

How to use the adjustment row height of the Excel add-in "AutoFitRowEx"

1 Introduction

By WindowsUpdate updated to 2016/7, it will not start unless you unblock the add-in file. Link

→ [Please see how to set it.](#)

The Microsoft Excel has the ability to automatically adjust the height of the row, but automatic adjustment does not work with a merged cell. In addition, automatic adjustment function does not perform the adjustment for printing. Therefore, you may end of the sentence of the cell is not printed at the time of printing. This add-in is possible to solve the above problem.

This add-in is provided with a function of "automatic adjustment of the row height, including the merged cell" and "adjustment of the row height for printing".

2 Function of the add-in

2.1 Automatic adjustment of the row height

Shortcut of "Adjust row height" will be added to the shortcut menu that appears when you right-click on the Excel screen. If you set this add-in.

If you select "Adjust row height", perform the automatic adjustment of the height of the row to have been specified in the cell in the selected row.

This add-in will make the automatic adjustment of the row height to have been specified in the cell in the selected row. (Selection does not matter which column)

There are two types of "for display" and "for printing".

If you run the "for display"

This function performs the automatic adjustment of the row height that is suitable for display on the PC.

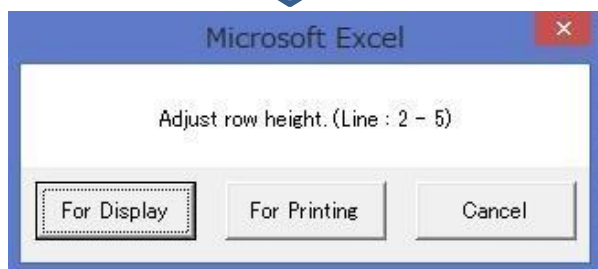
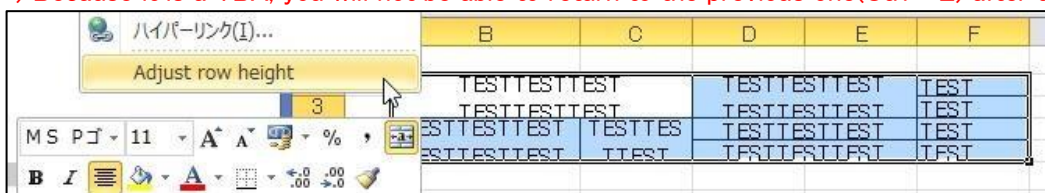
If you run the "for printing"

This function performs the automatic adjustment of the row height that is suitable for printing.

*) Please do not create a sheet named "Temp_ForAdjustRowHeightAddIn".

Because, this add-in will remove the "Temp_ForAdjustRowHeightAddIn" sheet when there is the same name of the sheet.

*) Because it is a VBA, you will not be able to return to the previous one(Ctrl + Z) after the run.



	A	B	C	D	E	F
1						
2		TESTTESTTEST	TESTTESTTEST	TESTTESTTEST	TEST	
3		TESTTESTTEST	TESTTESTTEST	TESTTESTTEST	TEST	
4		TESTTESTTEST	TESTTESTTEST	TESTTESTTEST	TEST	
5		TESTTESTTEST	TESTTESTTEST	TESTTESTTEST	TEST	
6						

2.2 Processing when text exceeds the limit value of the row height of the cell

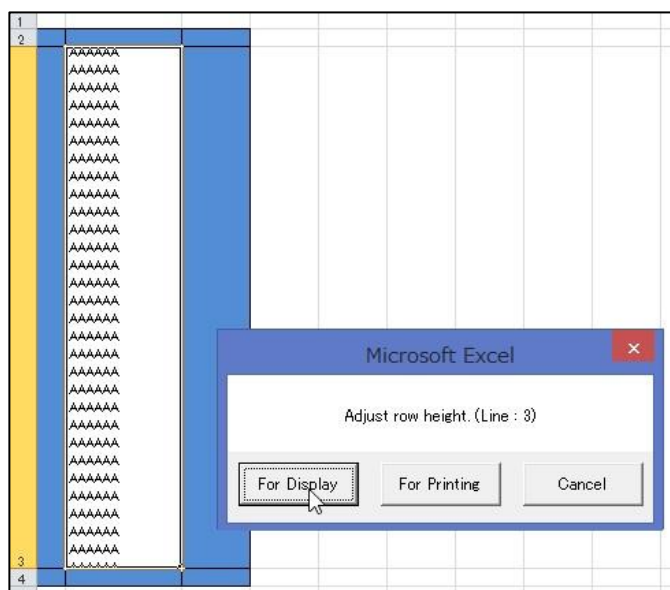
If text exceeds the limit value of the row height of the cell (409.5 points), automatically add a row to adjust the height.

