

How to install Triple Junction

This program is provided with examples, help files (in .pdf or on line in .chm) and a folder containing DLL that all must be installed in a dedicated folder : **C:\multijunction**. One of the examples (Meusel.trj) comes from a publication by M. Meusel, C. Baur, G. Létay, A. W. Bett, W. Warta and E. Fernandez, *Prog. Photovolt: Res. Appl.* 2003; **11**: 499-514.

In some languages the decimal symbol is a comma (,). **Triple Junction** works with both decimal symbols, comma (,) or dot (.). However, the data and results of the calculations will be saved with the system symbol and some softwares used subsequently to plot the results do not necessarily work with comma (,) (e.g. Origin). This symbol can be replaced by a dot (.) in the configuration panel. See for instance:

<http://resrequest.helpspot.com/index.php?pg=kb.page&id=279>

The simulation should run with several Windows® systems (from 95 up to Windows® 10). For that copy the 'DLL_VB' files in 'C:\Windows\System32', if the system runs in 32 bits, or in 'C:\Windows\SysWOW64', if the system runs in 64 bits. In this last case the file Comdlg32.ocx must be installed in both 'C:\Windows\System32' and 'C:\Windows\SysWOW64'. If one or several of the 'DLL_VB_XP' files are already in these folders **do not copy** them.

It is highly probable that at the first run of **Triple Junction** you may face a problem with the Comdlg32.ocx file. To fix this problem follow the procedures exposed below.

Under Windows®10 :

- a/ click on 'Start' (the icon at the bottom left of the screen) and go to 'System Windows',
- b/ right click on 'Command prompt' and choose 'Run as administrator'. A window must open with a line C:\Windows\System32>,
c/type : regsvr32 %Systemroot%\System32\comdlg32.ocx.

Under Windows ®7 :

- a/ click on 'Start', then 'All programs', then 'Accessories',
- b/ right click on 'Command prompt' and choose 'Run as administrator'. In the new window and after C:\Windows\System32>,
c/ type : regsvr32 %Systemroot%\System32\comdlg32.ocx

You may proceed by copying and paste the above command. If it is not possible, **Be Careful**, there is a space between 'regsvr32' and the end of the command !

The system should answer : "DllRegisterServer in C:\WINDOWS\System32\comdlg32.ocx succeeded".

You have to have administrator rights to follow the above procedures.

You may visit the following web site that also explains how to fix this problem with the comdlg32.ocx.

<https://windowsfish.com/fix-comdlg32-ocx-missing-error/>

This program is huge and complicated therefore, though it was carefully tested, it would be surprising that no flaws are involved in it. If you find some flaws in this program or if you have any suggestions that could improve it, do not hesitate to contact :

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