



APIS User Meeting 2015

Tips and tricks by the APIS support team



Safe handling of fme-files (1)

If the files are located on network drives (or external data carriers), disconnecting the network connection or removal of drives while the IQ Software is running usually causes the loss of data and should be avoided in any case.

Examples:

- Spontaneous removal of USB drive
- Removal of network plug (including loose contacts)
- Carrying notebook around, which is connected via WLAN (change of access point, corresponds to disconnection and connection of network cables)
- Removal of notebook from the docking station
- Closing the notebook (usually activates a power save mode, including the disconnection of the network connection)



Safe handling of fme-files (2)

Safe procedure:

First save the file in IQ and then close the software, especially if you work with a notebook and want to close it.

When you use network drives, do not activate the workstation setting “Reorganize document upon exit”.

If your files are located on a USB drive and you want to remove the drive, please proceed as follows:

Remove the USB drive only after you activated either

- The function “Safely remove hardware” or
- The function “Eject” by clicking the right mouse button on the drive.

A message is displayed, as soon as Windows has written all data on the drive.



Automatic local file copy

Especially in case of network problems, the workstation setting „Temporary copy of document on local hard drive when opening“ may be the last resource for an fme file believed to be lost.

The copies are saved in the “tmp” directory of the Windows user.

Workstation settings

< -> Personal Desktop

Workstation settings

- General
- Personal Desktop**
- Table editors
- Copy
- System optimization
 - Other
- HTML/XML export
 - XML export parameters
- E-mail

You can specify personal desktop settings.

- Auto-load data on start
 - Show open deadlines when "Auto-load data on start" is active
- Create a document on start
- Always use the Structure Editor on startup
- Check for modules up-to-date when opening a file (CARM Server)
- Create a temporary working copy of the opened file**
- Reorganize document on program exit



Optimization of large files

To reduce the file size, you can reorganize the fme file (menu: “File ⇒ Reorganize document”). If you are logged on as the supervisor, additional options are provided.

There are other effective measures available as well :

- Delete unnecessary session protocols (menu: “Tools ⇒ Forms/Reports ⇒ Session protocols”).
- Remove unnecessary entries from the Personal Information Manager (PIM).
- For multi-language documents, languages are possibly installed, which are not required in reality. To delete an unused language, you need to first activate it and then delete it via the menu “Tools ⇒ Delete content language”.
- In some cases, unnecessarily large graphic files are integrated in the fme file, which form a considerable share in the total file size. They can only be deleted and a smaller version of the respective graphic file integrated.



Blocked translations

The administration editor “Terminology and translation” contains different block icons in the column “L”.



Reversible block



Irreversible block

The irreversible block is set whenever the logged-on user has no rights to change the respective term.

Possible reasons:

- This is a term used in several structures, the logged-on user, however, has no write access to at least one of these structures.
- This is a reused term in an interface file.
- In an exported structure (*.exp), this is the designation of a net element from a cross-structure connection.

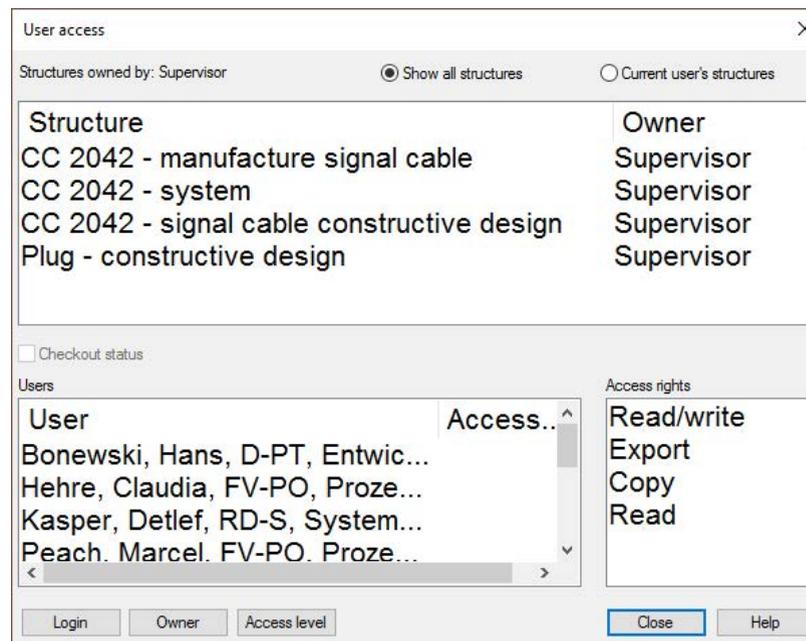


Access rights to structures

In the IQ Software, user-related access rights can be assigned for structures. In this connection, observe the specific user roles:

- **Administrator:** The administrator of a structure defines the access right of all other users. The creator of a structure is usually also the administrator.
- **Supervisor:** Only the supervisor is authorized to change the administrator in all structures.

Call the dialog for operations in connection with access rights via the menu “Tools ⇒ Access rights”:





Use of valuation catalogs

We are often asked for the settings of a specific valuation catalog. In the IQ Software, valuation catalogs are assigned to specific structure type. The assignment is made in the administration dialog of the valuation catalogs (menu: “Administration ⇒ Valuation catalogs”).

