



APIS User Meeting 2017

Tips & Tricks from APIS Support





FMEA Form – Folding operations

FMEA Forms Editor QS-9000 (3rd edition): Assembly cable to plug (CC 2042 - manufacture signal cable [Process])											
Function	Potential failure	Potential effect(s) of failure	S	С	Potential cause(s) of failure	0	Current preventive action	Current detection action	D	RPN	Recommended action
							FME	Α		-	
	Process										
Item: CC 2042 - manufacture	Process responsibility:									Prepared by:	
Model year(s)/vehicle(s): As				Completion date:						Created:	
Team:											
Function	Potential failure	Potential effect(s) of failure	S	С	Potential cause(s) of failure	0	Current preventive action	Current detection action	D	RPN	Recommended action
Process element: Prepare workplace											
				<u>/////</u>							
Process element: Insert plug into soldering appliance											
Process element: ☑ Solder cable strands on plug pins (manually)											
Process element: Solder shielding on plug housing (one sided; manually)											
Process element: Put cable into strain-relief											
Process element: Test cable using cable test appliance											
				////							
Process element: Attach proof-of-testing label to cable and put cable into transport bin											
Process element: Correcti	ve soldering of faulty parts	5									
		X/////////////////////////////////////		////							





FMEA Form – Folding operations

- □ Reason for using: Better overview and easier to edit the form sheet
 □ Easy to recognize with green diagonal stripes
 □ Folding/unfolding of complete levels (e.g. functions/characteristics) is possible
 □ To activate go to the menu bar "View | Folding operations"
 □ Recommended when working with large forms: Fold either the level "system
- ☐ The fold/unfold state is saved when the .fme is saved

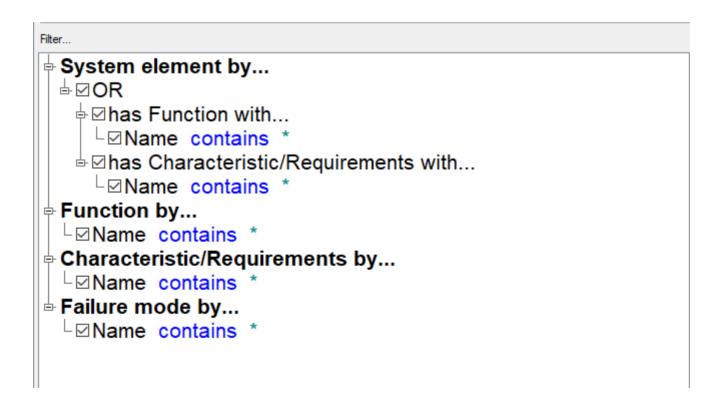
element" or "function/characteristic"





FMEA Form – folding levels with filter

Example of filtering down to level "function/characteristic":







FMEA Form – combining folding operations/filter

☐ Set level filter as default:



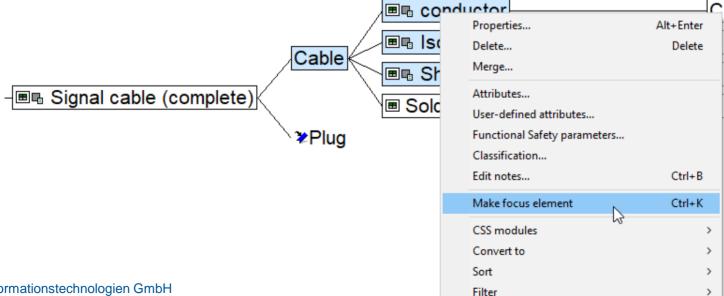
- ☐ Activate filter to desired level
- ☐ Deactivate filter simply using F6
- ☐ Unfold only the area you want to work with





"Make focus element" in Structure Editor

- New feature since Version 6.5 0140
- Works the same way as in the Net Editors
- ☐ Possible to select multiple elements
- ☐ Can be invoked using the context menu & keyboard shortcut "Ctrl + K"