If text exceeds the height of the limit values of the row of cells (409.5 points), and displays the following message box, make sure the permission of the insertion of the row.

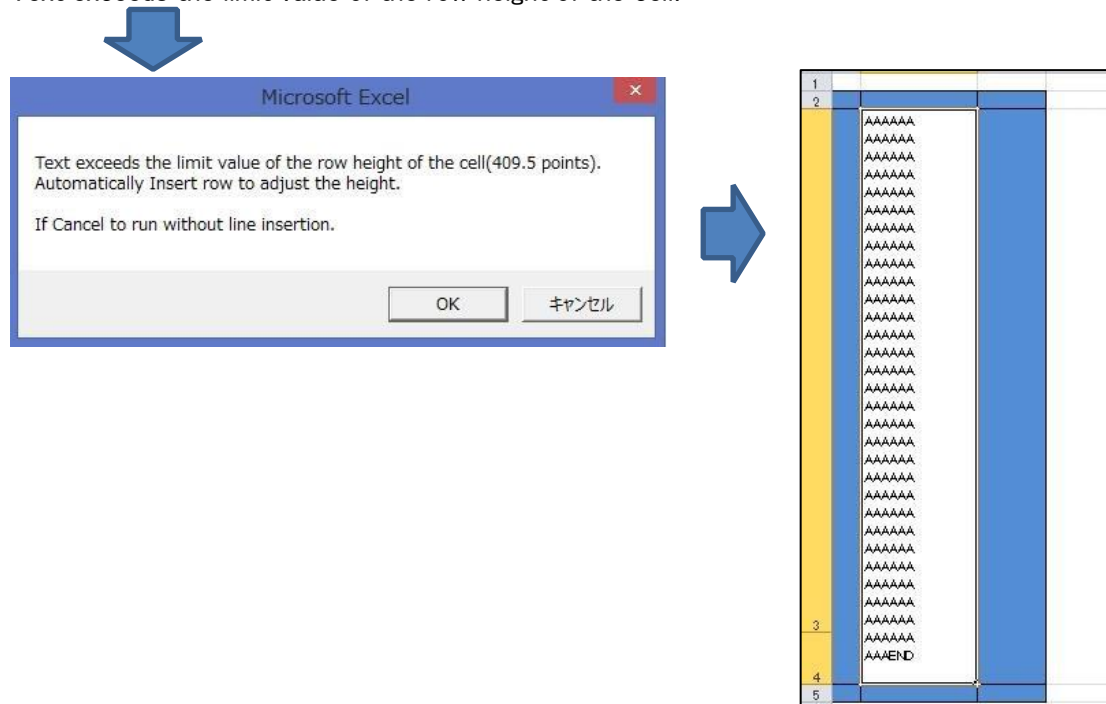
If you select “OK”, This add-in insert a row , and adjust the row height.

If you select “Cancel”, This add-in does not insert a row , and adjust the row height.

When the add-in to insert a row, and then combined with the automatically cell above it.



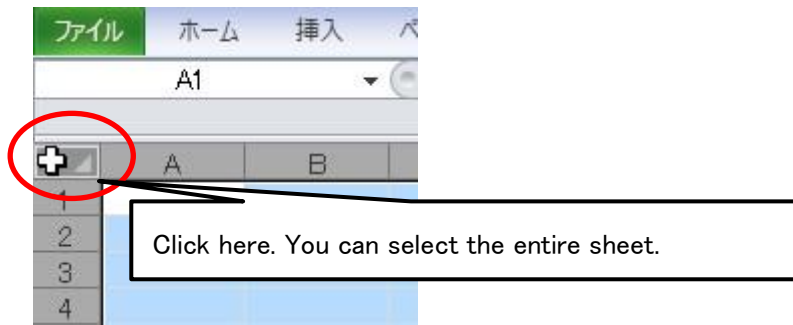
Text exceeds the limit value of the row height of the cell.



2.3 Run the entire sheet

If you want to run the automatic adjustment of height for the entire sheet

- (1) Click on the top left of the sheet.
- (2) Show shortcut menu by right-clicking.
- (3) Run the "Adjust row height".

