XXVI User Conference 2020

APIS Informationstechnologien GmbH

Tips and tricks by the APIS Support team

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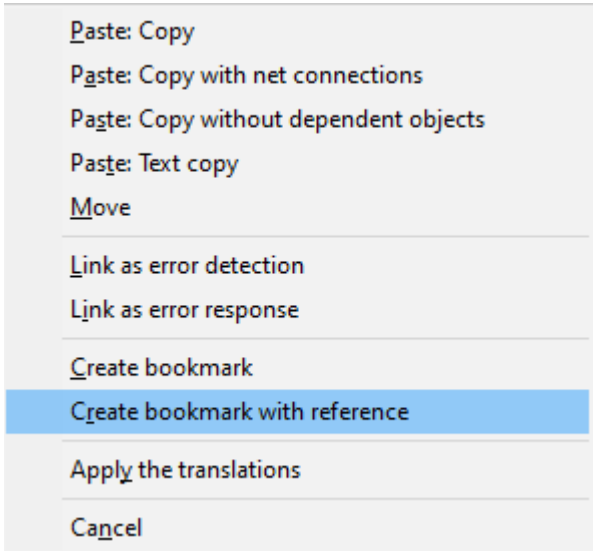
Bookmark with reference

Bookmarks with reference are object bookmarks in 2 directions
They are created by drag and drop with right mouse key and CTRL key pressed



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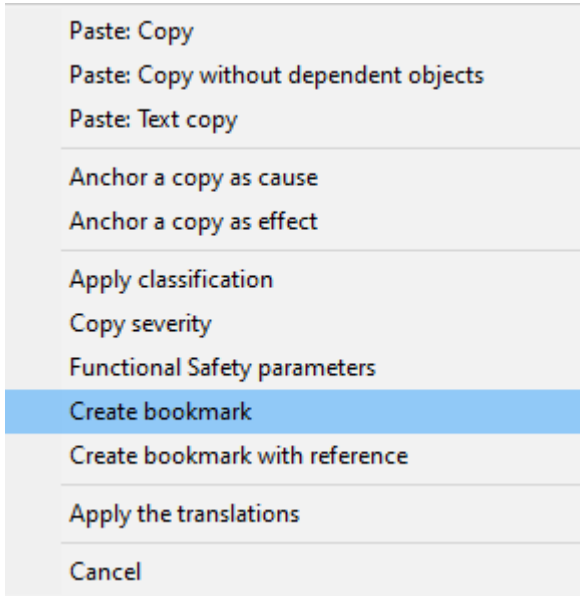
External Bookmarks

The target of an Object bookmark can be an object in another file
Configuration: 2 workspaces with 2 files
Creation by drag and drop similar to tip 1



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How to delete notes

A note at one object can exist in many ways:

- For each language
- For each variant
- For each notes category

Tip:

Use the **Object Inspector** for deleting notes

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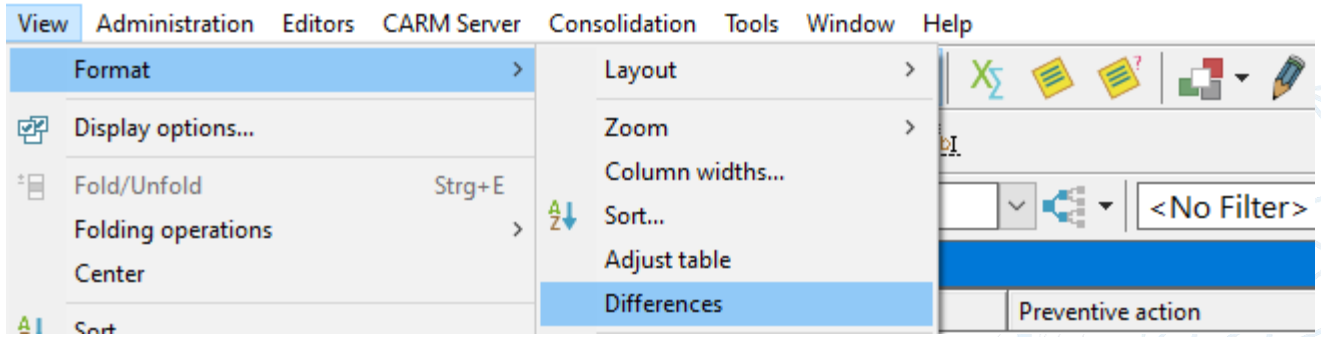
Show differences in FMEA forms