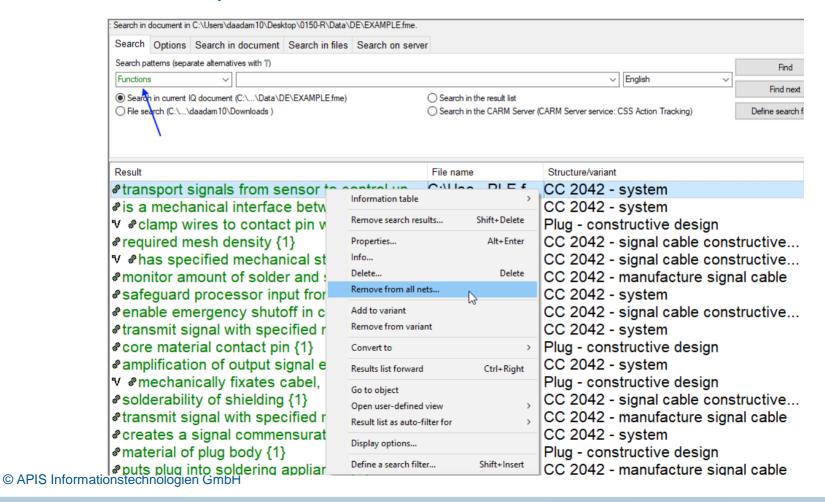






Removing elements from Function Net

Feature in IQ Explorer: "Remove from all nets..."







Summary Functions: Status report of actions

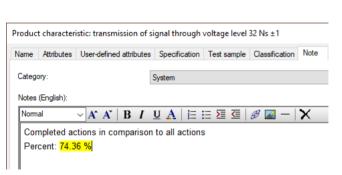
Example: Ratio of completed actions in comparison to all* actions (* = all actions that haven't been rejected)

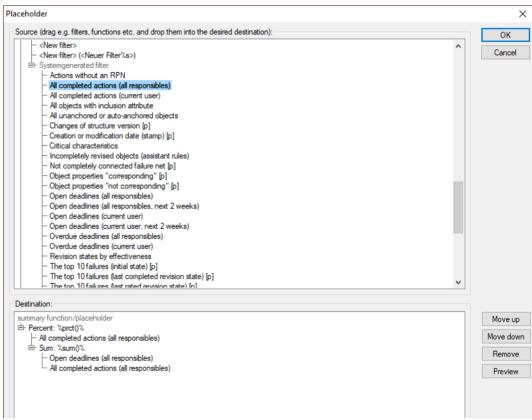
- ☐ Invoke this functionality using the context menu: "Templates | Placeholder..."
- ☐ This can be done from Note (Ctrl + B | context menu → Edit notes...)
- ☐ Or from Personal Information Manager PIM
- ☐ More information can be found at https://www.apis-iq.com/sl/iqr





Summary Functions: Status report of actions





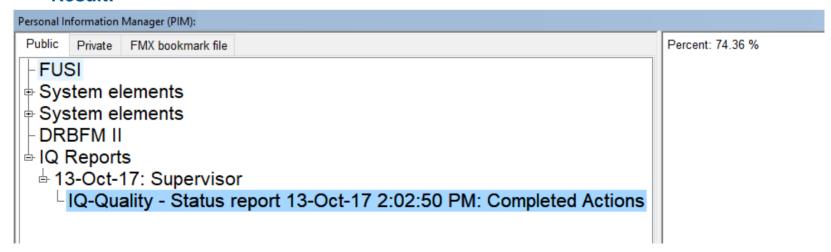




Summary Functions: Progress template

- ☐ Reason for using: To protocol a status report for a target/set date
- ☐ Requirements: Report is already saved as a template
- ☐ This feature can be utilized from the context menu in the PIM (left side)
- ☐ "New | Add report | Individual Quality Report (IQR) from template (cfg)"

Result:







FMEA Files in a network

If the network connection is unstable or even breaks when working on an FMEA, this can lead to the file being corrupted.

To prevent this:

- ☐ Work on a local copy (can be cumbersome, but is safer)
- Workstation setting: "Create a temporary working copy of the opened file"