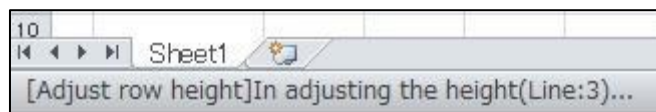


2.4 Shortcut key

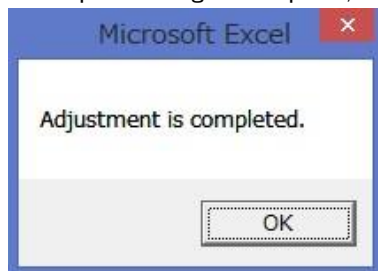
- [Display dialog] Ctrl + Shift+ r
- [No dialog and execute for display] Ctrl + Shift + t
- [No dialog and execute for print] Ctrl + Shift + y

2.5 Display of status

The current processing status is displayed in the bar at the bottom left of the Excel window.



When processing is complete, a message is displayed.



2.6 Corresponding to cell of hidden row

Hide the row which hidden before operation.

2.7 Corresponding to cell of hidden column

For cell of hidden column, run the standard function of height automatic adjustment.

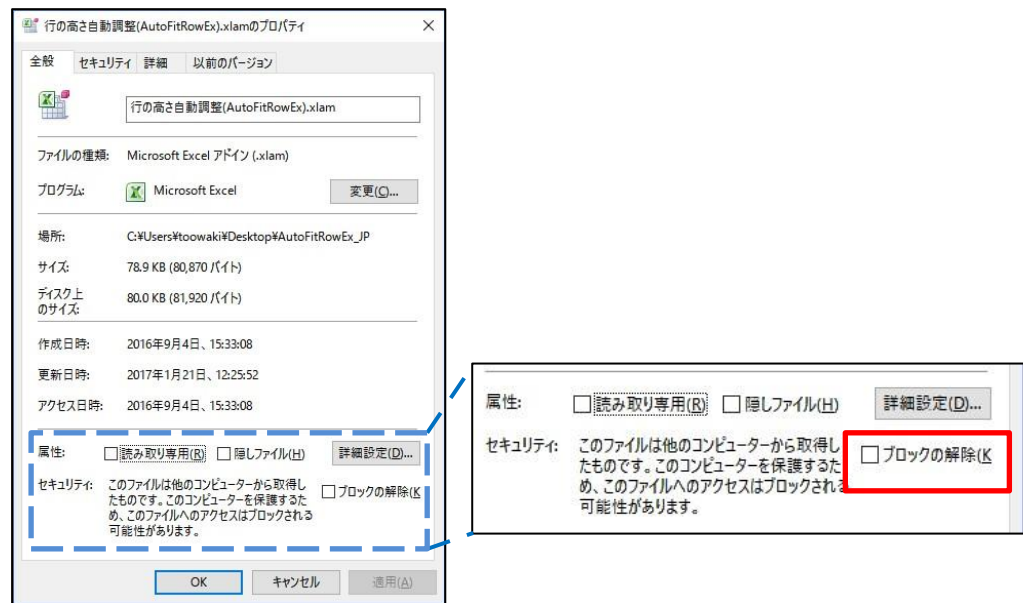
3 Settings for add-in

Before you read the Step1, please search the keyword that "How to use Excel add-in" using the google. If you search, you will find a page that explains in an easy-to-understand settings for add-ins. You can then set smoothly by reading the following.

3.1 Step 1: Unblock add-in file

By Windows Update around July 2016, Excel add-in acquired from the Internet must be unblocked before it can be used. Open the Properties window of the add-in file and set "Unblock".

(Right click on the file and select Properties, the following property screen will appear.)



3.2 Step 2: Copy the add-in to the add-in folder

There is a folder to save the add-in to the following address.

C: ¥ Users ¥ [user name] ¥ AppData ¥ Roaming ¥ Microsoft ¥ AddIns ([user name] is depends on the user)

Please try to save this add-in("Adjust_row_height (AutoFitRowEx).xlam") there.

Tip: To open the above folder is automatically at the time of add-In setting, it is easy when you save this add-in at that time.

*) Add-in will read every time at run time. Therefore, please keep add-in file in the same location. Please save to always AddIns folder if you are using the Excel2013.

3.3 Step 3: Specify the add-in (in the case of Excel2010)

- (1) At the Excel screen, click the [file] toolbar, and click the option to open the Excel Options dialog.
- (2) In the left pane of the Excel Options dialog box, and then click Add-Ins.
- (3) Under the dialog box [management] list box and it was confirmed that is "Excel add-in", and then click the Settings button.
- (4) Add-Ins dialog box appears.
- (5) Please click the [Browse] button. If you run [Browse Files] dialog box appears.
- (6) Please specify the add-ins that you saved in the previous Step 1. And, please restart the Excel. This is in the setting is completed.

