

## dhSave

This is an extremely simple macro that will perform a save of the current drawing as well as creating date/time-stamped copy of the saved file. The macro will only ever ask for user input if an error of some sort occurs.

### Installation Notes

Copy the dhSave.dcx file into your DataCAD Macros folder from the downloaded zip file. After installing the macro you can set up a shortcut or add a toolbar icon to invoke it in DataCAD, and then use that shortcut or icon whenever you want to save a file together with a timestamped copy.

In DataCAD Pro, you could update one of the shortcuts in the dcadwin.mcr file to invoke the macro. For example you could update the default Alt/Q shortcut to automatically save a timestamped copy as well as quitting the drawing. A suggested entry in your dcadwin.mcr file to achieve this would be:

```
Q^: ^; ^s9^dhSave$^É^: ^S9
// save a timestamped copy of the file and quit
```

In DataCAD Lite or Pro you could add a toolbar icon to invoke the macro. Suitable icons in various resolutions are provided in the zip file together with the actual macro file. You can add the icon to one of the 4 custom toolbars by adding the following lines to the appropriate .dtb file (these files are in DataCAD's Support Files/toolbars folder ... if you are adding a new toolbar then you will also need to specify the dtb file name in the KeyFile section of the dcadwin.ini file in your main DataCAD folder).

A suggested dtb file entry to invoke dhSave is shown below:

```
[dhSave]
Hint=Save file and copy with date/time stamp
Icon=dhSave24 (use the appropriate file name here (less the .png extension) for your icon resolution)
M=dhSave
```

Note that recent Pro versions of DataCAD have the ability to save "sessions". These sessions are only saved when you exit a drawing, so there may still be a use for this macro if you wish to save a copy of your file at a certain point without having to exit the drawing. In most cases you will wish to enable sessions in preference to using dhSave for the purpose of saving a copy at the same time as exiting (note: sessions are *not* enabled by default when you install DataCAD).

DataCAD Lite does not have "sessions".

### Configuration

There are a couple of configuration settings, and these are stored in a dhsoftware.ini file which is located in a dhsoftware folder in your DataCAD Support Files folder. This file will be created with default entries the first time you run the macro. You can use a text editor such as Windows Notepad to edit this file. The following are the settings that you can change:

- FileExtn  
This specifies the file extension that your version of DataCAD uses for drawing files. It will default to 'aec' when you first use the macro, but you can then change this if required (e.g. change it to 'dc5' if you are using a Windows version of DataCAD prior to version 11 (the macro is not compatible with the older DOS versions))
- DateFmt  
This specifies a pattern to define how the date is appended as the file extension for the copy of your drawing file. The default is 'yyyy-mm-d\_hh-nn' the first time the macro is used. You

can change this to any string, where the following characters will be replaced with components of the date/time as shown:

yyyy 4 digit year  
yy 2 digit year  
mmm 3 character month name (Jan, Feb, Mar etc.)  
mm 2 digit month (01=Jan, 02=Feb etc.)  
m month number without leading zeros (1=Jan, 2=Feb, 11=Nov etc.)  
dd 2 digit day number  
d day number without leading zeros  
hh 2 digit hour  
h hour without leading zeros  
nn 2 digit minute  
n minute without leading zeros  
ss 2 digit second  
s second without leading zeros

e.g. if you saved a file at 8:05:13 on 26 January 2003, the following DateFormatter templates would produce the file extensions shown:

|                 |                  |
|-----------------|------------------|
| yyyy-mm-d_hh-nn | 2003-01-26_08-05 |
| ddmmmyyyy_hhnn  | 26Jan2003_0805   |
| dmmmyy          | 26Jan03          |

y  
y  
m  
m  
d  
d  
-  
h  
h  
n  
n  
s  
s

0  
3  
0  
1  
2  
6  
-  
0  
8  
0  
5  
1