For maintenance customers only the well-known comparison mode of structures in the FFA editor now is also available in the FMEA forms editor
(Restriction: No comparison of variants)

- Required configuration: 2 workspaces
- Call menue item: „View | Format | Differences“



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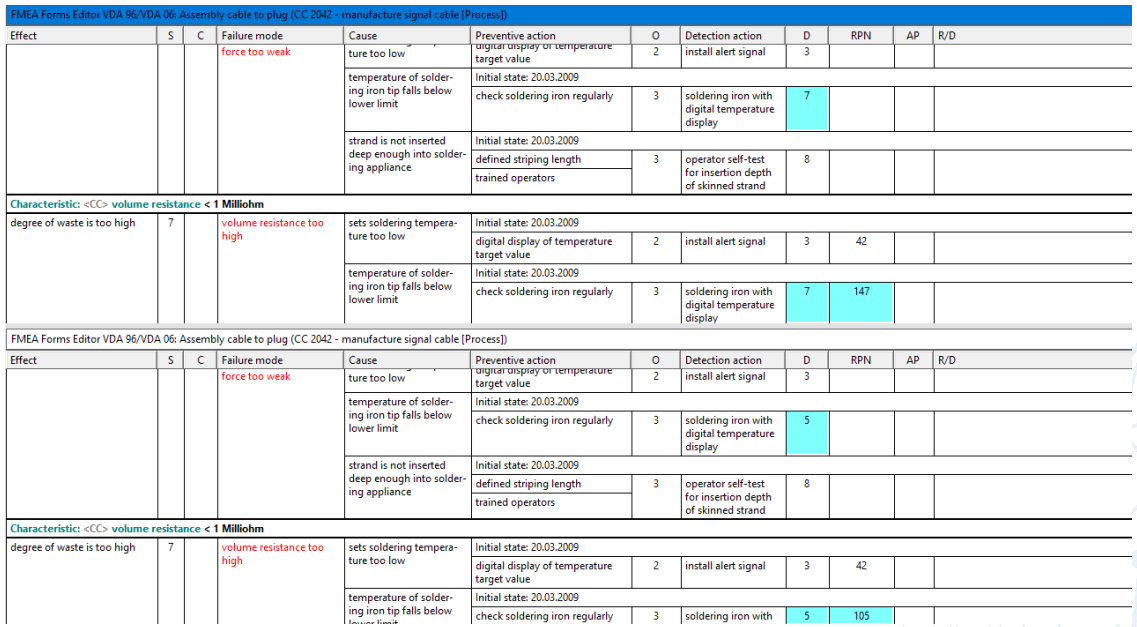
Synchronized scrolling for „show differences“

Synchronized scrolling of both workspaces helps to compare large documents

This can be done by pressing the CTRL - key while moving the scroll bar



FMEA Forms Editor VDA 96/VDA 06: Assembly cable to plug (CC 2042 - manufacture signal cable [Process])

Effect	S	C	Failure mode	Cause	Preventive action	O	Detection action	D	RPN	AP	R/D
			force too weak	ture too low	digital display of temperature target value	2	install alert signal	3			
				temperature of soldering iron tip falls below lower limit	Initial state: 20.03.2009						
					check soldering iron regularly	3	soldering iron with digital temperature display	7			
				strand is not inserted deep enough into soldering appliance	Initial state: 20.03.2009						
					defined striping length	3	operator self-test for insertion depth of skinned strand	8			
					trained operators						
Characteristic: <CC> volume resistance < 1 Milliohm											
degree of waste is too high	7		volume resistance too high	sets soldering temperature too low	Initial state: 20.03.2009						
					digital display of temperature target value	2	install alert signal	3	42		
				temperature of soldering iron tip falls below lower limit	Initial state: 20.03.2009						
					check soldering iron regularly	3	soldering iron with digital temperature display	7	147		

