									

	А	В	C	D	E	F	G	Н
1	84 - S							
2		SalesPerson	ProductNo	UnitPrice	Quantity		Category	
3		8	8	9.20	1.000			
4		4	48	14.00		420.00	Very low	
5		3	43	15.00	25		Very low	
6		5	54	and the second	22		Very low	
7	. 1	17	11 5	15.00				
8		1		12.50	50		Very low	
9		19	58	24.00	2	48.00		
10		12	61	31.00	51 21	1,581.00	ADD 10 10 10	
11		12	4	34.80		730.80	Normal	
12		30	10	49.30	5		Very high	
13		19	38					
14	- 1	20	38	7.45	28			
15		11	31	21.05	28	589.40	Normal	
16		8	27	19.00	4	76.00		
17		19	22	21.05	36	757.80		
18		17	45	12.50	29	362.50		
19		21	4	34.80	23	800.40	Very high	
20		7.	38	7.45	15			
21		11	65		23			
22		4	16	19.00	19	361.00	Very low	
23		26	41	9.20	9		Very high	
24		9	19	30.00	48			
25		15	12	46.00	12	552.00	Normal	
26		24	61	31.00	42	1,302.00	Very high	
27		22	10	49.30	51		Very high	
28		11	60	263.50	15	3,952.50	Normal	
29			21	12.50	23	287.50	Low	
30		8	9	25.89	30	776.70	Low	
31		-						

	A	В	C	D	E .	F	G
1					<u> </u>		
2							
3		Data 👻				1	
4	Category -	COUNT OF SALESPERSON	MAX OF SALESPERSON	MIN OF SALESPERSON	MAX OF QUANTITY	MIN OF QUANTITY	SUM OF AMOUNT
5	High	6	20	17	36	2	1900.5
6	Low	6	9	7	48	4	3069.15
7	Normal	6	15	11	51	12	8670.7
8	Very high	5	30	21	51	5	4946
9	Very low	5	5	1	50	19	2309
10	Grand Total	28	30	1	51	2	20895.35
11							-



Conditional Text is the tool suitable to format cells in a range/database based on a criterion previously specified in the decision table.

For the following example, you will need a database and a decision table, as shows the image:

Conditional Text	×
Range to evaluate:	
Selection of active sheet	Active sheet
Selection of each sheet	Entire workbook
Select the Decision table:	
	-
Auto-Refreshing	
The range in evaluation	
✓ The Decision Table (Useful if you are constantly mod	ifying the Decision Table)
T Is case sentitive.	Execute Close

	А	В	С	D	E	F	G	Н	Ι
1									
2			Full	Fast	Lite	NINA			
3		Retail	s	Assessing	NA	Prioritized		Assessing	
4		Direct	S	A	S	S		Opt Out	
5		Tech	A	Assessing	NA	Opt Out		Prioritized	
6		Consumer orig	A	A	A	A		XXX	
7		Institutional	XXX	A	Assessing	ххх		S	
8								Olympus	
9									
10									
11			Full	Fast	Lite	NINA			
12		Retail	NA	а	s	Olympus			
13		Direct	S	A	S	S			
14		Tech	NA	prioritized	A	Opt Out			
15		Consumer orig	A	A	A	А			
16		Institutional	Assessing	A	XXX	OLYMPUS			
17									

use instructions:

1.- Enter the Decision table in the dialog box:

	Conditional Text
Assessing	
Opt Out	Range to evaluate:
Prioritized	Selection of active sheet Active sheet
XXX S	
Olympus	O Selection of each sheet O Entire workbook
Crympus	
	Select the Decision table:
	Sheet3!\$H\$3:\$H\$8
	Auto-Refreshing
	The Decision Table (Useful if you are constantly modifying the Decision Table)
	Is case sentitive. Execute Close

2.-Click on the OK button.

The result is shown below:

	А	В	С	D	E	F	G	Н	Ι
1									
2			Full	Fast	Lite	NINA			
3		Retail	s	Assessing	NA	Prioritized		Assessing	
4		Direct	S	A	S	S		Opt Out	
5		Tech	A	Assessing	NA	Opt Out		Prioritized	
6		Consumer orig	A	A	A	A		XXX	
7		Institutional	XXX	A	Assessing	XXX		S	
8								Olympus	
9									
10									
11			Full	Fast	Lite	NINA			
12		Retail	NA	а	s	Olympus			
13		Direct	S	A	S	S			
14		Tech	NA	prioritized	A	Opt Out			
15		Consumer orig	A	А	A	A			
16		Institutional	Assessing	A	XXX	OLYMPUS			
17									

Notes:

If you wish to stop the automatic update , open the dialogue box again and quit check of the Auto-refresh.... then press the button close in order to close the dialogue box.

The refreshing option applies only on the active sheet.

Model Builder For Excel

Consolidate ranges

급

With this tool you can consolidate ranges of different sheets in the open workbooks as closed workbooks as well.

Click here to select the sheets...

Use instructions:

1. In the appearing window press the button:

Consolidate ranges

Click here to select the sheets...

Select the header's titles (a single row):

Paste the ranges in...

Paste the ranges in...

A single sheet for all workbooks

Include Formats.

Ok

Cancel

The window Select Workbooks & sheets should be open:

Select Workbooks & sheets	x
Choose the sheets you wish concatenate, you can also reference the file, to this end you should navigate and choose the button Add	nem from a
□ Select all	,
G:\Users\Administrador\Desktop\beverage\beverage 02.xlsx	
diet drinks	Add
beer wines	
G:\Users\Administrador\Desktop\beverage\beverage 01.xlsx	Quit selected workbook(s)
milkshake	Clear All
Ok	Cancel

2. The sheets that you will include in the consolidation must be chosen. You can also reference them from a file, to this end you should navigate and choose the button

Add...

Choose the sheets you wish concatenate, you can also reference them from a file, to this end you should navigate and choose the button Add Select all G:\Users\Administrador\Desktop\beverage\beverage 02.xlsx G:\Users\Administrador\Desktop\beverage\beverage03.xlsx G:\Users\Administrador\Desktop\beverage\beverage03.xlsx G:\Users\Administrador\Desktop\beverage\beverage03.xlsx G:\Users\Administrador\Desktop\beverage\beverage 01.xlsx	Select Workbooks & sheets	23
✓ G:\Users\Administrador\Desktop\beverage\beverage 02.xlsx ✓ energy drinks ✓ carbonated beverage ✓ diet drinks ✓ G:\Users\Administrador\Desktop\beverage\beverage03.xlsx ✓ cola ✓ beer ✓ g:\Users\Administrador\Desktop\beverage\beverage01.xlsx		em from a
energy drinks Add ✓ carbonated beverage Add ✓ diet drinks Add ✓ G:\Users\Administrador\Desktop\beverage\beverage03.xlsx Add ✓ cola beer ✓ Wines ✓ G:\Users\Administrador\Desktop\beverage\beverage 01.xlsx ✓ G:\Users\Administrador\Desktop\beverage\beverage 01.xlsx Quit	🗔 Select all	
teas milkshake Clear All	 energy drinks carbonated beverage diet drinks G:\Users\Administrador\Desktop\beverage\beverage03.xlsx cola beer wines G:\Users\Administrador\Desktop\beverage\beverage 01.xlsx Coffee teas 	Quit selected workbook(s)
Ok Cancel	Ok	Cancel

The ranges must have the equal headboards, so that the consolidation can work correctly. Example:

beverage 02.xlsx - Microsoft Excel							
60	Category	Price	Sales/Un	it Revenue			
61	Beverage H	\$21.00	2	\$42.00			
62	Beverage I	\$11.00	3	\$33.00			
63	Beverage J	\$34.00	1	\$34.00			
64	Beverage K	\$22.00	4	\$88.00			
65	Beverage M	\$32.00	3	\$96.00			
66	Beverage N	\$34.00	2	\$70.00			
67	Beverage O	\$44.00	1	\$88.00			
14 4	► ► energy dri	nks carbon	ated beve	erage 🖉 diet drinks			

100	Category	Price	Sales/Uni	it Revenue	
101	Beverage P	\$21.00	2	\$42.00	
102	Beverage Q	\$11.00	3	\$33.00	
103	Beverage R	\$34.00	1	\$34.00	
104	Beverage S	\$22.00	4	\$88.00	
105	Beverage T	\$32.00	3	\$96.00	
106	Beverage U	\$34.00	2	\$70.00	
H + + H cola beer wines					

beverage03.xlsx - Microsoft Excel

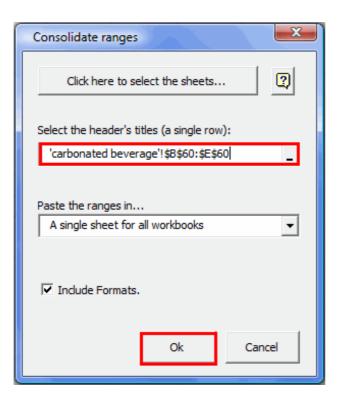
beverage 01.xlsx - Microsoft Excel

20	Category	Price	Sales/Unit	Revenue
21	Beverage A	\$21.00	1	\$21.00
22	Beverage B	\$11.00	2	\$22.00
23	Beverage C	\$34.00	3	\$102.00
24	Beverage D	\$22.00	4	\$88.00
25	Beverage E	\$32.00	5	\$160.00
26	Beverage F	\$34.00	6	\$204.00
27	Beverage G	\$44.00	7	\$308.00
14 4	► ► Coffee	teas n	nilkshake 🏑 🞾 🦯	I 4 📃

-Select the headboard of ranges from any of the mentioned sheets.

Category Price Sales/Unit Revenue

3.-Click on the **OK** button.



Finally this is the result.

	Α	В	С	D
1	Category	Price	Sales/Unit	Revenue
2	Beverage H	\$21.00	2	\$42.00
3	Beverage I	\$11.00	3	\$33.00
4	Beverage J	\$34.00	1	\$34.00
5	Beverage K	\$22.00	4	\$88.00
6	Beverage M	\$32.00	3	\$96.00
7	Beverage N	\$34.00	2	\$70.00
8	Beverage O	\$44.00	1	\$88.00
9	Beverage P	\$21.00	2	\$42.00
10	Beverage Q	\$11.00	3	\$33.00
11	Beverage R	\$34.00	1	\$34.00
12	Beverage S	\$22.00	4	\$88.00
13	Beverage T	\$32.00	3	\$96.00
14	Beverage U	\$34.00	2	\$70.00
15	Beverage V	\$44.00	1	\$88.00
16	Beverage A	\$21.00	1	\$21.00
17	Beverage B	\$11.00	2	\$22.00
18	Beverage C	\$34.00	3	\$102.00
19	Beverage D	\$22.00	4	\$88.00
20	Beverage E	\$32.00	5	\$160.00
21	Beverage F	\$34.00	6	\$204.00
22	Beverage G	\$44.00	7	\$308.00

Microsoft Excel	×
A new workbook with the ranges	has been added.
	ОК

The ranges of its 3 sheets have been consolidated in one sheet.

Categorize database

Use this practical tool to categorize records in a database, based on a category table.

It also provides as much as four category levels.

The following example will illustrate how this beneficial tool works:

Consider the following database and the (one-level) category table:

Categories		
>=	<=	Seller
1000	2000	Bad
2100	3000	Regular
3100	5000	Great

Database					
Year	First name	Last name	City	Gender	Sales
2004	Chris	Sleep	Gastonia	M	\$ 2,500.00
2004	Ellen	Oaks	Raleigh	F	\$ 1,300.00
2005	George	Porge	Concord	M	\$ 2,200.00
2002	James	Doe	Charlotte	M	\$ 3,500.00
2002	Jean	Queen	Charlotte	M	\$ 2,400.00
2002	Joe	Jones	Raleigh	M	\$ 2,300.00
2002	John	Doe	Gastonia	M	\$ 1,000.00
2001	Mary	Contrary	Wilmington	F	\$ 2,000.00
2001	Max	Steel	Charlotte	F	\$ 3,000.00
2001	Rachel	Quispe	Charlotte	F	\$ 4,000.00
2001	Paula	Mann	Concord	M	\$ 5,000.00
2003	Peter	Holland	Maryland	F	\$ 1,500.00
2003	Sadie	Smith	Wilmington	F	\$ 2,000.00
2002	Sam	Pam	Raleigh	M	\$ 2,500.00
2001	Samantha	Bell	Gastonia	F	\$ 2,500.00

Follow the following steps:

Click on the Categorize button in the toolbar, then:

1. Choose the database and the field to be evaluated.

2. Select the category table.

3. Finally, choose the destination cell to paste results.

	E	F	G	Н		J	K	L
1								
2								
3	City	Gender	Sales			Categories	s table	
4		Categorize database	2		×	>=	<=	Seller
5	Raleigh					1000	2000	Bad
6	Concord	Select the database	(including headers):	_		7 2100	3000	Regular
7	Charlotte	Tables!\$B\$3:\$G\$18	3 _	Do	it	, 3100	5000	Great
8	Charlotte	,				F.		
9	Raleigh	Cell with field name t	o evaluate:	Clos	e			
10	Gastonia	Tables!\$G\$3	_					
11	Wilmington			100 100	2			
12	Charlotte	Categories table (inc						
13	Charlotte	2 Tables!\$J\$4:\$L\$7	Get sample table					
14	Concord			-				
15	Maryland	3 Destine: Tables!\$	H\$3	🗌 🗖 Add Piv	ot table			
16	Wilmington							
17	Raleigh *	IAI	\$ 2,500.00					
18	Gastonia	F	\$ 2,500.00					

4. The table below shows how the result will be displayed.

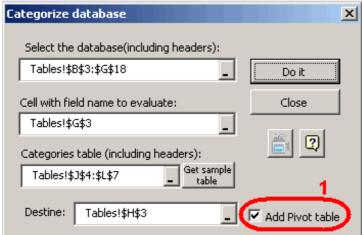
	Α	В	С	D	E	F	G	Н
1								
2		Database						
3		Year	First name	Last name	City	Gender	Sales	Seller
4		2004	Chirs	Sleep	Gastonia	M	\$2,500.00	Regular
5		2004	Ellen	Oaks	Raleigh	F	\$1,300.00	Bad
6		2005	George	Porge	Concord	M	\$2,200.00	Regular
7		2002	James	Doe	Charlotte	M	\$3,500.00	Great
8		2002	Jean	Queen	Charlotte	M	\$2,400.00	Regular
9		2002	Joe	Jones	Raleigh	M	\$2,300.00	Regular
10		2002	John	Doe	Gastonia	M	\$1,000.00	Bad
11		2001	Mary	Contrary	Wilmington	F	\$2,000.00	Bad
12		2001	Max	Steel	Charlotte	F	\$3,000.00	Regular
13		2001	Rachel	Quispe	Charlotte	F	\$4,000.00	Great
14		2001	Paula	Mann	Concord	M	\$5,000.00	Great
15		2003	Peter	Holland	Maryland	F	\$1,500.00	Bad
16		2003	Sadie	Smith	Willmington	F	\$2,000.00	Bad
17		2002	Sam	Pam	Raleigh	M	\$2,500.00	Regular
18		2001	Samantha	Bell	Gastonia	F	\$2,500.00	Regular

Besides, You can use the added field to create a pivot table.

In order to obtain the pivot table you must activate the corresponding check to the option: "add pivot table", Then you have to indicate the fields you want to analyze together with the kind of format you want to visualize for the pivot table.

An example is shown on the images

1. Check on "Add pivot table"



2. Indicate the fields to analyzer and the kind of formats you want to visualize

Year	First name	Last name	City	Gender	Sales	
2004	Chirs	Sleep	Gastonia	Gastonia M		
2004	Ellen	Oaks	Raleigh	F	\$1,300.00	
2005	Categorize	database		×	\$2,200.00	
2002	channe and	6			\$3,500.00	
2002	Choose you	r prererences to g	enerate the report:		\$2,400.00	
2002					\$2,300.00	
2002	Year	✓ COL	NT 🚽 🛛 Default	▼Add	\$1,000.00	
2001	City	- cou	NT 🚽 Default	-	\$2,000.00	
2001				-	\$3,000.00	
2001	Sales	MAX	Default	•	\$4,000.00	
2001	Sales	▼ SUM	▼ Default	▼ Delete	\$5,000.00	
2003	Jaies			▼ _ Delete	\$1,500.00	
2003			-		\$2,000.00	
2002			2 OK		\$2,500.00	
2001	Sannanitria	ben	Gasconia		\$2,500.00	

3.Press the button "Do it"

Categorize database	×
Select the database(including headers):	3
Tables!\$B\$3:\$G\$18	Do it
Cell with field name to evaluate:	Close
Tables!\$G\$3	
Categories table (including headers):	
Tables!\$J\$4:\$L\$7	
Destine:	
Tables!\$H\$3	add pivot table 🥣

Note: Optionally you can press the button "View pivot table" to change your preferences concerning to the creation of the pivot table.

