

## How to install DeOSt

To use DeOSt create a folder 'Deost' in C: [C:\Deost] and copy the following documents in it:

- DEOSTV2.EXE, the main software
- The folder 'DLL Windows' containing some Windows files : Comdlg32.ocx, Sysinfo.ocx, MSVBVM60.dll, VB6FR.dll
- Some examples that are gathered in a folder 'Examples\simulati\resultpc'.
- Multmat.DLL, Syslin.DLL
- An help file (Helpdeost.chm)

Note that a **.pdf** version of the help (Help DeOSt\_V2.pdf) is provided. This document contains a few more details than the Helpdeost.chm one.

The folder 'simulati' contains already some example files and can be dragged anywhere on the disk or you may create anywhere on the disk another folder 'simulati', and in this directory create at least another directory

resultpc	in which the data files <b>***.dat</b> are saved
	In which the photoconductivity files and some others will be saved.

The following directories may be created but if not the program will create them automatically if needed:

- resulpcm in which the modulated photocurrent results files will be saved,
- resulabs in which the absorption, CPM and DBP results files will be saved,
- resulpit in which the PITS files will be saved,
- resultsspg in which the SSPG and MGT files will be saved,
- resultopg in which the OPG results will be saved,
- resultTFT in which the TFT results will be saved.

Copy the examples **\*\*\*\*.dat** in the new \simulati\resultpc\ . The program may then use the data of this new 'simulati' folder to perform some new calculations.

In some languages the decimal symbol is a comma (,). DeOSt 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 do not 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 'Windows DLL' 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 'Windows DLL' files are already in these folders do not copy them.

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

Under Windows10 :

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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