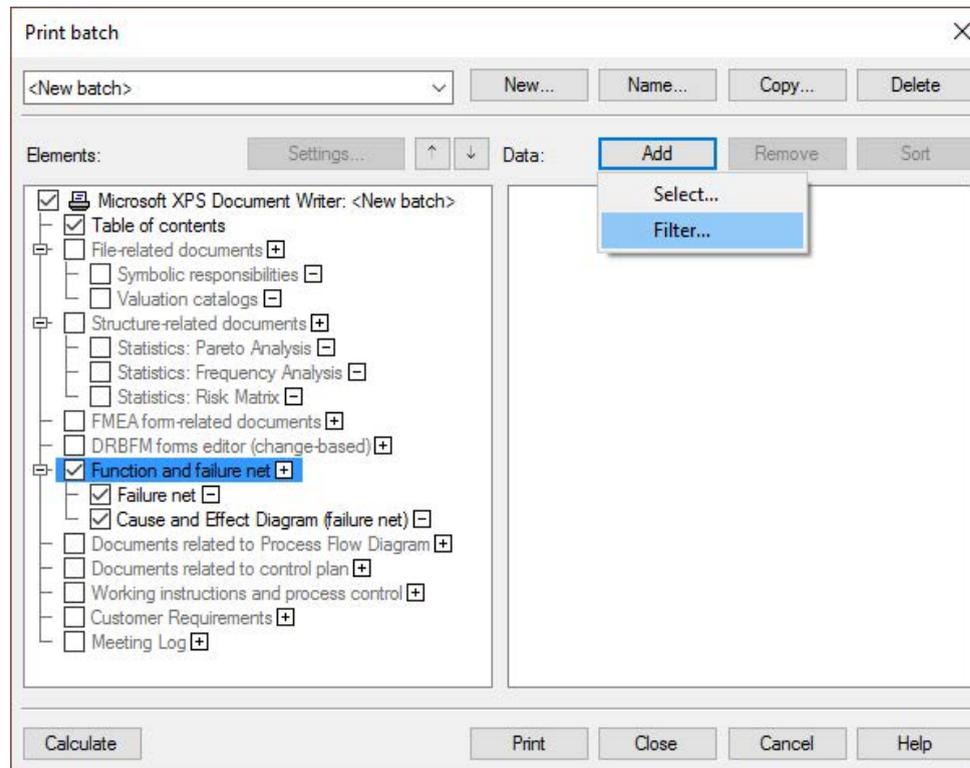
Valuation catalogs:

Catalog	!	#	Name	Description
Valuation catalogs				
C:\Users\daadam10\Desktop\0130 & 0120\0130-R\data\IT\EXAMPLE.fme				
Catalog	!	#	Name	Description
+			Catalog: AIAG 4th Edition (June 2008) - Design FMEA (34 items)	
+			Catalog: AIAG 4th Edition (June 2008) - Process FMEA (34 items)	
+			Catalog: AIAG 4th Edition (June 2008) - Product FMEA (34 items)	
+			Catalog: Design (34 items)	
+			Catalog: Process (34 items)	
+			Catalog: QS-9000 3rd edition (April 2001) - Design-FMEA (34 items)	
+			Catalog: QS-9000 3rd edition (April 2001) - Process-FMEA (34 items)	
+			Catalog: Standard (34 items)	
+			Catalog: VDA (34 items)	
+			Catalog: VDA 2. Edition (March 2007) - Process-FMEA [Is default catalog for: Process] (34 items)	
+			Catalog: VDA 2. Edition (March 2007) - Product-FMEA [Is default catalog for: Design] (34 items)	



Net selection via filters in Presentation Print/Web Publisher

An elegant option to select failure nets (or function nets) for the presentation print and the web publisher is the selection via filters:





IQ Software in Windows 10

The current version (6.5 – 0090) of the IQ Software is in general executable in Windows 10. So far, we didn't find any problems in the Windows 10 test runs.

EXAMPLE.fme | IQ-RM PRO - APIS IT GmbH [10000-50] - Personal Desktop

File Edit View Administration Editors CARM Server Consolidation Tools Window Help

New: [Icons]

> CC 2042 - signal cable c <No variants available> <No Filter>

Structure Editor: CC 2042 - signal cable constructive design [Design]

2 Cruise Control SC 2042 {1}

- 2.a control propulsion according to specification {2}
 - S=9 2.a.1 drive control is out of specification {2}
 - S=7 2.a.2 drive cannot be controlled {2}
 - 2.a.3 loss of function during life-time {2}
 - 2.a.4 cruise control in failure mode {2}
- 2.b enable emergency shutoff in critical situations {2}
- 2.c signal state of operation {2}
 - S=9 2.c.1 does not comply with requirements regar
- 2.d meet legal requirements {2}
- 2.e comply with customers assembly requirements
 - S=5 2.e.1 does not comply with customer requirem

C:\Users\daadam10\Desktop\0130 & 0120\0130-R\Data\I\EXAMPLE.fme Supervisor \$\$: Read/write 100% English