FMEA Forms Editor VDA 96/VDA 06: Assembly cable to plug (CC 2042 - manufacture signal cable [Process])

Effect	S	C	Failure mode	Cause	Preventive action	O	Detection action	D	RPN	AP	R/D
			force too weak	ture too low	digital display of temperature target value	2	install alert signal	3			
				temperature of soldering iron tip falls below lower limit	Initial state: 20.03.2009						
					check soldering iron regularly	3	soldering iron with digital temperature display	5			
				strand is not inserted deep enough into soldering appliance	Initial state: 20.03.2009						
					defined striping length	3	operator self-test for insertion depth of skinned strand	8			
					trained operators						
Characteristic: <CC> volume resistance < 1 Milliohm											
degree of waste is too high	7		volume resistance too high	sets soldering temperature too low	Initial state: 20.03.2009						
					digital display of temperature target value	2	install alert signal	3	42		
				temperature of soldering iron tip falls below	Initial state: 20.03.2009						
					check soldering iron regularly	3	soldering iron with	5	105		

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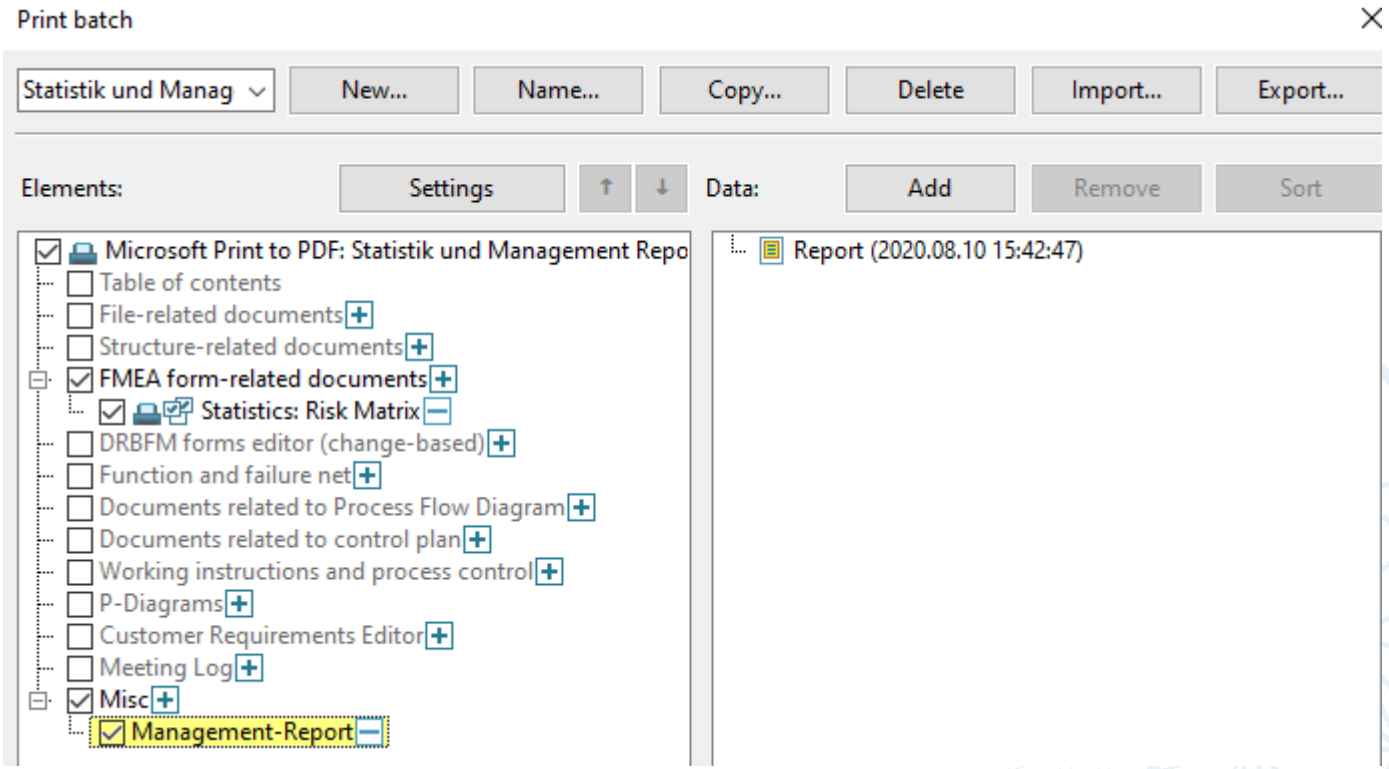
Presentation Print including Management Report