This is the result

	Data	Data									
Seller 🛛 🔽	COUNT OF YEAR	COUNT OF CITY	MAX OF SALES	SUM OF SALES							
Bad	5	5	2000	7800							
Great	3	3	5000	12500							
Regular	7	7	3000	17400							
Grand Total	15	15	5000	37700							

Multiple IF

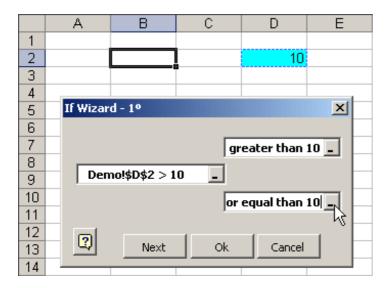
s

Have you ever tried to build a formula containing several embedded IFs? Complicated, right? We know that, too... But, as developers, we want to make things easier for you: Multiple IF is the tool created to build formulas for you.

You just have to make sure you indicate the right parameters, and Multiple IF will do the rest. Let us look at the following examples:

Let us start by building a formula with a simple IF, in the selected cell.

The question is: If Cell D2 is greater than 10, the message will be "It is greater than 10"; otherwise, the message will be "It is lower than or equal to 10".



After entering all the data, we will press the OK button.

B2		✓ f =IF(D2 > 10,"greater than 10","Least or equal than 10")						
	A	В	С	D	E	F		
1								
2		Least or equal than 10		10				
3		C.	1					
4								

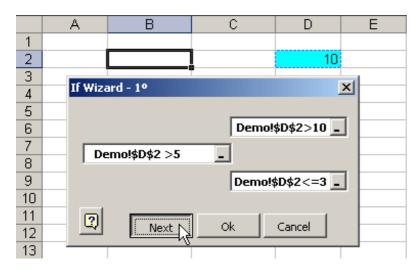
You have just created your first IF formula, in the simplest possible manner.

Now let us take a look at a more elaborate example:

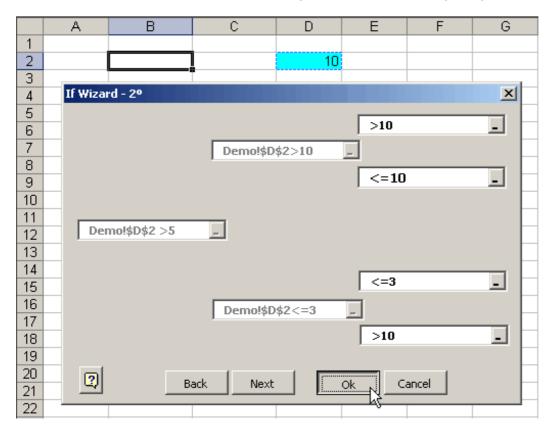
We will work on the same cell from the previous example. We will ask:

Is Cell D2 greater than 5? If true, let it ask again: Is Cell D2 greater than 10?

If Cell D2 is lower than 5, then let it ask again: Is Cell D2 lower than or equal to 3? Watch the figure below:



Then we click on the Next button to continue building our formula. The following dialogue box will be displayed:



Note that in the first part of the IF (is it greater than 10?) there are two possible answers: if True: ">10", of False: "<=10" Then, for the second part of the formula (is it lower than or equal to 3?), there are also two possible answers: if True: "<=3"; and if False: ">10"

Finally, we press the OK button to see the results.

	B2 • fx =IF(D2 >5,IF(D2>10,">10","<=10"),IF(D2<=3,"<=3",">10"))							
	A	В	С	D	E	F	G	Н
1								
2		<=10	.	10				
3			ω.					

Notice how complex the formula is, and how difficult it would have been to do it manually.

One more thing: note that the dialogue box has a Next button; this is for a higher level of complexity. Use it if you need it.

Use this tool and have fun building your formulas.

Waited average

₽

This practical tool allows you to find the weighted average of a set of values. Let us see the following example:

We have a student's grade, and we need to know his weighted average. We click on the corresponding button and fill the data on the figure.

	A	В	С	D	E	F	G	Н		J
1										
2		Course	Score	Credits			Average:			
3		Accounting		3				7		
4		Administrative leadership	8	4	Waite	ed average	Wizard	(×
5		Anthropology	8	4	1		11			
6		Architecture	9 🔨	4	Past	te the results	inside the cel	:		
- 7 -		Art history		5	SI	udent!\$H\$2	1			
8		Biological sciences	7	5	_ /					- 2
9		Chemistry	8	5		🔿 As value	9	As fo	rmula	
10		Communication	9	4						
11		Comparative literature	7	3		nter the data	:			
12		Criminal justice	7	3	AI	rray of values	: Studen	t!\$C\$3:\$C\$1;	2	
13										
14					A	rray of weight	Studer	FIGD43-4D41	2	
15							Dedder	(:+0+0+0+0+1)	-	-
16										
17					0			Ok	1	
18					2			OK	Cano	
19										
20										

Finally, we click on the OK button and the result will be displayed below:

	А	В	С	D	E	F	G	H
1								
2		Course	Score	Credits			Average:	7.85,
3		Accounting	7	3				
4		Administrative leadership	8	4				
5		Anthropology	8	4				
6		Architecture	9	4				
7		Art history	8	5			- C)	
8		Biological sciences	7	5				
9		Chemistry	8	5				
10		Communication	9	4				
11		Comparative literature	7	3				
12		Criminal justice	7	3				
13								

Formula's error

B

This useful tool detects whenever one enters data that will cause an error in the formula.

Follow these steps:

- 1.- Select a range containing formulas.
- 2.- Click on the corresponding button. The dialogue box shown below will appear.
- 3.- Enter the data as applicable.

		-	<i>f</i> ∗ =B3+0	3					
	A	В	С	D	E	F	G	Н	
1					Formu	ıla's error			×
2		А	В	Formulas	_				
3		7	11	18		elect range —			
4		8	22	30	\$	D\$3:\$D\$12			_
5		8	33	41					
6		9	44	53	Er Er	ror types —			
7		8	55	63		Any error v #DIV/0!, #I	alue (#N/A, -	#VALUE!, #F	REF!,
8		7	66	73		#DIV/0!, #I	NUM!, #NAM	IE?, or #NULI	L!)
9		8	77	85		Only the #M	I/A error val	Je	
10		9	88	97			alua avcant i	461/A	
11		7	99	106	`	Any error v	alue except (жтүн	
12		7	110	117					
13					If ye	our formula av	oid an error,	, then display	/:
14					Er	ror fatal			
15					- n				
16	Mess	sage custom	ized by the	user.	You	do not need t	o use " " for	text messagi	es.
17					Use	= for formula	s.		
18									
19					2		0	k Ca	ancel
20									
21									

The message customized by user can be text, a cell's address, a formula, or nothing.

If a formula, it must be preceded by the equal sign.

Finally, click OK and watch how, in the formulas bar, the active cell's formula has changed.

	D3	-	<i>f</i> ∗ =IF(ISI	ERROR(B3+C3),	"Error fatal	",B3+C3)
	A	В	С	D 🋧	E	F
1						
2		Α	В	Formulas		
3		7	11	18 /		
- 4		8	22	30		
5		8	33	41		
6		9	44	53		
- 7 -		8	55	63		
8		7	66	73		
9		8	77	85		
10		9	88	97		
11		7	99	106		
12		7	110	117		
13						

Let us make an error on purpose, so we can see the tool in action.

When there is an error, the message we had previously configured will show the following (look at the cells marked in red):

	B3	•	fx xxx	
	A	В	С	D
1				
2		А	В	Formulas
3			11	Error fatal
4		8	22	30
5		8	33	41
6		9	44	53
- 7		8	55	63
8		7	66	73
9		8	77	85
10		9	88	97
11		7	99	106
12		7	110	117
13				

This task can be undone by clicking on the Excel Undo button.

Cell's math by format / by logical criteria

Cell's math by format

Use this gainful tool to search all cells in a specific range with a particular background color and to do some math with the results.

The following database will be used to explain the way this advantageous tool works (link to the database)

These are the steps:

If you wish, include the active cell in the target range, so that the cells surrounding the active cell become the target range.

- 1. Click on the the Cell's Math By Format button in the toolbar.
- 2. Select the target range and the mathematical operation you wish to do:

	Α	В	С	Cell's math by format/by logical criteria 🙁	
1					
2		Year	First name	💿 By format 🔿 By logical criteria 🗜	er
3		2004	Chris	Select the target range : Select a math action :	
4		2004	Ellen	🚽 rmat]\$B\$2:\$F\$17 💶 SUM 💌	
5		2005	George	Select a range with the colors to evaluate :	
6		2002	James	Deleccia range with the colors to evaluate :	
7		2002	Jean		
8		2002	Joe		
9		2002	John	Take target range from :	
10		2001	Mary	• The active sheet	
11		2001	Max		
12		2001	Rachel	Paste result as :	
13		2001	Paula	C Value 💽 Formula	
14		2003	Peter	Inside the cell :	
15		2003	Sadie		
16		2002	Sam		
17		2001	Samantha	Create model Ok Cancel	

3. Select the range containing the colors to be searched.

4. Decide which sheets contain the same range to be searched.

5. The results may be pasted either as values or as formulas. Try for yourself.

6. Select the cell(s) you want to paste the results in.

E	F	G	н
Cell's math by fo	rmat/by logical cri	teria 🗙	
	C By logical criteria range : Select a math 17 _ SUM	F h action :	
	with the colors to eva at!\$H\$9:\$H\$10	iluate :	
Take target ran 4 • The active sh	nge from : neet O The selected	l sheets	
Paste result as 5 O Value	: 💽 Formula		
6 Inside the cell :	format!\$H\$16	-	
Create m	odel Ok	Cancel	

Observation:

Excel doesn't allow to create formulas that contains too many characters.

If the operation's result, that you executed, thrown excessive characters, then Cell's math by format will inform you, and it, optionally, let you to paste the results of your operation, but only as values. This is a good alternative.

Cell's math by logical criteria

This useful tool performs mathematical calculations (adding, counting, finding highest, etc.), using cells that meet a given criteria (greater than, less than, equal to, etc.).

For this purpose, we need you to build a small decisions table, as illustrated below.

Let us analyze the example:

There is a small database and a decisions table.

	A	В	С	D	E	F	G	H
1								
2			Product Name	Category	Unit Price		>=	<=
3		1	Laughing Lumberjack Lager	Beverages	\$14.00		0	3
4		2	Outback Lager	Beverages	\$15.00		4	6
5		3	Rhönbräu Klosterbier	Beverages	\$7.75		7	9
6		4	Lakkalikööri	Beverages	\$18.00		10	12
7		5	Aniseed Syrup	Condiments	\$10.00		13	16
8		6	Chef Anton's Cajun Seasoning	Condiments	\$22.00		Decis	ion table
9		7	Chef Anton's Gumbo Mix	Condiments	\$3.00			
10		8	Grandma's Boysenberry Spread	Condiments	\$5.00			
11		9	Northwoods Cranberry Sauce	Condiments	\$1.00			
12		10	Genen Shouyu	Condiments	\$15.50			
13		11	Sirop d'érable	Condiments	\$9.00			
14		12	Vegie-spread	Condiments	\$43.90			
15			Louisiana Fiery Hot Pepper Sauce	Condiments	\$21.05			
16			Louisiana Hot Spiced Okra	Condiments	\$17.00			
17		15	Original Frankfurter grüne Soße	Condiments	\$13.00	-		
18		16	Pavlova	Confections	\$17.45			
19		17	Teatime Chocolate Biscuits	Confections	\$9.20		Database	
20		18	Sir Rodney's Marmalade	Confections	\$11.00			
21		19	Sir Rodney's Scones	Confections	\$10.00			
22		20	NuNuCa Nuß-Nougat-Creme	Confections	\$14.00			
23								

Clicking on the proper button will bring the dialogue box. Now let us enter data, as follows:

	А	В	С	D		E	F	G	H
1									
2		ID	Product Name	Catego	лу	Unit Price		>=	<=
3		1	Laughing Lumberjack Lager	Beverag	ļes	\$14.00		0	3
4		2	Outback Lager	Beveraç	ļes	\$15.00		4	6
5		3	Rhönbräu Klosterbier	Beverag	ļes	\$7.75	1	7 🗧	9
6		4	Lakkalikööri	Beveraç	jes	\$18.00		10	12
- 7 -		5	Aniseed Syrup	Condime		\$10.00		13	16
8		6	Chef Anton's Cajun Seasoning	Condime		\$22.00	1		
9		7	Chef Anton's Gumbo Mix	Condime		\$3.00	1	4	
10		8	Grandma's Boysenberry Spread	Condim	Cell's r	nath by forma	/by loc	nical riteri	a X
11		9	Northwoods Cranberry Sauce	Conaim				_	
12		10	Genen Shouyu	Condim	Ову	format 💽 🧕	y logical ci	riter <mark>ia</mark>	
13		11	Sirop d'érable	Condim				1 5	
14		12	Vegie-spread	Condim	Select	t the targe <mark>t</mark> rang	ge : Sele	ct <mark>ia</mark> math ac	tion :
15		13	Louisiana Fiery Hot Pepper Sauce	Condim	roduc	ts!\$E\$3; <mark>,</mark> E\$22	_ 51	L <mark>1</mark> 4	•
16		14	Louisiana Hot Spiced Okra	Condim				and the second	
17		15	Original Frankfurter grüne Soße	Condim		lect the range w		cision cable	
18		16	Pavlova	Confect		roducts!\$G\$2:\$:H\$7		
19		17	Teatime Chocolate Biscuits	Confect		Paste Decis	ion tobo	ovomelo I	
20		18	Sir Rodney's Marmalade	Confect				example	
21		19	Sir Rodney's Scones	Confect			. –		
22		20	NuNuCa Nuß-Nougat-Creme	Confect		ke target range			
23					● T	he active sheet	💡 The	selected she	eets
24							1		
25					Pas	ste result as : -	-		
26						🔿 Value	ΘF	ormula	
27					Insi	de the cell : 👖	Products	¢G\$9	
28					2.131		, rodacts:	4947	
29							1		
30					2	Create model	0	k Ca	ncel
31									

We have only taken the selected column for the analysis range. Click on the OK button. The results will be displayed in the following figure:

fx =SUM(Products!E9,E	11)				
С	D	E	F	G	Н
lame	Category	Unit Price		>=	<=
Lumberjack Lager	Beverages	\$14.00		0	3
ager	Beverages	\$15.00		4	6
Klosterbier	Beverages	\$7.75		7	9
bri	Beverages	\$18.00		10	12
yrup	Condiments	\$10.00		13	16
n's Cajun Seasoning	Condiments	\$22.00			
n's Gumbo Mix	Condiments	\$3.00		0»3	\$4.00
Boysenberry Spread	Condiments	\$5.00		4»6	\$5.00
Is Cranberry Sauce	Condiments	\$1.00		7»9	\$16.75
ουγυ	Condiments	\$15.50		10 » 12	\$31.00
ıble	Condiments	\$9.00		13 » 16	\$71.50
ad	Condiments	\$43.90		С,	
Fiery Hot Pepper Sauce	Condiments	\$21.05			
Hot Spiced Okra	Condiments	\$17.00			
ankfurter grüne Soße	Condiments	\$13.00			
	Confections	\$17.45			
hocolate Biscuits	Confections	\$9.20			
y's Marmalade	Confections	\$11.00			
y's Scones	Confections	\$10.00			
luß-Nougat-Creme	Confections	\$14.00			

Results interpretation: The values between 0 and 3 add up to \$4.00; values appearing between 4 and 6 add to \$5.00; and so on ...

Cell's math by format - models

ŦŦŦ

After having entered the data required by the dialogue box, we can save this model for future needs. Thus, we will not need to enter the same data many times.

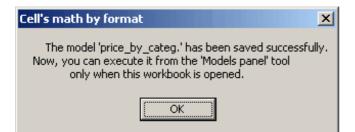
To save a model, do as follows:

1.- Press the Create Model button. Two options will be displayed: to enter the model's name, and a brief description of the model.

2.- Finally, press the Save button, and the model will be saved.

