



Automotive
Energy & Power Analysis
Aerospace & Defense
Transportation
General Test & Measurement

DEWESoft 7

How to change from DS6 to DS7



ISO9001

Re-inventing Data Acquisition



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1. Registration / Licensing

The registration process has changed as there is an **online registration required** now!

There are three types of registration:

1.1. Demo mode

1. Go to http://dewesoft.org/registration/evaluation_key and require your own 30-day evaluation key.
2. Enter the registration key.
3. Then select "register offline". In the demo mode you simply select "No A/D hardware" in the analog tab.

1.2. Online registration

1. Connect all your measurement hardware and choose all purchased devices, options and plugins in the hardware setup!
2. Enter the registration key.
3. If not already done, establish an internet connection
4. Click "register online"

1.3. Offline registration (measurement PC has no internet connection)

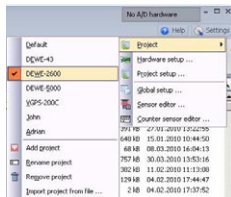
1. Connect all your measurement hardware and choose all purchased devices, options and plugins in the hardware setup!
2. Enter the registration key.
3. Click "register offline".
4. Copy the created license file (*.lic) from your measurement computer (...\\DEWESoft7\\System\\V7_0) e.g. on a USB-stick and go to a computer with internet connection.
5. Follow the instructions on <http://www.dewesoft.org/registration>



2. Projects

In version 7 you can create projects at the hardware setup screen level, where each project contains all of the settings for any hardware that you own. So now you can have an unlimited number of hardware setups, which you can freely name and edit.

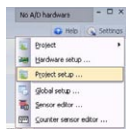
If you have to change the hardware, you can simply choose a different project from the SETTINGS menu, and a completely different hardware setup will be loaded.



Even when using the same hardware, projects allows using different folders for setup, data and exported files. So you can create projects for different operators and they can work without interfering.

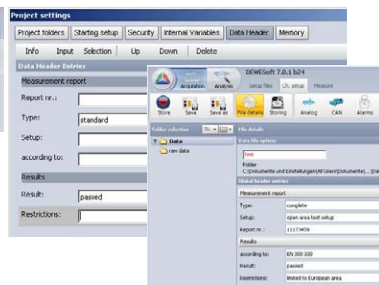
3. Data header

Setting up the data header is a little bit different now. For each project an own data header can be specified. The structure of the file header can be modified in the project setup.



In the project setup the input fields can be defined (e.g. "Setup").

In the channel setup in the "File details" you can then put your entries for each file stored (e.g. "open area test setup").



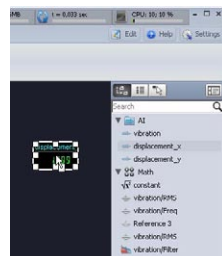
4. Channel selector

The channel list is now on the right side, you can sort channels by name, type and which are used in the active instrument.

In Design mode you can even click a channel and drag it onto the display, where it will appear in a graph of the kind that you have right-clicked from the design mode icon strip!

The search function helps in case of high channel count.

To maximize working area the channel list can be hidden also.



5. Custom displays

Another new feature often requested is the ability to create custom displays. Now we don't have any more our standard Overview – Scope – Recorder screen, but can customize that according to the needs of the specific.

In the properties panel there is a new function that allows you to edit the properties of the selected display, and to create new displays, and rearrange them. You can rename any display, and select a different icon for it. Of course you can still add sub-displays like you could under DEWESoft 6.

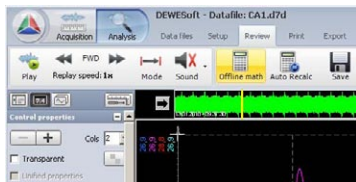


6. Offline math

When you open a datafile, you notice the additional button "Offline math" beneath the symbols.

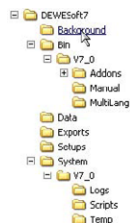
Just click on it and add filters, formulas, statistics... it's the same like during measurement.

The big advantage is that you take your measurement equipment, go to the testbed, set up the sensors, store data and can do all the analysis (filtering, order tracking, torsional vibration...) afterwards. This also saves CPU load during measurement.



7. The new file structure

DEWESoft 7 introduces a new file structure to make it easier finding the files and folders you need.



Background folder stores custom DEWESoft background images.

Bin folder stores the essential binary and executable files such as the DEWESoft.EXE and various DLL files.

Data folder is the standard folder for stored datafiles.

Exports folder is the standard folder for files that are exported out of DEWESoft.

Setups folder stores the setups created in DEWESoft 7.

System folder stores log files, export scripts, project files etc.

Do I need to uninstall DEWESoft 6 first?

No. It is no problem to have both DEWESoft 6 and 7 installed on your computer. The file structures do not interfere. But please don't run DS6 and 7 at the same time!

General Information

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