3.4 How to unset the add-in

- (1) Please click to clear the check box for "Adjust_row_height (AutoFitRowEx)" in the Add-Ins dialog box.
- (2) Open the folder where the add-in file is saved, move the add-in file to another folder, or delete.
- (3) In a state in which the add-in file is no longer present to open the Add-Ins dialog box, and then click the add-in that you want to unregister.
- (4) When you run, you will see Delete confirmation message.
- (5) If you click the [Yes] button, the registration of the add-in will be canceled. And, it will be deleted from the list in the Add-Ins dialog box.

4 How to use automatic row height adjustment feature in your VBA

After installing the AutoFitRowEx add-in, you can execute AutoFitRowEx for the selected row by adding the following description to your VBA.

The function of row insertion at the cell row height limit value (409.5 points) is disabled.

And, you cannot adjust the height of a sheet that is protected.

■ For display

Application.Run "autoFitRowForDisplayNoMsg"

■ For printing

Application.Run "autoFitRowForPrintNoMsg"

Below is an example of how to adjust the height automatically for the entire selected book.



5 Settings for adjusting the print height of each font

You can adjust the row height for printing by setting RatioOfHeight and RatioOfWidth for each font.

Add-In operates by referring to the file setting of

"C:\Users\<UserName>\AppData\Roaming\Microsoft\AddIns\AutFitRowEx_SettingFile.csv".

AutFitRowEx_SettingFile.csv				
	1	2	3	4
15	FontName,	RatioOfHeight,	RatioOfWidth	
16	Calibri,	1.05,	0.88	
17	Segoe UI,	1.05,	0.88	

Steps in AutoFitRowEx

- Step1: Copy original cell to another single cell X
- Step2: Change the column width of cell X (Column of cell X = original column * column ratio (=RatioOfWidth))
- Step3: Automatically adjust the height of cell X
- Step4: Set "Height of Cell X * Height Ratio (=RatioOfHeight)" to the original cell height

6 Operating environment

- Excel2010, Excel2013, Excel2016

7 Use conditions

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8 Disclaimer

The author does not participate at all in using this program and the resulting damage or loss.

The responsibility of the user, please be sure to use this program.

9 Contact

If you have any requests, etc., asks for mail to toowaki.fc2 @ gmail.com.

URL is <http://toowaki.web.fc2.com/>.

10 History

Date	Content	Ver.
2014/10/28	New	1.0
2014/12/05	Corresponding to overflow during the sheet all selection	1.1
2014/12/12	Corresponding to overflow during the sheet all selection.[Re-fix]	1.2
2015/01/06	Corresponding to the height adjustment of the formula cell	1.3
2015/01/24	Corresponding to the processing for the hidden row. Corresponding to the processing for the hidden column.	1.4
2015/02/05	Corresponding to Excel2003. The unified the word "self-adjusting" to "automatic adjustment"	1.5
2015/03/21	Display only message in the case of the protective sheet, it does not execute.	1.6
2015/04/12	Excel2013 only, a phenomenon in which the process is slow has been fixed.	1.7
2015/04/26	"Adjustment row height" is to be displayed in the shortcut menu on the row line number	1.8
2015/07/12	Improved the bug that stopped when the display in the "Page Layout". Added shortcut key functions.	2.0
2015/10/31	Unified the width of the height adjustment of each version.	2.1
2016/08/15	Added description of the shortcut to the user form	2.2 (2.3 is missing)
2017/01/21	Add-in setting added → Details are here	
2017/05/20	The display of the right click menu was changed from setting by command bar to setting by ribbon UI. Excel 2007 and below are the same as before.	2.4
2017/10/29	Macro does not work when using shared book.	2.5
2018/05/19	Fixed automatic adjustment of the row height to be printed when using MS font	2.6
2019/12/15	Added the following two shortcuts. - [No dialog and execute for display] Ctrl + Shift + t - [No dialog and execute for print] Ctrl + Shift + y	2.7
2020/08/16	- Added a description of how to use AutoFitRowEx in user's VBA - Added setting to adjust the row height of each font for printing	2.8
2021/03/17	Fixed the cell height adjustment function when the font size is smaller than the default font size.	3.2
2022/09/22	In this version, AutoFitRowEx is executed without minimizing.	3.3