	Α	В	С	D	E	F	G	Н
1								
2		ID	Product Name	Category	Unit Price			
3		AB001	Laughing Cell's math by format/by lo	gical criteria 🔽	\$14.00			
4		ABUUZ	Outback		\$15.00			
5		AB003	Rhönbräi Select the target range : Sele		\$7.75			
6		AB004	Lakkaliki Prod!\$E\$2:\$E\$22 💶 🛛 S	UM 🔽	\$18.00			
7		AB005	Aniseed — Select a range with the colo	rs to evaluate : —	\$10.00			
8		AB006	Chef Ant		\$22.00			
9		AB007	Chef Ant Prod!\$G\$2:\$G\$4		\$3.00			
10		AB008	Grandma		\$5.00			
11		AB009	Northwor Take target range from : -		\$1.00			
12			Genen S 💿 The active sheet 🔿 The	selected sheets	\$15.50			
13		AB011	Sirop d'é		\$9.00			
14		AB012	Vegie-sp Paste result as :		\$43.90			
15			Louisian: 🔿 Value 💿 F	ormula	\$21.05			
16			Louisian: Inside the cell : Prod!\$G\$	6	\$17.00			
17		AB015	Original I		\$13.00			
18			Pavlova		\$17.45			
19		AB017	Teatime 🕐 (Create model) O	k Cancel	\$9.20			
20		AB018	Sir Rodn		\$11.00			
21		AB019	Sir Rodn Model name price_by_categ		\$10.00			
22		AB020	NuNuCa	Save Save	\$14.00			
23			Description Sum of prices by	Cancel				
24			format.					
25								
26								
27								

If the model is successfully saved, the message displayed will be similar to the one below:



Cell's math by logical criteria - models

0-0-0-0-0-0-

After having entered the data required by the dialogue box, we can save this model for future needs. Thus, we will not need to enter the same data many times.

To save a model, do as follows:

1.- Press the Create Model button. Two options will be displayed: to enter the model's name, and a brief description of the model.

2.- Finally, press the Save button, and the model will be saved.

	Α	В	С		D	E	F	G	Н	
1										
2		ID	Product Name		Category	Unit Price		>=	<=	
3		AB001	Laughing Lumberjack i	Cell's math by (format/by logical c			0	3	
4		AB002	Outback Lager			μ		4	6	
5		AB003	Rhönbräu Klosterbier		trange : Select a mat	h action : 5		7	9	
6		AB004	Lakkalikööri	roducts!\$B\$2:\$B	E\$22 📕 🛛 SUM	<u> </u>		10	12	
7		AB005	Aniseed Syrup	- Select the ran	nge with the decision ta	able · 0		13	16	
8		AB006	Chef Anton's Cajun S		-	0				
9		AB007	Chef Anton's Gumbo	Pro	ducts!\$G\$2:\$H\$7 💶	0				
10		AB008	Grandma's Boysenbe			0				
11		AB009	Northwoods Cranberry	— Take target ra						
12		AB010	Genen Shouyu	• The active s	heet 🛛 🔿 The selected	d sheets 🛛 🛛 🛛				
13		AB011	Sirop d'érable			D				
14			Vegie-spread	Paste result a						
15			Louisiana Fiery Hot P	🔘 🔘 Value	e 💽 Formula	5				
16		AB014	Louisiana Hot Spiced	Inside the cell	Products!\$G\$9	——————————————————————————————————————				
17		AB015	Original Frankfurter gr	Tribide che cell	· [Products:paps	Ď				
18		AB016	Pavlova		~	5				
19		AB017	Teatime Chocolate Bi	🛛 🕐 Create m	nodel) Ok	Cancel 0				
20			Sir Rodney's Marmala			D				
21		AB019		Model name su	um_products					nere to
22		AB020	NuNuCa Nuß-Nougat-			Save 0			save th	e model
23					roducts by	Cancel				
24				Cá	ategories.					
25				I						
26										

Clicking on the proper button will bring the dialogue box. Now let us enter data, as follows:

	А	В	С	D		E	F	G	H
1									
2		ID	Product Name	Catego	ry	Unit Price		>=	<=
3		1	Laughing Lumberjack Lager	Beverag		\$14.00		0	3
- 4		2	Outback Lager	Beverag	es	\$15.00		4	6
5		3	Rhönbräu Klosterbier	Beverag	es	\$7.75	1	7	9
6		4	Lakkalikööri	Beverag	es	\$18.00		10	12
- 7		5	Aniseed Syrup	Condime	nts	\$10.00		13	16
8		6	Chef Anton's Cajun Seasoning	Condime		\$22.00			
9		7	Chef Anton's Gumbo Mix	Condime		\$3.00		4	
10		8	Grandma's Boysenberry Spread	Condim	Cell's r	nath by forma	a./by loo	nical riteri	
11		9	Northwoods Cranberry Sauce	Containt				-	
12		10	Genen Shouyu	Condim	Ову	format 💽 🧕	y logical c	riter <mark>ia</mark>	
13		11	Sirop d'érable	Condim				1 -	
14			Vegie-spread	Condim	Select	t the targe <mark>t</mark> rang	ge : Sele	ct a math act	ion :
15		13	Louisiana Fiery Hot Pepper Sauce	Condim	roduc	ts!\$E\$3; <mark>,</mark> E\$22	- S	u <mark>l</mark> 4	•
16		14	Louisiana Hot Spiced Okra	Condim		lect the range w	uith the de	cicion table :	
17		15	Original Frankfurter grüne Soße	Condim				cision cable ;	_
18		16	Pavlova	Confect		roducts!\$G\$2:\$;H\$7		
19			Teatime Chocolate Biscuits	Confect		Paste Decis	ion tatio	evample	
20		18	Sir Rodney's Marmalade	Confect				example	
21			Sir Rodney's Scones	Confect					
22		20	NuNuCa Nuß-Nougat-Creme	Confect		ke target range			
23					1 • T	he active sheet	The The	selected she	ets
24					- P				
25						ste result as : -	0-	l-	
26						🔿 Value	• • F	ormula	
27					Insi	de the cell : 🚺	Products!	\$G\$9	
28						1-		1 1-	
29							1	1	
30					2	Create model		k Car	ncel
31									

Later, you will be able to execute this model from the Models tool, panel of this adding, only when the workbook where the model was saved, is open.

Conditional Sum & Count

Ē

This useful tool allows you to sum and count data regarding to conditions specified in a criteria table.

Conditional Sum & Count	×
Conditional math action	Ok Close
Range to evaluate:	
Range with the criteria(s):	
Target range:	
_	
Paste the results in (one cell):	<u>کم</u>

We will show this tool's utility through examples.

SUMIF COUNTIF

SUMIF

In order to understand the SUMIF option functionality, Think about the following situation:

We have a table where it shows info of a teacher.

We can watch the fields: Section, Students (number of students) and Status (Approved, Unapproved)

Now, we want to know, how many students approved the course. Previously, we have built a small table containing possible criteria. (see the below image):

We open the corresponding dialog box and fill the data.

Finally we press the Ok button. That is all.

	Α	В	С	D	E	(Н	l ,	K
1									
2		Section	Students	Status				Criterias	Sum
4		A	19	Approved	h			Approved	<u> </u>
5		A	11	Unapproved				Unapproved	
6		В	17	Approved				1	
7		В	13	Unapproved	Conditi	onal Su	n & Count		×
8		C	15	Approved	- Conc	litional ma	ath action —	_//	
9		C	15	Unapproved		SUMIF	C COUNTI		
10		D	10	Approved		501-11	io coonn		
11		D	20	Unapproved	\sum			Clos	e
12		E	18	Approved		to evalua	ate:	<u> </u>	
13		E E F	12	Unapproved	\$D\$4	:\$D\$17		//	
14		F	16	Approved			• 		
15		F	14	Unapproved			triteria(s): 🤞		1
16		G	15	Approved	Text	_ \$I	\$4:\$I\$5	-	
17		G	15	Unapproved	Taraa				
18						t range:	-		
19					\$C\$	4:\$⊂\$17		_	
20									
21					Paste t	he results	s in (one cell):		
22					\$K\$4	a standards		-	2
23					,				
24									

The results are showed next. They are 100 approved students and 100 unsapproved.

fx :	∱ =SUMIF(\$D\$4:\$D\$17,I4:I5,\$C\$4:\$C\$17)												
	D	E	¢	Н	I .	. К							
<mark>lents</mark>	Status				Criterias	Sum							
19	Approved				Approved	110							
11	Unapproved				Unapproved	100							
17	Approved												

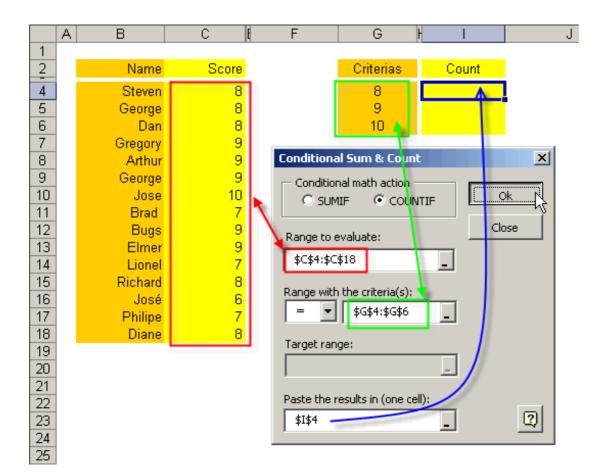
Logically, we have used a small table, for this example. but imagine that you must do a similar task, but to a table with 5,000 records. Worrying, don't you? With this tool, the worrying is over.

In this case we have summed those records classifying in 2 groups "Approved" and "Unapproved", according to the criteria table.

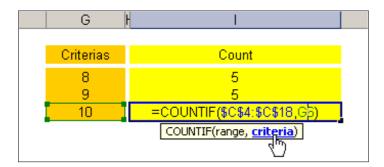
This tool, also, allows you to performance the following opertions: Equal, Greater, Equal or Greater, Less, Equal or Less than, Seaching of text, etc.

COUNTIF

In this case, we have a table with the names and the score of each one of them, also a criteria table. We want to know, how many students were approved with 8,9 and 10 score. In order to solve this problem, we open the dialog box of our tool.



Finally we press the Ok button. The result is showed below:



We can realize that they are 5 people with score 8, there are 9 people with score 9 and 1 person with score 10.

In this case we have counted those values equal to the small criteria table. Simple!!

This tool, besides, allow us to make opertaions, such as Greater, Less, Equal or greater than, Equal or less than, searching of text, etc.

Now, imagine all of the time and work that you would save if this table was 10 or 20 larger.

Quick fill

=1

Quick fill is the tool that allows you to fill ranges with consecutive values, in a simple manner. Let us see an illustrative example:

1.- Click on the corresponding button and the dialogue box will be shown.

2.- Select the work range and fill in the data that we need.

	A	В	С	D	E	F	G	Н	I
1									
2									
3							4		
- 4				Qu	ick fill				×
5					Range Forn	oat l			
6					riange from	nac I			
- 7									
8					Please, sele	ct a range to	be numbered	:	
9					Sheet1!\$	B\$2:\$F\$18			-
10					· ·				
11									
12					Enter the fir	rst number (o	r date) of the	range :	
13					1				
14									
15									
16					Enter the in	crement to in	crease each r	number by :	
17					1				— III
18					1 -				
19									
20									
21					2				Tancel
22					4			ок 🤇	ancer
23									

We now choose the Format tab, to add some color and format.

	A	В	С	D	E	F	G	Н		J	K
1											
2											
3											
4				Qu	ick fill				×		
5					Range Forr	nat					
6					rtango	,			1		
7					Specify the at	tributes of th:	e selected rai	nge that will b	e used.		
8					Font			🗖 Backcolo	r — <mark>Se</mark>	elect color	×
9					Size :	10 🔻	Color font	Color C			
10							Color Toric				
11					🗖 Bold	4 I					
12						ʻ [
13											
14								- ·			
15					🔿 Left	O Ce	enter	🖲 Right			
16										Apply	
17					Borders -			1			- V2
18					0 🖽	0 🗄	0 🖽	Non	e -		
19											
20											
21					2			ок с	ancel –		
22											
23											

Finally, click on the OK button. The result will be shown below.

	A	В	С	D	E	F
1						
2		1	2	3	4	5
3		6	7	8	9	10
- 4		11	12	13	14	15
5		16	17	18	19	20
6		21	22	23	24	25
- 7		26	27	28	- 29	30
8		31	32	- 33	34	35
9		36	37	38	39	40
10		41	42	43	44	45
11		46	47	48	49	50
12		51	52	53	54	55
13		56	57	58	59	60
14		61	62	63	64	65
15		66	67	68	69	70
16		71	72	73	74	75
17		76	- 77	78	79	CP 80
18		81	82	83	84	85
19						

Concatenate cells

ŧ٨

Do you wish to join text of many cells to a single cell? Simply do this:

1. Select the cells of a row that you desire to concatenate

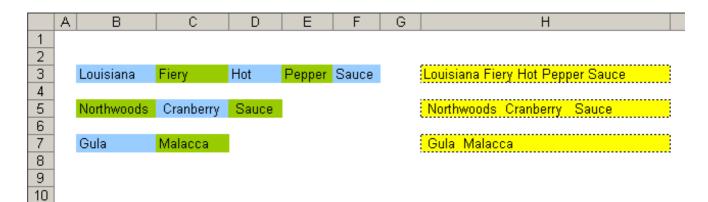
2. Click on the "Concatenate cells" button, in order to open the corresponding dialog box Automatically the text boxes will be activated in the dialog box, in order to enter the text that you want to add.

(if we don't enter any text, simply the content of the cells will be concatenated.

3. Press the Concatenate button. That is all.

This tool will make the concatenation in text or formula mode; wherefore if the involved values change, the information will be updated.

See the following examples:



Get cell's value

<u>*</u>

This is a very useful tool. You can use to get/refer the value in a cell in terms of its location relative to another one. That is, you can use it to get the value in the cell 2 columns to the left of and 3 rows below the reference cell. This function is alternative to Desref.

Let's see an example:

We want to compare the sales done in March to the ones done 2 months ago.

	A B	C	D	E	F	G	H		J
1				•					
2									
4	Credit in months	2							
6		jan	feb	mar	арг	may	jun	jul	
	Sales US\$	jan 60	feb 75	mar 80	арг 50	may 57	jun 95	jul 15	
·	Sales US\$ Cash from sales			mar 80			,	-	

We will use the tool in the green zone.

We press the corresponding button and a window is displayed with the following fields:

Reference Cell = This is the cell from where we will search the value to extract.

Variation in rows = Number of cells downward or up, from the Reference cell.

Variation in columns = Number of cells leftward or rightward, from the Reference cell.

Left or top = put the variation to negative.

Right or down = put the variation to positive.

Default value = Empty or zero (if both are zero, the value found is in the Reference cell.

There are 3 ways to obtain the result.

First case: Doing directly reference to the cell from which we need the value. Second Case: Taking as reference the cell where we want to paste the result. Third Case: Taking as reference any cell.

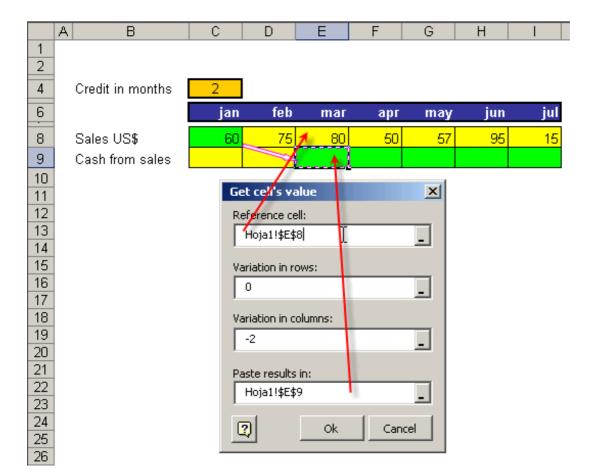
In the 3 cases, we desire to obtain the value contained at the cell C8.

First case:

	A B	C	D	E	F	G	H	
1								
2								
4	Credit in months	2						
6		jan	feb	mar	арг	may	jun	jul
8	Sales US\$	60	75	80	50	57	95	15
9	Cash from sales			4				
10					_			
11	Get c	ell's value			×			
12	Refer	ence cell:						
13	Ho	a1!\$C\$8			1			
14					J			
15	Variat	ion in rows:						
16	0			_				
17			1	_	└ ── ┟			
18	Variat	ion in columns	: // ·					
19	0							
20			1	_	J			
21	Paste	results in:						
22		a1!\$E\$9 丨	1					
23								
24	2	C	k	Cancel				
25			·····		1			
26								

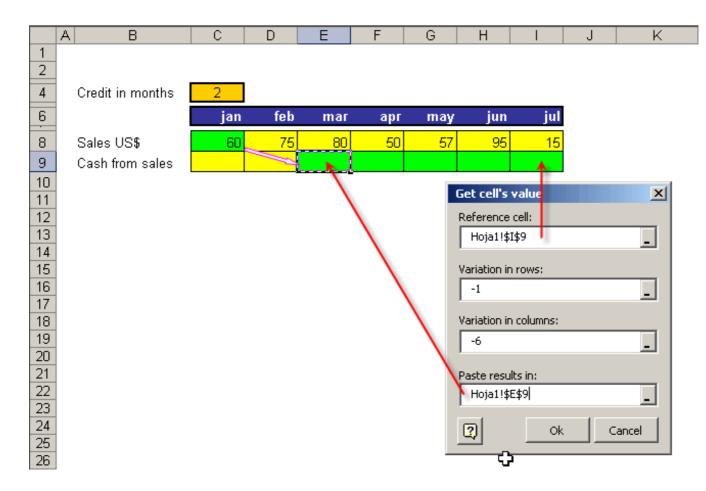
The variations of rows and columns is zero because we only desire to obtain the value of the cell C8

Second Case:



In this case, we take as reference the cell E8, but due to the cells C8 and E8 are in the same row, we put zero in "Variation in rows" though in order to arrive to the cell E8 we must to go back 2 columns, for that reason we put -2 in the "Variations in columns"

Third Case:



Now, we attempt to get the value of the cell C8 from a any cell.

We do emphasis that we can enter cell's addresses in all of fields of the dialog box.

In any case, it had generated a different formulas but the result would be the same. (in this case: 60)

	E9 🔻	fx	=INDIF	RECT(ADI	DRESS(F	ROW(19)-1	1,COLUN	1N(19)-6))	
	A B		С	D	E	F	G	Н	
1									
2									
4	Credit in month	s 🛛	2						
6			jan	feb	mar	арг	may	jun	jul
8	Sales US\$		60	75	80	50	57	95	15
9	Cash from sale	s 🛛			60	75	80	50	57
10									~~~

intersect

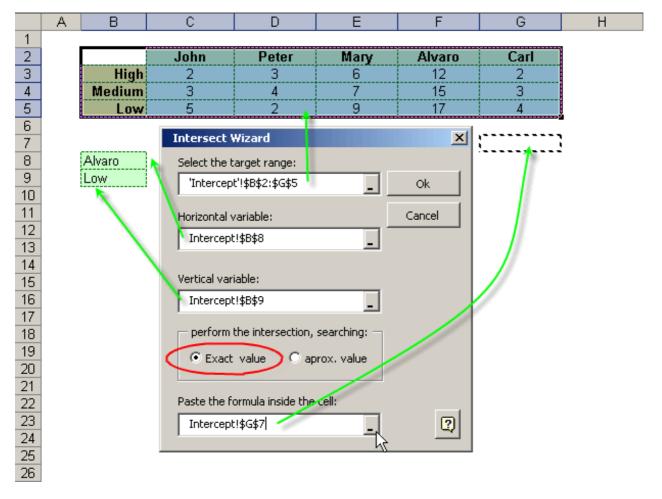
Ţ,

Wizard intersect is the tool that searches for a table's intersections. There are two cases with regard to intersections: exact matches and inexact matches.

Case 1: When there are exact matches:

Let us concentrate on the example to understand this function.

Let us use the following table:



After pressing the corresponding button of the tool bar, we will be able to see the Intersect dialogue box, where we will enter the data shown in the figure below:

	G7	-	<i>f</i> ∡ =HLOO	KUP(B8,\$B\$2	2:\$G\$5,MATCI	H(B9,\$B\$2:\$B	\$5,0),FALSE)	
	Α	В	С	D	E	F	G	Н
1								
2			John	Peter	Mary	Alvaro	Carl	
3		High	2	3	6	12	2	
4		Medium	3	4	7	15	3	
5		Low	5	2	9	17	4	
6								
7							17	
8		Alvaro					4	i
9		Low						
10								

Case 2: When there are inexact matches:

Let us concentrate on the example to understand this function.

Let us use the following table:

	Α	В	С	D	E	F	G	Н
1								
2			8	12	14	20	25	
3		7	2	3	6		2	
4		8	3	4	7	15	3	
5		9	5	2	9	17	4	
6		15	2	1	7	17	4	
7		69	4	3	9	17	4	
8		70	3	5	9	17	. 4	
9							5	
10							ů	

After pressing the corresponding button of the tool bar, we will be able to see the Intersect dialogue box, where we will enter the data shown in the figure below:

	A	В	С	D	E	F	G	Н
1								
2			8	12	14	20	25	
3		7	2	3	6	12	2	
4		8	3	4	7	15	3	
5		9	5	2	9		4	
6		15	2	1	7		4	
7		69	4	3	9		4	
8		70	3	5	9	17	4	
9			Intersect V	Vizard	1	×		-
10								
11		13	Select the t	arget range:			1℃	
12		35	'Intercept	:'!\$B\$2:\$G\$8 🤸	_	Ok 📗		
13			\ '					
14			Horizontal v	ariable:		Cancel		
15			Intercept	!\$B\$11	-			
16			\ '					
17			Vertical vari	able:		V	/	
18 19			Intercept					
20			Intercept	:\$0\$12	-			
20			— perform t	he intersection,	searching: —			
22								
23			C Exact	value 🜔 ap	rox. value			
24								
25			Paste the fo	ormula inside the	cell:			
26			Intercept	1\$6\$10 -		2		
27			Incorcope	.40410	_	<u> </u>		
28								
29								

Finally, we press the OK button. You can appreciate the results in the below figure. Note that it is the result of an intelligent combination of formulas.

	G10 - fx =HLOOKUP(B11,\$B\$2:\$G\$8,MATCH(B12,\$B\$2:\$B\$8,1))						
	Α	В	С	D	E	F	G
1							
2			8	12	14	20	25
3		7	2	3	6	12	2
4		8	3	4	7	15	3
5		9	5	2	9	17	4
6		15	2	1	7	17	4
7		69	4	3	9	17	4
8		70	3	5	9	17	4
9							
10		,					1
11		13					
12		35					-
13							

Link's manager

8

This useful tool allows you to perform a variety of operations with the external and internal links with a workbook. Such operations include the following:

External Link

When we press the Link's Manager button we will get the dialogue box shown below:

The following example shows the use of the external links section In this case we will search the links of the "2007.xls" book with "2006.xls" book

1.-First you must select a book in this case we choose "2007.xls" book

2.-In the second section of linked workbooks a list is shown with all references found to other books in the book "2007.xls"

Making click in the book 2006.xls will obtain cells whose formulas include the 2006.xls book and other aditional details.

Link's manager					×		
External links Inte	External links Internal links						
	1 Select a workbook: 2007.xls						
	All workbooks	2007123	<u> </u>	Change source			
uusulka sha kalend	2004.xls			Open source			
Workbooks linked	2003.xls 003.xls'	Update links					
	Address	File linked	File location	Break link 👻			
D.L.1	'Sheet1'!B23 'Sheet1'!B24	2006.xls 2006.xls	D:\Documents and Settings\Administ D:\Documents and Settings\Administ	Open file's folder			
Detail	'Sheet1'!B25 'Sheet1'!B26	2006.xls 2006.xls	D:\Documents and Settings\Administ D:\Documents and Settings\Administ	Generate Report			
				Close			

External links can be viewed in the dialogue box. They can be used to perform a series of operations, such as:

Go to cell: This option lets us move to the cell containing the external link.

Change source: Taking this option we can exchange the current external link for a new link to a new workbook.

Open source: This option lets us open the workbook referred to in a given cell.

Update links: It makes it possible to update all links to external files.

Break link: This has three options:

1.- Only the selected link.- It truncates a link with an external file, but only in the case of one specific cell.

2.- All File Links.- It removes all existing links related to a specific workbook.

3.- All External Links.- It removes all existing links to other workbooks.

Open file's folder.- It opens the directory containing the selected external link.

Generate report.- It generates a detailed report of the external links detected, placing it in a new worksheet.

Internal link

This detects all formulas containing links to other worksheets.

The following example shows the use of the internal links section

In this case we will search the links of the Sheet1 with Sheet2

1.First you must select a sheet in this case we choose Sheet1

2.In the second Section of linked sheets a list is shown with all references found to other books in the sheet Sheet1 Making click in the Sheet2 will obtain cells whose formulas include the Sheet2 and other aditional details.

Link's manager				X					
External links In	nternal links			Min.					
1	Go to cell								
	All worksheets Sheet2 Sheet3								
Sheets linked				Change source					
	Address	Value	Formula	Generate report					
	'Sheet1'!D3	0	=Sheet2!D25+Sheet3!D14						
Detail	'Sheet1'!D26	0	=Sheet2!D22						
Dottai	'Sheet1'!B30	0	=Sheet2!D29						
2				Close					

Additionally, we can perform a series of operations, such as:

Go to cell: This makes it possible to move to the cell containing the link to another worksheet.

Break link: It truncates any existing links to another worksheet, but only in the case of the selected cell.

Generate report: It generates a detailed report of all internal links found in the workbook.

Name manager

This tool allows you to perform a series of operations with the named ranges.

Many times workbooks have erroneous names, which cannot be erased with conventional Excel tools,

since, apparently, they are names loaded into memory; however, they relate to other workbooks.

These names affect the workbook's performance, as they increase their weight and produce a series of other problems created by them.

See tool handling example.

We click on the corresponding tool bar button to get the following dialogue box:

The types of names which can be worked with are:

- Hidden
- Visible
- Referring to external files
- Erroneous
- Print areas

- Unused

▼ fx =SUN	1(J13:J18)				
Name's manager					
Workbook: names.xls Sheet(s): Workbook S. Cal Sheet1 Sheet2 Sheet3 Sheet5	Name(s): A A FORM_R aa aaa AF ann ann2 ann2b ann2c annb annc annc annd	Go to Apply Unapply Delete Delete All	7.8 2.3 0.4 1.4 0.4 0.8 13.1	10.4 2.5 0.4 0.8 0.4 0.8 15.3	8.9 2.5 0.4 2.2 0.4 0.8 15.1
='R:\DOCUME~1\JAIME	anscount Años area_de_escenarios Area_de_proyectos C Ext. link C Erroneous C Print area C Ur B~1\CONFIG~1\Temp\Archivos Adjuntos\Juan endia\[Aportes.xls]#REF'!#REF!	Hide Unhide nused Report Close	79.9 15.0 64.9 78.0	96.5 17.0 79.5 94.8	119.5 19.4 100.1 115.2

Observation:

The tool detects the not used names taking into account they might not be a part of the formulas in the workbook and they might not make reference to ranges of the active book.

You can notice how all the names of the active workbook have been loaded to the list on the right. We can use them to perform a series of operations, such as:

- Go to the named range.

- Erase all names.

- Erase the selected name.

- Hide/show the names.

- Generate a detailed names report.

Auditor SpreadSheet Map

1

This tool allows you to quickly and safely search for special cells in your models. The cells you can search for are as follows: Internal Links : Search for internal links. External Links : Search for links to other workbooks. Constants in a formula : Search for constants in a formula. Input : Search for cells which are not formulas but rather part of formulas. Formulas : Search for cells containing formulas, and which, in turn, are part of formulas. Output : Search for cells containing formulas, but which are not part of other formulas. Names in formula : Search for cells containing formulas as well as "names" in their formulas.

Names in formula : Search for cells containing formulas as well as in ames in their

Conditional formatting : Search for cells with conditional formats.

Validation : Search for cells with validation.

Array formulas : Search for cells with array-type formulas.

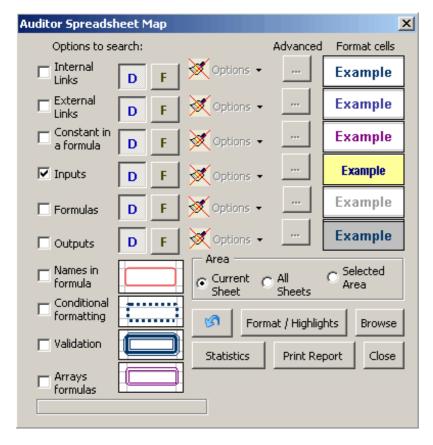
Search scope can be: in active worksheet, in a selected range in active worksheet or in all worksheets in the active workbook.

This tool shows results in a diverse and intuitive manner. Among this way of showing results, we have:

Format / Highlights : It allows you to format a cell meeting the search criteria; alternatively, you can add a "Highlight". Browse : Makes it possible to navigate through cells meeting the search criteria.

Statistics : Allows you to obtain statistics concerning the results of the search criteria.

Print Report : You can obtain a report on the cells meeting the conditions searched for.





Inputs		-	Current Sheet	-
Value	Cell	Sheet		
32	H5	Sheet1		
3	A6	Sheet1		
232	H6	Sheet1		
323	B7	Sheet1		
32	A11	Sheet1		
32	A14	Sheet1		
32	B14	Sheet1		
6	I20	Sheet1		
6	I21	Sheet1		
32	D49	Sheet1		
32	D52	Sheet1		
2	B53	Sheet1		
Empty	C53	Sheet1		
Empty	E53	Sheet1		

Print Report Example

MA Audito	or:	Sprea	adsheet Map Report			
Book Name: Date:		•				
	., _,					
Internal Lir	nks					
Range	Sheet	Book	Formula			
<u>E8</u>	Sheet1	auditorWork.xls	Sheet2!D11+Sheet2!D12			
<u>E10</u>		auditorWork.xls	Sheet3!D12+54			
Constants i	n a fo r r	nula				
Range	Sheet	Book	Formula			
<u>F6</u>	Sheet1	auditorWork.xls	Name3+434			
<u>_113_</u>	Sheet1	auditorWork.xls	doce+12			
<u>C13</u>	Sheet1	auditorWork.xls	A6+433			
<u>C14</u>		auditorWork.xls				
<u>A18</u>	Sheet1	auditorWork.xls	A11+43			
Outputs						
Range	Sheet	Book	Formula			
<u>15</u>	Sheet1	auditorWork.xls	H5+H6			
<u>F6</u>		auditorWork.xls				
<u>_C9_</u>		auditorWork.xls				
<u>113</u>		auditorWork.xls				
<u>C13</u>		auditorWork.xls				
<u>_C14</u>		auditorWork.xls				
<u>A18</u>		auditorWork.xls				
<u>A21</u>			IF(B1450,"REAL","SOL")			
122		auditorWork.xls	1 F			
A23	SneetI	auultorwork.XIS	IF(A14<100,"DOLAR","LUNA")			

Note :

With the Browse option you can only navigate one option at the time, rather than several options.

If you use the option to format cells, then use the tool's "Undo" option to undo the changes, but the tool only undoes changes in the active worksheet, not in all the sheets of the workbook.

If you have selected formatting all the sheets of the workbook, the changes will be irreversible.

Test & Highlights

aby

This tool will allow you to quickly search for cells with formulas involving elements used in analysis, such as Array Formulas, cells with validation and cells with conditional formats.

The options available in this tool are:

Names : Searches for names which are within formulas of other cells. External Links : Searches for cells with links to other workbooks. Internal Links : Searches for links to internal worksheets of the active workbook. IF Formulas : Searches for cells with IF formulas. Array Formulas : Searches for cells with Array formulas. Constants in formula : Searches for cells with constants in the formulas.

Validations : Searches for cells with validation.

Conditional formatting : Searches for cells with conditional format.

Test & Highlights		×
Search — All	Name	Area Current Sheet
External Links	§	C All Sheets
✓ Internal Links		
🔲 IF Formulas	if	Put Bookmarks
Formulas		Browse
Constants in formula	¶+43% 323	Statistics
Validations		Print Report
Conditional Formatting		2 🕼 Close

This tool's search scope can be a selected range, the active sheet and all sheets of the active workbook. Results can be shown in four different ways:

Put Bookmarks : It highlights the cells meeting the criteria specified in the search.

Browse : Allows browsing through cells meeting search criteria.

Statistics : Allows obtaining statistics on the number of cells meeting the search criteria.

Print Report : Creates a new Excel spreadsheet with a report on the types of cells searched for, plus, this report includes links to cells meeting the search criteria.

Print Report example

MA Audit	or:	Test 8	& Highlights Report						
Book Name: auditorWork.xls Date: 4/3/2006 11:56:12 AM									
Date:	4/3/20	JUG 11:56:12 AM							
Names									
Range	Sheet	Book	Name						
<u>_C8</u>	Sheet3	auditorWork.xls	Name 1						
A8,A12:A13	Sheet3	auditorWork.xls	Name 2						
<u>B8:B10</u>	Sheet3	auditorWork.xls	Name 10						
Internal li	nks								
Range	Sheet	Book	Formula						
E12	Sheet3	auditorWork.xls	Sheet2!D13+54						
IF formula	S								
Range	Sheet	Book	Formula						
<u>_C20_</u>	Sheet3	auditorWork.xls	IF(B16<50, C2150,C21100)						
<u>_C23</u>	Sheet3	auditorWork.xls	IF(B152,"YES","NO")						
Array form	nulas								
Range	Sheet	Book	Formula						
<u>A28</u>	Sheet3	auditorWork.xls	{=23}						
<u>B28</u>	Sheet3	auditorWork.xls	{=23}						
<u>A29</u>	Sheet3	auditorWork.xls	{=23}						
<u>B29</u>	Sheet3	auditorWork.xls	{=23}						
A30	Sheet3	auditorWork.xls	{=23}						
<u>B30</u>	Sheet3	auditorWork.xls							
	Sheet3 Sheet3	auditorWork.xls auditorWork.xls auditorWork.xls	{=23}						

Note

The Browse option can only browse one option at the time, rather than several.

If you use the option to format cells, then use the tool's "Undo" option to undo the changes, but the tool only undoes changes in the active worksheet, not in all the sheets of the workbook.

If you have selected formatting all the sheets of the workbook, the changes will be irreversible.

Auditor Trouble Test

This auditing tool will help you to guickly detect cells with various types of problems, whether deliberate, or otherwise,

problems, which, without the use of advanced tools that automate

several manual processes would almost become impossible in rather large models, where what really abounds is formulas, most of all.

You have the following search options:

Standlone Numbers : Numbers which do not participate in any formula, but what are they doing in the model? Constant formulas as input : Constant formulas which are part of formulas; for example a cell With the following formula : =22*10

Constants in a formula : Constants within a formula, for example: =Sheet1!A1+345 Blank cell referenced : Formulas making reference to empty cells.

Errors referenced : Formulas making reference to cells with errors.

Forward references to cells to the right : Formulas making reference to cells to the right. This is not so common. Forward references to cells below : Formulas making reference to cells below the cell under analysis.

Too small cell referenced : Formulas making reference to cells with a very small column height, not visible at first glance.

Same cell's font/pattern color : Formulas making reference to cells with the same background and filling.

Hidden cell referenced : Formulas making reference to hidden cells.

Non numeric cell referenced : Formulas making reference to non-numeric entities.

Too complex calculation : Formulas with a number of characters in excess of what you have specified in the text box containing the option.

Unprotected formulas or output : Formula or Output which is not protected.

Cells with #REF errors : Cells with #REF type error.

litor Trouble Test Search						
					Advanced	Example
Standalone Numbers	D	F	1	Options 👻		Example
Constant formulas as input	D	F	×	Options 🝷		Example
Constants in a formula	D	F	×	Options 🝷		Example
Blank cell referenced	D	F	×	Options 👻		Example
Errors referenced	D	F	×	Options 🝷		Example
Forward references to cells bellow	D	F	×	Options 👻		Example
Forward references to cells to the right	D	F	×	Options 👻		Example
Too small cell referenced	D	F	×	Options 👻		Example
Same cell's font/Pattern color	D	F	×	Options 👻		Example
Hidden cell referenced	D	F	×	Options 👻		Example
Non numeric cell referenced	D	F	×	Options 👻		Example
Chtrs.	D	F	×	Options 👻		Example
Unprotected formulas or outputs	D	F	×	Options 👻		Example
Cell swith #REF! errors	D	F	×	Options 🝷		Example
Area	<u>_</u>		. 1		1	1
• Current Sheet	<u> </u>	ormat (Iell	Statistics	Browse	Print Repor
C All Sheets						Close
C Selected Area						

You can customize this tool however you wish, but only with respect to background color.

It has the following options to obtain and show results:

Format cell : Search for a cell meeting the search criteria, giving it the background color you have configured. If you have not configured any, the tool will show you default background colors.

Statistics : Shows statistics of the number of cells meeting the search conditions specified.

Browse : Allows you to browse through the cells meeting the search criteria. This option only works with only one search option.

Print Report : It shows a report in a new Excel spreadsheet, detailing cells meeting the search criteria.

This tool's search scope is: search in a selected range in the active worksheet, search in the active sheet and search in all sheets of the active workbook.

There is a progress bar on the bottom, to help view search progress.

Statistics example

Auditor Trouble	Test - Statis	tics	×
Standalone numbers	30	Same cell's font/pattern	0
Constant formula as input	1	color referenced	
Constants in a formula	7	Hidden cell referenced	0
Blank cell referenced	2	Non numeric cell referenced	0
Errors referenced	0	Too complex calculation	8
Forward references to cells bellow	1	Unprotected	0
Forward		formulas or outputs	
references to cells to the right	2	Cells with	1
Too small cell referenced	0	#REF errors	Close

Print Report example

MA Audite Book name: Date:	Auditor	Trouble Test Re Trouble Test Work.xls 106 11:03:43 AM	eport.	
Standalone	e Numb	ers		
Range	Sheet	Book	Value	
<u>_B3_</u>	sheet1	Auditor Trouble Test Work.xls	3	
<u>B5</u>		Hadicol Hodolo Tobe Holitino	3	
Constant f	ormula	as input		
Range	Sheet	Book	Formula	
<u>D16</u>		Auditor Trouble Test Work.xls	434/0	
 Constants 	in a for	mula		
Range	Sheet	Book	Formula	
<u>_C4</u>	sheet1	Auditor Trouble Test Work.xls	B4+343	
<u>A9</u> <u>B9</u>	sheet1	Auditor Trouble Test Work.xls	C12+43	
	sheet1	Auditor Trouble Test Work.xls	C11+34	
<u>F11</u>	sheet1	Auditor Trouble Test Work.xls	G11+34	
<u>_C11_</u>			D11+34	
<u>_C12_</u>			D11+D12+D13+12	
<u>F15</u>		Auditor Trouble Test Work.xls		
<u>C16</u>		Auditor Trouble Test Work.xls		
<u>F18</u>		Auditor Trouble Test Work.xls		+323
<u>D19</u>		Auditor Trouble Test Work.xls		
<u>E23</u>		Auditor Trouble Test Work.xls		
<u>E26</u>		Auditor Trouble Test Work.xls		
<u>B27</u> Blank cell		Auditor Trouble Test Work.xls	H28+128+323	
	-		-	
Range	Sheet		References	Formula
<u>_C14</u>	sheet1	Auditor Trouble Test Work.xls	D14	D11+D14

The Print Report option adds the cells found with the search criteria, to the HiperLynks report.

Note

The Browse option can only browse one option at the time, rather than several. If you use the option to format cells, then use the tool's "Undo" option to undo the changes, but the tool only undoes changes in the active worksheet, not in all the sheets of the workbook. If you have selected formatting all the sheets of the workbook, the changes will be irreversible.

Cell's reference tracker

88

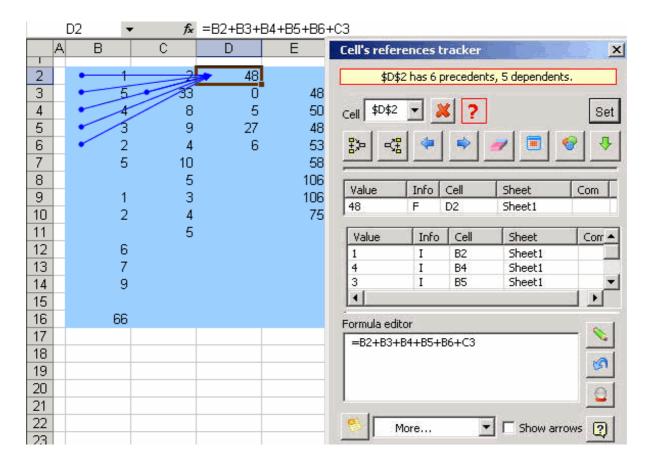
This versatile tool allows you to navigate between the cells which originate and/or depend on a cell under observation. This works even through sheets contained in other workbooks.

In addition to this, a series of tools are included to allow movement and viewing cells, such as:

- Select originating or dependent cells.
- Color them as you wish.
- Navigate through them.
- Show the comment contained in the cell through which we moved.
- Change the formulas directly from the dialogue box.
- Among others.

Let us see an example:

We position ourselves on a cell that contains a cell, and we press the corresponding tool bar button. The tool's dialogue box will then open up.



The first time the tool is activated, if the active cell has a formula, by default, the tool will detect the origins of the cell.

But, each time we wish to analyze a cell, we must again go over the following steps:

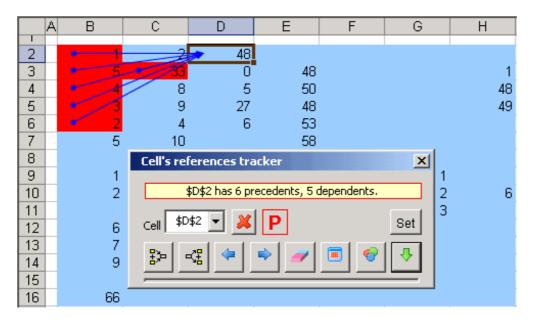
1.- Press the SET button in the dialogue box.

2.- Press the Precedents or Dependents button, depending on what we wish to do.

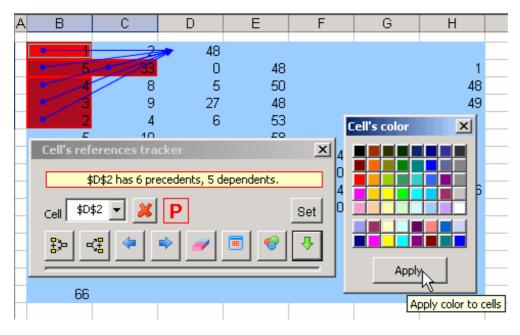
Thus, the tool will detect the originating or dependent cells of the selected cell, and the dialogue box will unfold a list of such cells.

Using this list we can move through those originating or dependent cells.

In addition, we can select the resulting cells or maybe add color to them so they can be easily distinguished.



As can be appreciated, this dialogue box can be dimensioned again.



In order to evaluate the result of a section from your formula:

- 1 .First select a segment of your formula according as it is shown in the image.
- 2. Then press button evaluate.
- 3. Place the cursor on the text box corresponding to the Editor formula.

A	В	C	Value	Info	Cell	Sheet	Com
2	106	9	10500	F	C12	Sheet1	com
3	53	368	, Liakua	7-6-		Chash	[Can [
4	58	9000	Value 3000	Info I	Cell C8	Sheet Sheet1	Com
5	106 53	9 368	1000	I	C9	Sheet1	
7	58	9000	3000	F	C10 C11	Sheet1 Sheet1	
8	106	3000	Formula edit	-		2.10001	
9	106	1000	=C8+ <mark>C9+</mark>	C10+C	11		
10	0	3000 3500	1.				3
12		10500					
13	7		I				

Value	Info	Cell	Sheet	Com			
10500	F	C12	Sheet1				
Value	Info	Cell	Sheet	Com			
3000	I	C8	Sheet1				
1000	I	C9	Sheet1				
3000	F	C10	Sheet1				
3500	I	C11	Sheet1				
Formula edito	r						
=C8+C9+0	10+C	l1					
3. 🗍 👩							
		7500					

Note:

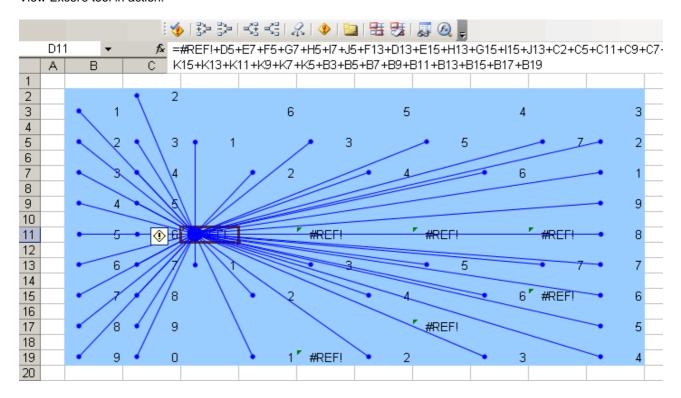
Undo button will only bring back the last time the formula has been overwriten



Error's tracker

This tool is meant to make up for the errors of Excel's Trace Error tool.

Excel has a tool called Trace Error, which, to be able to make it work, we have to activate the last cell with the error. Another inconvenience of Excel is that when one tracks the error it also shows all the origin and dependence links of the cells involved - and many times we do not want for that to happen. View Excel's tool in action:



Right, since we did not activate the proper cell, it simply did not track anything. Quite the contrary, it shows a web of arrows, which say nothing.

Now let us use our tool:

All we have to do is click on the appropriate button of our tool bar, and it will automatically detect the cells involved in the error, which are marked by a red line.

	Α	В	С	D	E	F	G	Н		J	K
1											
2			2								
3		1			6		5		4		3
4											
5		2	3	1		3		5		7	2
6		_			_				_		
7		3	4		2		4		6		1
8			_								
9		4	5								9
10			_							REF!	
11		5	6	WREF!		REF!		HRKLI!		RKEF!	8
12		6	7	1		3		5		7	7
14		0	· · · · · · · · · · · · · · · · · · ·	1		J		0			· · · · · ·
14		7	8		2		4		a		6
16		ſ			2		7			miller :	
17		8	9					REF!			5
18		Ŭ	Ŭ								
19		9	0		1	#REF!	2		3		4
20											

Circular reference tracker

e

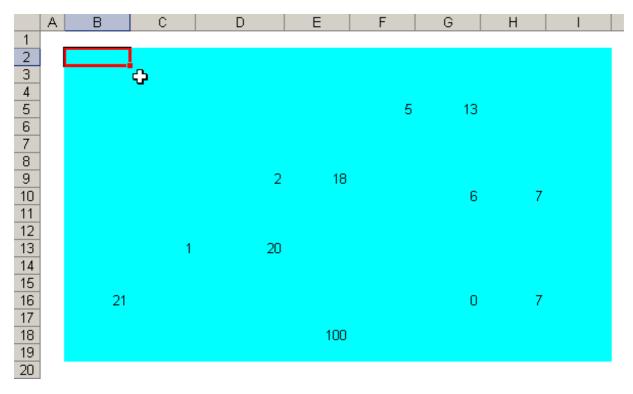
This tool was designed to track circular references. In other words,

Many times, in our models there are circular references which we do not know where they came from. Therefore, it is practically impossible to track them and analyze them or correct them.

We have thought of that... This is why we created this tool.

Let us see an example:

We have created a scenario containing a circular reference. Surely, we also wish to demonstrate the use and effectiveness of the tool.



We press the corresponding tool bar button and a dialogue box like the one in the figure below will appear. This would be suggesting to us where we should start looking for the circular reference.

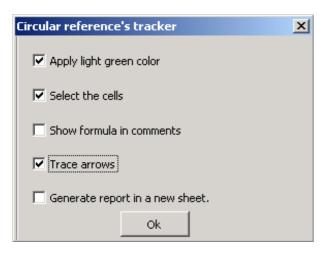
	Α	В	С	D	E	F	G	H	
1							,		
2									
3									
4									
5						5	🗡 13.		
6									
7									
8									
9				2	18 💉				
10			Cir	cular reference':	s tracker			× 7	
11				Select a cell with	reference cir	rcular :			
12									
13				\$B\$16			-		
14				2 Settings	Ok	₽	Close		
15 16							Close	7	
16								7	
17				Value Info	Cell Sheet	Book		- ()	
19									
20									
21									
22									
23									
24									
25									
26				1					
27				Formula :					
28				r ornidia r j					
29									

To start tracking the circular reference, simply press the Ok button in the dialog box. The results will be shown immediately.

	Α	В	С	D	E	F	G	Н		J		K	L		М
1									Circular ref	erence	's tra	icker			×
2									Select a	a cell wit	h refe	rence circ	cular :		
4									\$B\$16						-
5						5		< =G10+H1	1 20210						-
6									2	Setting:	s	Ok	₽	Close	
7															
8				_		🖌 =F5+G5	$1 \rightarrow 1$		Value	Info	Cell	Sheet	Book		
9 10				2			• •	>	21	F	B16		crt.xls		
11							01								
12					=D9+E9				0	F	G16 H10	Sheet1 Sheet1	crt.xls crt.xls		
13			1	20	=09+69	1			13	F	G5	Sheet1	crt.xls		
14									18 20	F	E9 D13	Sheet1 Sheet1	crt.xls crt.xls		
15			=C13+D:	13				=B16+E1	21	F	B16	Sheet1	crt.xls		
16 17		24	1				e de la comencia de l								
17					100					-					
19					100				Formula	9:1					
20															
21															

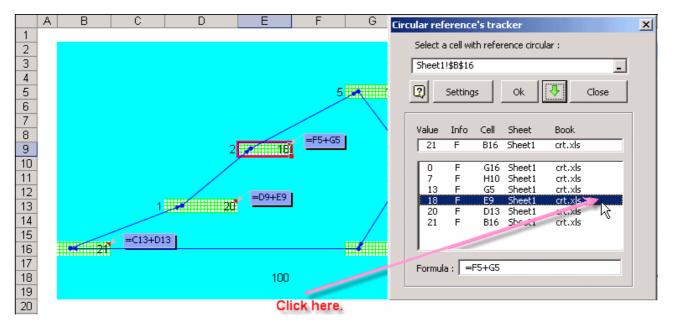
As can be appreciated, each cell involved in the circular reference appears in green, and a comment has been added, showing the formula contained in that cell.

Obviously these options can be customized, that is besides the point. Customizing options are found in the dialogue box itself.



In addition, the dialogue box shows a list of cells, since these are the cells involved with the circular reference under analysis.

To move through these cells, simply click on one of the cells appearing in the dialogue box's list.



Observation: The Circular reference's algorithm execution time will vary, depending directly of size of the Excel model you analyze.

In block formula's analyzer

-0

This utility as it's name indicates, allows us to analize in a specific range, a group of formulas and all the precedence/dependence connections between them.

There are two options for this:

Auditing arrows:

Shows the precedence/dependence connections between the formulas inside a selected range.

Gridlines:

Permit us to determine the connections or patterns that has been applied to create the formulas in this specific range.

This option will show this type of grid: when it determines that until this cell, a new type of formulas begins.

This option will show this type of grid: when it detects that the analized cell have a formula accordant to the creation pattern, similar to the cell on its left side.

It will show this type of grid: when it detects that the analized cell have a formula accordant to the creation pattern similar to the cell above it.

It will show this type of grid: when it detects that the analized cell does not comply with a formula pattern between the cells that are above, below, at the left or at the right side of it.

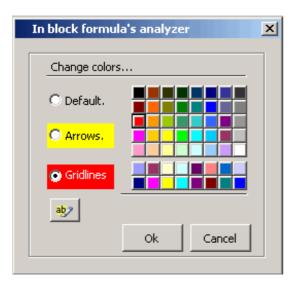
For example:

Select a range with formulas:

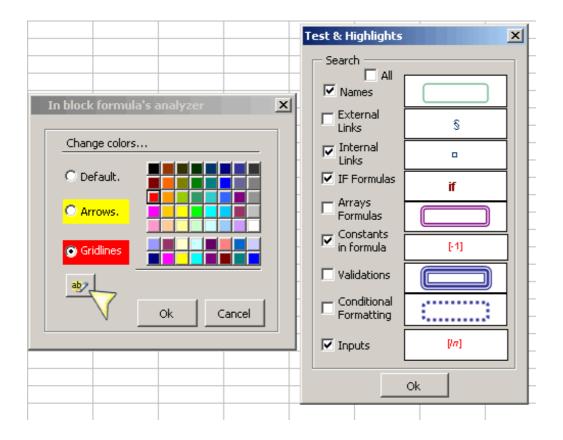
Select the tool with a click in the correspondent button in the tool box. The next dialog box will appear:

In block formula's analyzer 9.6 9.7<	5.8
C 3.8 3.9 3.9 3.9 3.9	3.9
Displays	
Vol 15.0 16.5 16.8 17.1 17.3	17.9
Vol 🔽 Auditing arrows. 15.0 16.5 16.8 17.1 17.3	17.9
Sta Gridlines 20.5	107.0
	127.9
A Image: Fighlights Configure 12.3 20.8 34.0 47.4 59.7	76.8
A 8.2 13.9 22.6 31.6 39.8	51.2
Cancel Cancel	
	1.45
CO 0.49 0.51 0.60 0.69 0.78	0.87
CO 0.32 0.34 0.40 0.46 0.52	0.58
0.97 0.97 0.97 1.03 1.10	1.10
6.0% 7.0%	
É #N/A 0.58 0.58 0.62 0.66	0.66
<mark>″ #∖\/A 0.39 0.39 0.41 0.44</mark>	0.44

Before you press the button: 'Doit', optionally we can change the colors that the tool will use. In this case we have selected the yellow and red colors.



Opcionally, you will be able to configue the Test and Highlights options to find out and check the option you want.Simply, click on the corresponding check opcion and press Ok.



After you press the Ok button, we will be again facing the dialog box. Click on the Do button to execute the tool. Then, the results.

2004	2005	2006	2007	2008	2009
	9.7	9.7	<u>9.7</u>	9.7	<u> </u>
	5.8	5.8	5.8	5.8	5.8
	= <mark>=3.9</mark>	<u>3.9</u>	= <mark>-3.9</mark>	= <u>3.9</u>	<u>3.9</u>
	16.5	 16.8	= <mark>17.1</mark>	= <mark>_17.3</mark>	
	16.5	16.8	17.1	17.3	=17.9
<mark> </mark> 26 5 ====	= 34.6	= =56.6===	= <mark>=79.1</mark>	= <mark>-99.6</mark> =	= <u>127.9</u>
12.3	20.8	34.0	47.4	59.7	76.8
012	13.9	22.6	31.6	39.8	51.2
	= 0.85	= <mark>-1.01</mark>	= -1 15	= - 1 30	1.45
	0.51	0.60	0.69	0.78	0.87
	0.34	0.40	0.46	0.52	0.58
	-9.97	<u> </u>	= -113	= = 10=	= 1.10
####			6.0%	7.0%	
	- 0.58	0.58	0.62	0.66	0.66
	0.39	0.39	0.41	0.44	0.44

Observe that because of the grids that the tool made, we can clearly determine that all the columns have a creation pattern similar to the first column.

Imagine this is not like this, maybe the grids would allow us to find out an unusual or abnormal situation. Imagine now how useful this tool can be.

After the analysis of the selected range, we can revert the changes clicking the 'Erase auditing arrows' button.

Note:

If you have run the Do it ! button and then you want to clear the arrows and gridlines, simply press the button "Clear

gridlines, arrows and highlights"

The button to clear the gridlines will be visible after pressing the doit button "Do i t ! "

The opction : "Change color" for the arrows is not available in Excel 2007

Trace multiple precedents

昂

This tool shows all origin links which may exist between formulas of a selected range.

To use this tool, do as follows:

1.- Select the range to be examined.

	Α	В	С	D	E	F	G	Н	
1									
2			January	February	March	April	May	Jun	Total
3		Input 1	43.00	43.00	4.00	3.00	4.00	5.00	102.00
4		Input 2	45.00	3.00	4.00	23.00	2.00	3.00	80.00
-5		Input 3	35%	4%	54%	5%	4%	0%	102%
6		Input 4	0.65	0.05	0.04	0.05	0.04	0.06	0.89
8		Output 1	1,935.00	129.00	16.00	69.00	8.00	15.00	2,172.00
9		Output 2	1,257.75	123.84	7.36	65.55	7.68	15.00	1,477.18
10		Output 3	677.25	5.16	8.64	3.45	0.32	-	694.82
11		Output 4	0.65	0.05	0.04	0.05	0.04	0.06	0.89
12 13		Output 5	676.60	5.11	8.60	3.40	0.28	(0.06)	693.93
13									

2.- Press the corresponding tool bar button.

The results are immediately available.

1	A B	C	D	E	F	G	H	1
1								
2		January	February	March	April	May	Jun	Total
3	Input 1	+ 4 3.88	+ 43.88	• 4.00	• 3.88	4.00	5.00	102.00
4	Input 2	45.88	3.80	4.00	23.88	2.00	3.88	80.00
5	Input 3	35%	4%	54%	5%	4%	8%	<mark>• 102</mark> %
6	Input 4	0.65	0.05	0.04	0.05	0.04	0.06	0.89
8	Output 1	,935.00	129.88	16.00	69.00	0.00	15.00	2,172.00
9	Output 2	257.75	123.84	7.36	65.55	7.60	15.00	1,477.18
10	Output 3	677.25	5.16	0.64	3.45	0.32		694.82
11	Output 4	0.65	0.05	0.84	0.05	0.04	0.06	0.89
12	Output 5	76.68 676.68 6	5.11	0.60	3.48	0.20	(0.06)	693.93
13								,

This is very useful, since we will be able to find all links existing in the range of cells, to realize how the values in the cells have been arrived at.

Remove multiple precedents

This option removes all arrows indicating origin links in the selected range.

Simply select the desired range and press the appropriate button. The results are immediately available.

Trace multiple dependents

—

This tool shows any and all dependence links which may exist between formulas of a selected range.

To use this tool, do as follows:

1.- Select the range to be examined.

	Α	В	С	D	E	F	G	Н	
1									
2			January	February	March	April	May	Jun	Total
3		Input 1	43.00	43.00	4.00	3.00	4.00	5.00	102.00
4		Input 2	45.00	3.00	4.00	23.00	2.00	3.00	80.00
-5		Input 3	35%	4%	54%	5%	4%	0%	102%
6		Input 4	0.65	0.05	0.04	0.05	0.04	0.06	0.89
8		Output 1	1,935.00	129.00	16.00	69.00	8.00	15.00	2,172.00
9		Output 2	1,257.75	123.84	7.36	65.55	7.68	15.00	1,477.18
10		Output 3	677.25	5.16	8.64	3.45	0.32	-	694.82
11		Output 4	0.65	0.05	0.04	0.05	0.04	0.06	0.89
12 13		Output 5	676.60	5.11	8.60	3.40	0.28	(0.06)	693.93
13									

2.- Press the corresponding tool bar button.

The results will be immediately available.

Æ	A B	С	D	E	F	G	H	1
1								
2		January	February	March	April	May	Jun	Total
3	Input 1	+ 4 3.88	43.88	4.00	- 3.88 -	4.00	5.88	102.00
4	Input 2	45.88	3.88	4.88	23.88	2.00	3.88	80.00
5	Input 3	- 35%	4%	54%	5%	4%	8%	102%
6	Input 4	0.65	0.05	0.04	0.05	0.84	0.86	0.89
8	Output 1	4 ,935.00	129.00	16.00	69.00	0.00	15.00	2,172.00
9	Output 2	257.75	123.84	7.36	65.55	7.60	15.00	477.18
10	Output 3	677.25	5.16	0.64	3.45	8.32		694.82
11	Output 4	0.65	0.05	0.04	0.05	0.84	0.06	0.89
12	Output 5	76,60 /	5.11	0.60	<mark>3.48</mark>	0.20	(0.06)	693.93
13								

This is very useful, since we will be able to find all links existing in the range of cells, to realize how the values in the cells have been arrived at.

Remove multiple dependents

<u>к</u> ч

This option removes all arrows indicating origin links in the selected range.

Simply select the desired range and press the appropriate button. The results are immediately available.

Erase auditing arrows

P

This tool bar option erases all origin and/or dependence link arrows from the active sheet.

In Addition, you are able to delete the gridlines and put bookmarks. For Example: if you have used the tool "Inblock formula's analyzer " to detect connections among formulas within a range.

Compare ranges

먑

With this tool you will be able to make comparaciones of formulas and values of the datas of a range.

In the following example, if you have: The I11:I21 range in the sheet Beta1 of the Model book and u wish to buy it with the I11:I21 range of the Beta1 sheet.

In this case we check option : compare 2 ranges
 Indicate book and range
 Specify book , in this case the Model book and select range , in this case range I11:I21 of the Beta sheet.

For the second range , proceed just the same way. Select the book and indicate for this case range I11:I21 of the Beta1 sheet.

Compare Ranges		×	
Compare			-
C The conte	ents of two entire worksheets.		
1 🕥 Two rang	es.		1.48
. •	2		1.28 1.96
Workbook 1:	MODEL.xls!Beta	•	1.38
Range 1:			0.89 0.33
itango 11	Beta!\$I\$11:\$I\$21	-	1.18
Workbook 2:	MODEL.xls!Beta1	•	0.78
Range 2:	Beta1!\$I\$11:\$I\$21	-	1.08
23	Do it ! Cancel		-

3.-Click on the **Do it** ! button.

Finally we obtain a report with the comparacion of range1 and range2.

Compa	re two i	ranges.			
Created (02/04/200	7 01:49:17 p.	m.		
Range 1: E	9eta!\$I\$11::	\$I\$21 Workbo	ok: (MODELO1.	xls)	
Range 2: E	9eta1!\$I\$11	:\$I\$21 Workb	ook: (MODELO1	l.xls)	
Addr	ess	Val	ues	Formula	
Range 1	Range 2	Range 1	Range 2	Range 1	Range 2
111	111	1.48	1.48	=AVERAGE(F11:H11)	=AVERAGE(F11:H11)
112	112	1.283333333	1.283333333	=AVERAGE(F12:H12)	=AVERAGE(F12:H12)
113	113	1.96	1.96	=AVERAGE(F13:H13)	=AVERAGE(F13:H13)
114	114	1.383333333	1.383333333	=AVERAGE(F14:H14)	=AVERAGE(F14:H14)
115	115	0.893333333	0.893333333	=AVERAGE(F15:H15)	=AVERAGE(F15:H15)
116	116	0.33	0.33	=AVERAGE(F16:H16)	=AVERAGE(F16:H16)
117	117	1.183333333	1.183333333	=AVERAGE(F17:H17)	=AVERAGE(F17:H17)
118	118				
119	119	0.784615385	0.774615385	=+Damddar IC18	=+Damddar.!C18-0.01
120	120				
121	121	1.082069878	1.092069878	=AVERAGE(SUMPRODUCT(I11:I17,\$H\$31:\$H\$37)/SUM(\$H\$31:\$H\$37),I19)	=1.08206987766007+0.01

Formula's translation

1											
-(F	ormula's trai	nslation							_ ×	3
	Tr	anslate: 🔿 p	Formulas to la	bels. 🔿 For	rmulas to valu	es. 🧿 Com	ments' text.		Set 🦠	2 🗶	

Translate

Formulas to labels Formulas to values Comment's text Deactive tool

Settings

 Model Builder For Excel

 Revision bar

 Image: State of the state

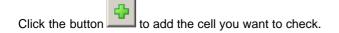
Model navigator

<u>ت</u>

Workbooks are often very extensive –and sometimes you will be interested only in checking the value of certain cells. And the mere fact of locating them may be nothing short of a feat.

Model Navigator was built with this in mind: the perfect tool to navigate through specific cells in your spreadsheet.

You can add and/or remove the cells you wish to and from the Model Navigator dialog as follows:



Click the button _____ to remove a cell from the list.

Also, you can see the cell either in the upper-left corner or in its normal location.

This information is saved in a very hidden sheet of your workbook and is only available to that workbook.

Model navigator	×
Cells	
SALES	Sheet1!E20
CF	Sheet1!M20 Sheet2!B14
COSTS	Sheet2!D14
VALUE	Sheet2!F14
	Comment:
	November Taxes
Show addresses.	
	View Cell in the upper-left square.

This box is resize-able. Simply place the cursor on the dialog box's borders and reduce/increment its size, according to your convenience.

Cell's watcher

۲

Do you need to select important cells in your model? Use this powerful tool to select and manage them. Workbooks are often very extensive –and sometimes you will be interested only in checking the value of certain cells. And the mere fact of locating them may be nothing short of a feat.

Cell's watcher is the right tool to navigate through specific cells in your spreadsheet.

You can add and/or remove the cells you wish to and from the Cell's watcher dialog as follows:

Click the button to add the cell you want to check.

Click the button to remove a cell from the list.

Cell's watcher stores the cells in two groups: Output. Cells containing formulas. Input. Cells with no formulas.



the value of an input cell and und any changes.

Moreover, you may view the cell value in the upper-left corner or in its original location and enlarge or shrink the Cell's watcher dialog.

This information is saved in a very hidden sheet of your workbook and is only available to that workbook.

Cell's wate	her 🔀	
Output	Hide	
Input	Hide	
LP_SUM T_LOAN	355,600 178,400 ∛	
178400 1		
	61	

My favorites

Ĉ🔶

Do you need to manage many folders, workbooks and worksheets in one place? Use this powerful tool to select and manage them all.

Observation:

If you use **Windows Vista**, it will be necessary to activate some permissions. This video will teach you how to configure some permission to make this tool work out correctly. http://www.jabsoft.com/model_builder_for_excel/videos_emb/security_demo_xmb/security_demo.htm

Workbooks

This utility will allow create a list with our directories most visited, to access quick and easily. It works so:

- 1.- Press the 'Add ' button to add a directory to the favorite directories list.
- 2.- Press the 'Delete ' button to erase a directory of the favorite directories list.
- 3.- Press the 'Go to' button to open the selected directory with the Window's Explorer.

My Favorites	×
Folders Workbooks Sheets Macros Logos	
Favorite folders:	
G:\Documents and Settings\Administrator\Desktop G:\Documents and Settings\Administrator\Desktop\web G:\Documents and Settings\Administrator\Desktop\web G:\Documents and Settings\Administrator\Desktop\ager	s\FTP_API
Add Delete	Go to
	Close

This utility will allow create a list with our directories most visited, to access quick and easily. It works so:

- 1.- Press the 'Add ' button to add a directory to the favorite directories list.
- 2.- Press the 'Delete ' button to erase a directory of the favorite directories list.
- 3.- Press the 'Go to' button to open the selected directory with the Window's Explorer.

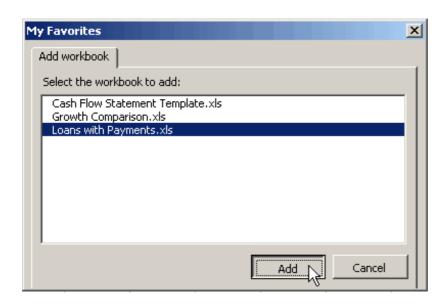
My Favo	rites					×
Folders	Workbooks	Sheets I	Macros	Logos		
Name	•					
					Add	
					Delete	
					Open	
					Open file's folder with Explorer	
1						
2					Close	

This tool allows you to store a list of most frequently used workbooks. It's a kind of direct access.

Think of the following situation:

You have to check, say, three workbooks (or more, for that matter) on a daily basis. This means you have to first go to the folders containing them to access each. With My Favorites you no longer will have to do that. Just do as follows:

- 1. With all opened relevant books, click My Favorites > Workbooks .
- 2. Click the Add button



3. Select the workbooks you want to include in your list of favorites. Click ${\mbox{Add}}$.

That would be it.

My Favorites	×
Folders Workbooks Sheets	
Name	
Loans with Payments.xls	Add
	Delete
	Open
	Open file's folder with Explorer
G:\Documents and Settings\Administrator\Desktop\	
2	Close

The next time you want to open that workbook, just click the **My Favorites** button and you we will be able to access your most frequently used workbooks from this dialog.

In addition, you can delete any workbook from the list and open the folder the selected workbook is in.

My Favorites						x
Folders Workbooks Available templates: Cash flow Gantt	Sheets	Macros	Logos	 ore active as temp Delet Insert tem	e	
2				 C	lose	

Sheets

If you constantly use certain templates and need to open several books to copy the templates onto several workbooks, this is the tool you need.

Favorite templates saves the templates you wish in one single place and allows you to easily access them. Options include:

• Store active sheet as template : First select the desired template by checking the corresponding checkbox, then

click this button.

- Delete : Clears the selected template from your list of favorites.
- Insert template : To copy a template (already stored) onto the active workbook

In certain occassions we see ourselves in the necessity to have a macro to realize same repeated and automatic tasks. Sometimes we use the "grabadora de macros" to generate them and then we modify to our convenience.

Finally we finish to lose those macros or we just dont know in what book we saved it the last time.

The Favorite Macros tool was made to keep and to arrange our most used macros when we want. We keep it in the "bloc de notas" in an organized way to facilitate the use.

This tool has a complete panel control to edit, to copy and to export macros.

Click on Edit Button... To edit an existing macro. Click on New Button... To add a macro to a macro list. Click on Save Button... to save a new macro or save the changes of a modified macro. Click on Delete button... to eliminate a macro from the list. Click on Copy button to copy a macro to memory (then you can paste in any place) Click on the Export Button... to save the selected macro in a "bloc de notas"

Suppose that you have saved many macros with this tool and then you want to use the macros in another PC, Simply use the path you used to install Excel Model Builder and then copy "My Macros" file in the other PC. My Macros file is where the macros is saved.

My Favorites	X
Folders Workbooks Sheets Macros Logos	,
Stored macros:	
demo_macro	Delete
Paste or type your code here:	New
' 'Copy this code to a worksheet module and, after 'add values to the cells A1 and A5 respectively.	Ēdit
Private Const Origen = "A1" Private Const destino = "A5"	Save
Private Sub Worksheet_SelectionChange(ByVal Target As Range) On Error Resume Next If ActiveCell.Address(False, False) =	Сору
Range(Origen).Offset(1, 0).Address(False, False) Then Range(destino).Value = Range(Origen).Value ElseIf ActiveCell.Address(False, False) =	Paste
Range(destino).Offset(1, 0).Address(False, False) Then Range(Origen).Value = Range(destino).Value	Export
2	Close

Logos

- 1.- Select an image of your worksheet.
- 2.- Press the Add button.
- 3.- The image will be saved in My Favorite $\ensuremath{\textbf{Logos}}$.

	My Favorites Folders Workbooks She	eets Macros Logos		×	
	3				
	$ \rightarrow $				
	2 2	Add Selected logo	Close		
H					

To delete an image:

- 1.- Do right click on the image.
- 2.- Click the Delete option of the popup menu.



Note: You can insert max. 64 images.

Sheets manager

齨

Your workbooks have so many sheets you find it hard to manage them? Use **Sheet Manager** –a comprehensive tool that will make any worksheet management task easier to you.

Sheets manager show a relation of all the sheets of your workbook, including hidden and the very hidden sheets, too describes the other properties to each one of them. Thus you can quickly note which are protected with password or which are hidden.

Sheets manager helps you, of simple way, with the following actions:

- Export the selected sheets...
- Hide sheets.
- Unhide sheets
- To make the sheets very hidden
- To show to the very hidden sheets
- To protect sheets
- Unprotect sheets
- Rearrange sheets
- Delete all the empty sheets
- Generate a Index of all the existing sheets.
- Navigation between the sheets
- Add sheets
- Rename sheets
- Delete sheets.

Sheets mana	ger				×			
Opened files :	Book1				• 2			
		npty Name Sheet1 Sheet2			Up Down			
☐ Show very I ☐ To the selec								
Rename	Hide	very hide she	eets	Protect	Сору			
Delete					Same upper left cells in all			
To the activ	To the active workbook							
Add sheet	select all the sheets Rearrange sheets							
Add Index	Delete em	pty sheets	Expor	t sheets as	Close			

Workbooks manager

¢ 🕸

Managing your open workbooks is made easy with the Workbook manager tool.

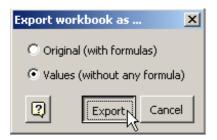
With this tool you can:

- List all open workbooks, even the hidden ones.
- · Save workbooks.
- Save workbooks in other folders.
- Close workbooks.
- Create a hyperlink to another workbook.
- Hide workbooks.
- Show (unhide) workbooks.
- Delete workbooks.
- Activate workbooks.
- Open the folder a workbook is in.
- Rename workbooks and move them to another folder.
- Export workbooks as backups.
- Destroy workbooks (without the possibility to restore assets and damage control may be required)
- Navigate through workbooks.

Workbooks manager	×
Visible Name	The selected file(s) will be
(V) Cash Flow Statement Template.xls (V) Loans with Payments.xls	Saved
(V) Growth Comparison.xls	Saved in folder
	Closed
	Create hiperlink
	Hidden
	Unhidden
	Deleted
	The selected file will be
	Activated
	Open file's folder with Explorer
	Renamed and Move
	Export/backup book
	Destroyed
Select All Exit	Activate selected book

Export / backup workbook

With this tool you can backup your workbooks either by making an exact copy of the original or by converting all formulas in your workbook into values.



To do list

8

To do list is a simple but useful tool, which allows you to manage any pending tasks related to a given workbook that may be key to your projects, in an ordered manner.

To do list allows you to add a task, edit it and control its progress.

It's very easy to use:

- 1. Click the To do list button in the Model Navigator toolbar. A dialog will be displayed.
- 2. Enter the corresponding information and save the model.

Once a long list of tasks has been built, you may navigate through them.

In addition, you may customize the template to suit your needs.

This To do list is saved in a very hidden worksheet of your workbook.

	To do	list	×			
Done	Priority	Cell referen	ice			
No 💌	Hight	Even CF	!\$F\$19 💶			
Comments		Go to refe	erence cell			
Check : I	Present Va	ue Flows + Residu	ual Value			
1						
	Browse	'To do list' —— < >	>>			
New	Edit	Save	customize template			
Show 'To do list' sheet.						
		-				

Version manager

۲<u>–</u>

With this tool you will be able to check the progress of your projects.

The accomplishment of a project usually means to work with the same workbook(s) for several days.

It would be ideal to add (hidden) commentaries of significant occurrences, drawbacks, and/or pending tasks as your project makes progress.

This tool do this –and more. You may save and edit in a very hidden sheet the information corresponding to the progress of your projects. An you may review all that saved information.

In addition, you have the option to customize the template to suit your needs.

	Version manager 🛛 🔀			
Number	: 1.00			
Author :	JABS			
Date	: Ago 10, 05			
Time	: 12:22 PM			
File name	: Loans with Payments			
Released to	:			
On	Ago 10, 05			
Comments	:			
Workbook given to V. Moore. Lack confirm the data of				
John Smith				
	Browse versions			
2				
New	Edit Save customize			
	Lent Save template			
🗌 Show sh	eet with report.			
	Close			

Password list

Ş

Use **Password list** to view/add/delete/edit your password for MS Excel and MS Word files. If you open a file with a password stored in the **Password list**, it opens automatically without need to type the password. Go to Pswd>Passwords List to view it.

P.	assword Lis	it				x
	Add	Delete	Edit		√ ок	
	Application	Subje	ct	Password		Ī
	Microsoft Ex	cel Micro	soft Excel	test		

Add : Add a new password. You could add a Name, Password and Comments. The Password could be randomly generated using the Generate button.

Delete : Delete a stored password.

Edit : Edit a stored password. You could edit the Name, Password and Comments. The Password could be randomly generated using the Generate button.

Ok : Close Password list.

Password list settings

S

Use **Protection Configuration** to add different types of passwords protection to your file. The passwords will storage in the Password List .

Options	Password Configuration Backup
— Privad	y Keeper Options
	1ask password with (*)
	isplay messages
	etect Password Using the Password List

The Password Utility Configuration have these tab menus:

- <u>Options</u> : Set up add-in preferences as hide typed passwords with (*) and display messages. Also you could set up if the add-in detect the passwords automatically using the Password List .
- Password Configuration : Add a password protection to use the add-in.
- <u>Backup</u> : Make a backup of your passwords. The backup file is encripted for your security.

Note: MS Power Point doesn't have this option.

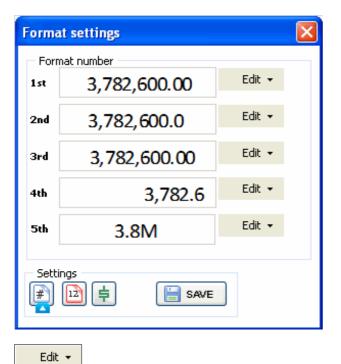
Format Number

#

Change the format of your numbers using the **Format Number** tool . Click many times to see other types of number formats.

1st click	3,000,000	
2d click	3,000,000.0	
3rd click	300,000.00	
4th click	3,000.0	(thousands)
5th click	3.0M	(millions)

Format settings



Note:

This function is available in excel 2007 and above.

Format Date

51 0-0

Change the date formats easily using the Format Date 🛅 tool . Click many times to see other types of date formats.

1st click	Mar-04
2d click	Mar 25, 04
3rd click	3-25-04
4th click	Mar-25
5th click	Jueves, 03-25-2004

Format settings

Format settings									
Format date									
1 st	Jul-03	Edit 👻							
2nd	Jul 24, 03	Edit 👻							
3rd	7-24-03	Edit 👻							
4th	Jul-24	Edit 👻							
5th	Jueves, 07-24-2003	Edit 👻							
Settings									

Note:

This function is available in excel 2007 and above.

Format Currency

\$

Use this tool to apply format of currency to a range of cells.

Change the format of your numbers using the **Format Currency** tool . Click many times to see other types of number formats.

1 click without decimals 2 clicks with one decimal 3 clicks with 2 decimals

1,000€	1 click without decimals
1,000.0€	2 clicks with one decimal
1,000.00€	3 click with 2 decimals

Format settings

For	mat se	ttings			×
15	Format n	umber 3,782,600	0.00	Edit 👻	
21	id	3,782,600	0.0	Edit 👻	
Simbol :	\$ En	glish (U.S)	•		SAVE
51 	Settings	3.8M	SAVE	Edit 🝷	

Format	Currency		X
Simbol :	\$ English (U.S)	•	SAVE
	 \$ English (U.S) \$ French (Canada) \$ Malay (Brunei Darussalam) \$ Maori \$ Quechua(Ecuador) \$ Singapur \$ Spanish (Argentina) \$ Spanish (Chile) 		

Note:

This function is available in excel 2007 and above.

Format percentage

%

Change the format of your numbers using the **Format percentage** 100 . Click many times to see other types of number formats.

1 click without decimals 2 clicks with one decimal 3 clicks with 2 decimals

Note:

This function is available in excel 2007 and above.

Easy search

Ľò,

This is a useful tool that has been designed to make searching in a data range both simple and efficient. On top of it all, you may handle results in a number of ways, such as:

Browsing within results

Do some mathematical operations (addition, subtraction, average, etc.)

Get statistics of cells that met selection criteria

Print a detailed report of the search carried out, as well as of results

Easy Search options include:

- 1. Search by format
- 2. Boolean search (logic criteria)
- 3. Text search

The following database will be used in all Easy Search examples:

	А	В	С	D	E	F	
1							
2		Year	First name	Last name	City	Gender	
3		2004	Chris	Sleep	Gastonia	M	
4		2004	Ellen	Oaks	Raleigh	F	
5		2005	George	Porge	Concord	M	
6		2002	James	Doe	Charlotte	M	
7		2002	Jean	Queen	Charlotte	M	
8		2002	Joe	Jones	Raleigh	M	
9		2002	John	Doe	Gastonia	M	
10		2001	Mary	Contrary	Wilmington	F	
11		2001	Max	Steel	Charlotte	F	
12		2001	Rachel	Quispe	Charlotte	F	
13		2001	Paula	Mann	Concord	M	
14		2003	Peter	Holland	Maryland	F	
15		2003	Sadie	Smith	Wilmington	F	
16		2002	Sam	Pam	Raleigh	M	
17		2001	Samantha	Bell	Gastonia	F	

Easy search - By text

1 a 10 5

Steps:

- 1. Include the active cell in the range to be searched.
- 2. Click on the Easy Search button in the toolbar.
- The selected range is automatically detected as the search range.
- If that is not the range to be searched, you may choose another manually.
- 3. Finally, decide which sheets contain the same range to be searched.

	A	В	С	D	E	
1						
2		Year	First name	Last name	City	
3		2004	Chris	Sleep	Gastonia	
4		2004	Ellen	Oaks	Raleigh	
5		2005	George	Porge	Concord	
6		2002	James	Doe	Charlotte	
7		2002	Jean	Queen	Charlotte	
8		2002	Joe	Jones	Raleigh	
9		2002	John 🌔	asy search		
10		2001	iviary	aby sources		
11		2001	Max	 Select the target ran 	ge:	a Select cell's
12		2001	Rachel	'Easy search 3'!\$B	\$2:\$F\$17	a Select cell's
13		2001	Paula	,		Paste results as
14		2003	Peter	Take target range fro	om	1 0300 1030103 03
15		2003	Sadie 【	3 • The active sheet		
16		2002	Sam 4			
17	_	2001	Samanth	— Search mode: ——		b Browse results
18 19				C By format (pattern	n color)	C Print report
20				Cell with the		
20				wanted format	_	
21						
				🔘 By logic criteria	Number or cell	1
				> 🔽 than numt)er	Close
			_		-	
				4 🖲 By text	Text or cell	5
				Equal to 🖣	Charlotte	
				Equal to		
			- 4	That contains h	2	

4. Now, choose the search mode. In this example, choose Search By Logic CriteriaDecide whether you want to search for a complete word or just a text contained in the word.5. Finally, choose the cell containing the target text or enter directly the text, as in the example.

Once completed, decide what to do with the data, namely:

a. Select the cells meeting the criteriab. Browse withing resulting cellsc. Print an Easy Search report.

Easy search - By format

2 222 2

Steps:

- 1. Include the active cell in the range to be searched.
- 2. Click on the Easy Search button in the toolbar.
- The selected range is automatically detected as the search range.
- If that is not the range to be searched, you may choose another manually.
- 3. Finally, decide which sheets contain the same range to be searched.

B2	!	•	= Year		Easy search	
	Ą	В	С	D	Select the target range:	
1					'Easy search 1'!\$B\$2:\$F\$17	Select cell's
2		Year	First name	Las		
3		2004	Chris	Slei	Take target range from	Paste results as
4		2004	Ellen	Oal		
5		2005	George	Por	The active sheet	See statistics
6	1	2002	James	Doe	L	
7	1	2002	Jean	Que	Search mode:	Browse results
8		2002	Joe	Jon	4 💿 By format (pattern color)	Distances
9		2002	John	Doe		Print report
10		2001	Mary	Cor	wanted format	
11		2001	Max	Ste		
12		2001	Rachel	Qui	C By logic criteria Number or cell	
13		2001	Paula	Mar		Close
14	1	2003	Peter	Holl	> _ than number _	
15		2003	Sadie	Sm		
16		2002	Sam	Par	C By text Text or cell	
17		2001	Samantha	Bell		
18	د				Equal to	2 >>
19						

- 4. Now, choose the search mode. In this example, choose Search By Format
- 5. We have to choose the cell with the background color of the cells to be searched.

ļ,	B	C	Easy search
1			
2	Year	First name	Select the target range:
3	2004	Chris 🗘 ;	'Easy search 1'!\$B\$2:\$F\$17
4	2004	Ellen 🤸	b Paste results as
5	2005	George	Take target range from
6	2002	James	• The active sheet • The selected sheets C See statistics
7	2002	Jean	
8	2002	Joe	Search mode:d Browse results
9	2002	John	By format (pattern color)
10	2001	Mary	
11	2001	Max	Cell with the 5 'Easy search 1'!\$C\$3
12	2001	Rachel	
13	2001	Paula	C By logic criteria Number or cell
14	2003	Peter	C By logic criteria Number or cell Close
15	2003	Sadie	> Than number
16	2002	Sam	
17	2001	Samantha	C Pu howt Taut au call
18			C By text Text or cell
19			Equal to 👻 💶 🕘 >>
20			
24			

Finally, decide what to do with the data, namely:

- a. Select the cells meeting the criteria
- b. Do mathematical operations with resulting cells.
- c. See search statistics
- d. Browse withing resulting cells
- e. Print an Easy Search report.

Easy search - By logic criteria

2 6 22 5

Steps:

- 1. Include the active cell in the range to be searched.
- 2. Click on the Easy Search button in the toolbar.
- The selected range is automatically detected as the search range.
- If that is not the range to be searched, you may choose another manually.
- 3. Finally, decide which sheets contain the same range to be searched.

	Α	В	С	Easy search
1				
2		Year	First name	Select the target range:
3		2004	Chris	'Easy search 2'!\$B\$2:\$F\$17 Select cell's
4		2004	Ellen	Paste results as
5		2005	George	Take target range from
6		2002	James	3 • The active sheet C The selected sheets See statistics
7		2002	Jean	
8		2002	Joe	Search mode: Browse results
9		2002	John	
10		2001	Mary	C By format (pattern color) Print report
11		2001	Max	Cell with the 'Easy search 1'!\$C\$3
12		2001	Rachel	
13		2001	Paula	
14		2003	Peter	4 • By logic criteria Number or cell 5
15		2003	Sadie	> than number 2002
16		2002	Sam	
17		2001	Samantha	
18	-			= Text or cell
19				
20				
21				

4. Now, choose the search mode. In this example, choose Search By Logic Criteria

5. Finally, just choose the cell or enter directly the value to be compared with.

Easy search	×
Select the target range: 'Easy search 2'!\$B\$2:\$F\$17	a Select cell's
Take target range from	b Paste results as
The active sheet The selected sheets	C See statistics
Search mode:	d Browse results
C By format (pattern color)	e Print report
Cell with the wanted format	
By logic criteria Number or cell	Close
> than number 2002	
C By text Text or cell	
Equal to	?>>

Once completed, decide what to do with the data, namely:

- a. Select the cells meeting the criteria
- b. Do mathematical operations with resulting cells.
- c. See search statistics
- d. Browse withing resulting cells
- e. Print an Easy Search report.

Toggle Settings

We often lose valuable time doing repetitive tasks -if, for example, we want to hide the headings in several sheets of the Workbook, we will have to do it one at a time.

This powerful tool has been crated to do away with such loss of time. Adventajes include:

Same upper -left cell in all

Let's say you are working in a workbook with 50 sheets and you wish to view the value in the R200 cell of each. It would be a dreary task having to navigate through all worksheets and locate that specific cell in them all, wouldn't it? With this tool, this would be as simple as:

- 1. Locate yourself in any worksheet and select the cell to be checked.
- 2. Press the Same upper -left cells in all button.

That's it. You will view that cell in all worksheets; the selected cell will be viewed the left upper corner. As simple as 1-2!

Reset Excel's last cells

This utility allows you to save only the part of each worksheet in use, meaning the section containing actual data or formatting.

It may happen that the last cell of a worksheet is beyond the range of your actual used data. This issue may cause you to have a larger file size than necessary, you may experience other unusual behavior.

Clear the excess rows and columns with Reset Excel's last cell and solve these issues.

And many configuration options more. Use this tool as best suits your convenience it's super-intuitive.

Toggle settings	×			
Reference style :				
● A1 O R1C1	✓ Formula bar ✓ Status bar			
Calculation Automatic	 Tabs Horizontal scrollbar Vertical scrollbar 			
C Automatic exept tables C Manual C Iteration	Gridlines			
Maximun Iterations 100 - Maximun Change 0.001	 ✓ Headings ✓ Zeros ✓ Show formulas ✓ Full screen 			
Comments Show only indicator comments				
Reset Excel's last cell Same upper-left cells in all Apply this settings to all sheets.				

Freeze | divide panes

⊞

Freeze panes

We sometimes work with models whose information does not fit in the screen. And we may get lost as we navigate throughout the spreadsheet as the headings of our model would no longer be visible.

Divide panes

There may be portions of our worksheet we wish to view at all times. If so, separate those sections as locked portions of data that can be manipulated. This tool can help us in the process of creating, navigating through, editing excessively long models and keeping an eye on them.

Follow these steps: 1st click - Freeze Panes 2nd click – Undo Freeze

	A	В	С	D	E
1					
2					
3					
4					
5					
6					
7					
8					

Guides

ľ

This tool is specially convenient if you want to navigate throughout databases with records or fields stretching beyond the screen.

Use this valuable tool to stay in the same record, regardless of the fact that column headings are no longer visible. The following figure is only for illustrative purposes.

	A	В	С	D	E	F	G	Н
1	_							
2	ſ	Year	First name	Last name	City	Gender	Birthday	Age
3		2004	Chris	Sleep	Gastonia	M	12-08	29
4		2004	Ellen	Oaks	Raleigh	F	08-08	26
5		2005	George	Porge	Concord	M	06-05	31
6		2002	James	Doe	Charlotte	M	07-12	32
7		2002	Jean	Queen	Charlotte	M	09-01	45
8		2002	Joe	Jones	Raleigh	M	11-23	29
9		2002	John	Doe	Gastonia	M	12-30	23
10		2001	Mary	Contrary	Wilmington	F	04-23	45
11		2001	Max	Steel	Charlotte	F	05-28	35
12		2001	Rachel	Quispe	Charlotte	F	04-29	27
13		2001	Paula	Mann	Concord	M	02-29	19
14		2003	Peter	Holland	Maryland	F 🗘	03-22	32
15		2003	Sadie	Smith	Wilmington	F	03-09	21
16		2002	Sam	Pam	Raleigh	M	04-12	31
17		2001	Samantha	Bell	Gastonia	F	12-30	30
18								

In order to delete the red colour guides, simply press the 'Guides' button again.

Arrange Windows

Ð

Do you wish to browse several workbooks at the same time? Or better yet: do you want to check different parts of a workbook at the same time?

We have created a useful tool that will allow you to sort and display all open workbooks on the screen; furthermore, you can view different areas of a workbook.

Just select the option Arrange windows and setup the tool as required. Your workbook(s) shall arrange immediately.



Easy Print

₿

This tool makes printing and previewing Areas, Charts, Views easier.

Sheet tab

Choose page mode by selecting either **Protrait** or **Landscape** Choose **Selection in active sheet** to print a selection, i.e. range or chart with the corresponding Preview, you can choose the number of copies to be printed, and select the printer from a list of available printers.

Choose **Multiple selection in active sheet** to print areas or several selected rantes or an embedded chart in the sheet. Selected ranges may be located in different parts of your worksheet, but this tool will sort them all automatically one under the other.

Choose Active sheet the print the active sheet, whether a chart sheet or a work sheet.

If you choose **Pages in Active Sheet** the text box will be enabled. Enter the page numbers of sheets to be printed, separated by commas and hyphens.

Minimum allowable value is ONE (1) so the tool won't let you enter ZERO (0), for example. ONE (1) is the first page. The same will apply if you try to enter a value greater than the page number of the last available.

Choose All book to print the whole book, including chart- and worksheets.

Easy print								
Settings Sheets Custom views								
Orientation Orientation Orientation Orientation Orientation A O Landscape A								
Selection in one sheet								
C Multiple Selection in active sheet								
C Selection from each selected sheets								
C Active sheet								
C Pages in Active sheet								
C All book For Example 1,4-6,8								
Copies								
1								
Printer								
Adobe PDF								
Preview Print Close								

Worksheet tab

Choose page mode, either Portrait or Landscape .

Then click on the **Worksheet** tab, select the sheets to be printed. Do not leave this tab while printing. The same applies to **Preview**.

Easy print	×							
Settings Sheets Custo	m views							
Sheet1 Sheet2 Sheet3								
None Inver	se All							
Copies								
Printer Auto EPSON Stylus C20 Series on ESTAC								
Preview F	Print Close							

Custom views tab

Choose page mode, either Portrait or Landscape .

Then click on the Custom views tab, select the views to be printed. Do not leave this tab while printing.

Easy print	×							
Settings Sheets Custom views								
 ViewFirst ViewSecond ViewChart ViewSelectionSheet 								
None Inverse	All							
Copies								
Printer								
Adobe PDF	•							
Preview Print	Close							

Set alarm

Ð

Use Set alarm to receive a reminder if you have a meeting or need to do something special.

Alarm Message		×						
Set Alarm		~~~						
• Minutes from	m Now : 11							
O Directly	10:55	am 💉						
C Message only								
C Alert Alarm on	C Alert Alarm only Customize your alarm message							
Alarm & Messa	ige							
2	ОК	Cancel						

Set your message with for a certain amount of minutes or specific time. Yu could also set your reminder as a pop-up message, audible alarm or both.

Alarm Message	×							
Set Alarm								
• Minutes from Now : 11	L							
O Directly 10:55	jam <u>∗</u>							
C Message only								
C Alert Alarm only								
Alarm & Message								
С	Cancel							
Put your message here:								
Time to work.	OK Cancel							

At the set time, the alarm and/or reminder message will go off, depending on how you set it.



Arithmetical calculator

This useful arithmetical calculator, in addition to performing the most common calculations, makes it possible for us to copy data from a cell in the active sheet, and to paste the results

of the calculation in an active sheet's cell.

In addition to this, the results of the series of tasks can be seen on a side list.

Accordingly, we can be ascertained of having entered the correct data.



Calcula	tor			×
			5125.12	98.56 × 52
7	8	9	÷C	5125.12
4	5	6	X CE	
1	2	3	_ 1/x	
0		=	+ sqr	
<u>G</u> e	t	Paste	<u>C</u> lose <	Clear memory

Select by format

#

This tool selects cells of a given range, but only taking into account those with a given format. Consider the following example:

Select all cells with pink background and white color font.

1. Click on the Specific cells button. The selected range will be automatically loaded, and may be modified.

	A	В	C	D	E	F	G	H	3	J
1			-		-					
2	1	ID	Product name	Quantity	price					
3	12	001	Coffee A	5167	\$10					
4	12	002	Tea A	5206	\$5					
5	13	003	Juice A	5245	\$ 9					
6	1. 8	004	Coffee B	5322	\$10					
7	1	005	Tea B	5361	\$5	Select by	. Fourset			
8	- 3	006	Juice B	6666	\$ 9	Select by	rormat			1
9	1	007	Coffee C	7777	\$10	Choose th	he range to ev	valuate:		
10	1 3	800	Tea C	8888	\$5	SHEET	1!\$B\$2:\$E\$26	5	<u>.</u>	Ok
11	12	009	Juice C	9999	\$ 9					UK.
12		010	Coffee D	1010	\$11	Cell wit	th the format	to evaluate:	-	- and the second se
13	1. 3	011	Tea D	5050	\$6	SHE	ET1!\$E\$19		1	Cancel
14	. <u>(</u>	012	Juice D	5089	\$10	- Consid	lering,		VS	
15	1	013	Coffee E	5128	\$12					
16	- 3	014	Tea E		\$7		mber format.			
17	1 3	015	Juice E	4816	54	For	nt size.			
18	13	016	Coffee F	4933	\$15	E Fo	nt type.			
19		017	Tea F		\$10					
20		018	Juice F	5011	\$7		nt bold.			
21	1	019	Coffee G		\$5	For	nt color.			
22	1	020	Tea G	2345	\$5	Пно	rizontal alignn	nent.		
23	1	021	Juice G	3456	\$5		and the second secon			
24	1	022	Coffee H	4777	\$10	I Ver	rtical alignmer	nt.		
25	1 3	023	Tea H	2222	\$6	Ce	ll's color.			?
26		024	Juice H	3333	\$ 9					<u></u>
27							1	1	1	

The result is shown below:

	A	В	C	D	E	F
1		2	24			
2		ID	Product name	Quantity	price	5
3		001	Coffee A	5167	\$10	
4		002	Tea A	5206	\$5	
5		003	Juice A	5245	\$9	
6		004	Coffee B	5322	\$10	
7		005	Tea B	5361	\$5	
8		006	Juice B	6666	\$9	
9		007	Coffee C	7777	\$10	
10	1	008	Tea C	8888	\$5	
11		009	Juice C	9999	\$9	-
12		010	Coffee D	1010	\$11	
13		011	Tea D	5050	\$6	
14		012	Juice D	5089	\$10	
15		013	Coffee E		\$12	-
16		014	Tea E	5284	\$7	
17		015	Juice E	4816	\$4	
18		016	Coffee E	4933	<u>\$15</u>	
19	Ĉ.	017 018	Tea F	4972	\$10	
20	Ç	018		5011	\$7	с >
21	-	019	Coffee G	1234	\$5 \$5	
22		020	lea G	2345	\$5	
23	1	021	Juice G	3456	\$5	
24		022	Coffee H	4777	\$10	
25	1	023	Tea H	2222	\$6	
26		024	Juice H	3333	\$9	
27		e Parlanta da Santa da Santa 2				

You may select any format you wish. It's super intuitive

Do you need more help?

- If you need help address to our HelpDesk (http://www.jabsoft.net/helpdesk)
- If you have comments or suggestions about Model Buider for Excel add-in, please contact us at: support@jabsoft.com

Our postal address is: JABS Av. San Martín 351 OF. 401 - Miraflores Lima 18 Perú

- Developer website: Jabsoft (http://www.jabsoft.com)
- Sales website: Model Advisor (http://www.modeladvisor.com)

Copyright ©2010 Model Builder for Excel is a registered trademark of JABS. All rights reserved.