For a common presentation of data or forms together with results from the management report, the report can be included in the presentation print:



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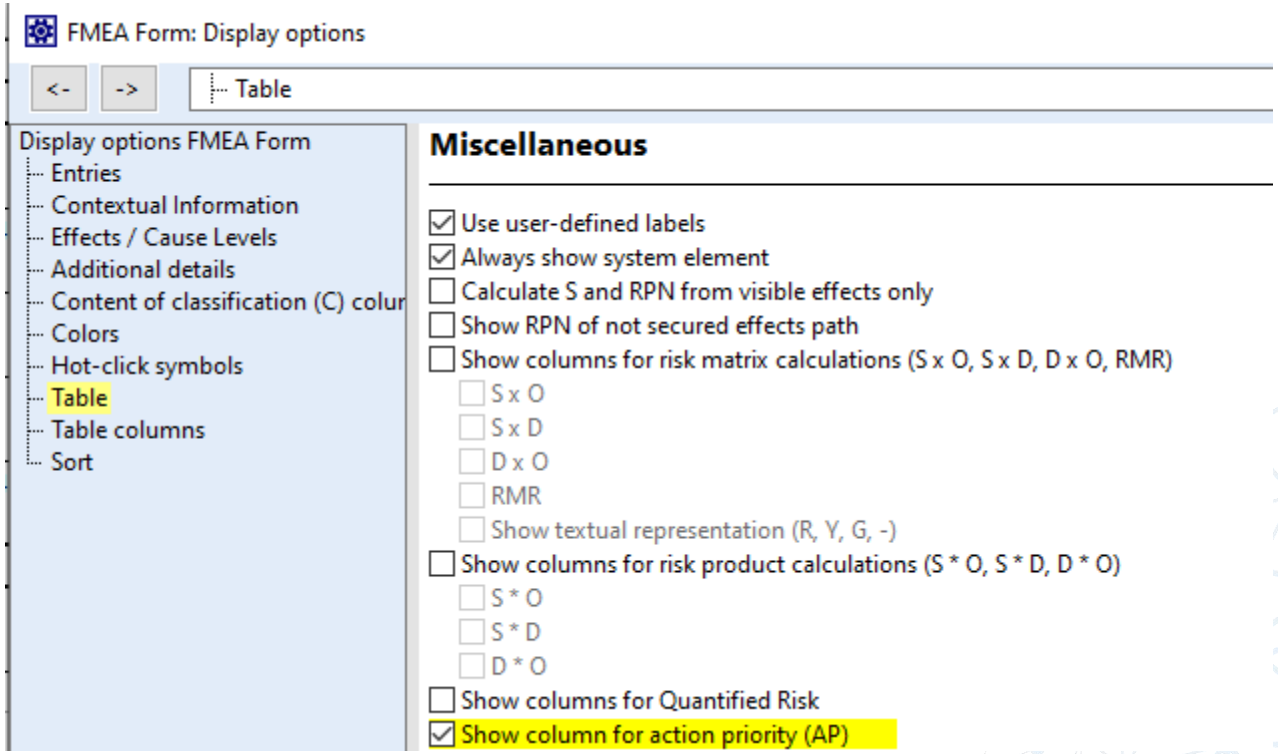
AP column in ‚classic' FMEA forms

Even the „classic" form layouts (e.g. VDA96) can show the action priority within a dedicated AP column

Menue: „View | Display options | Table .."



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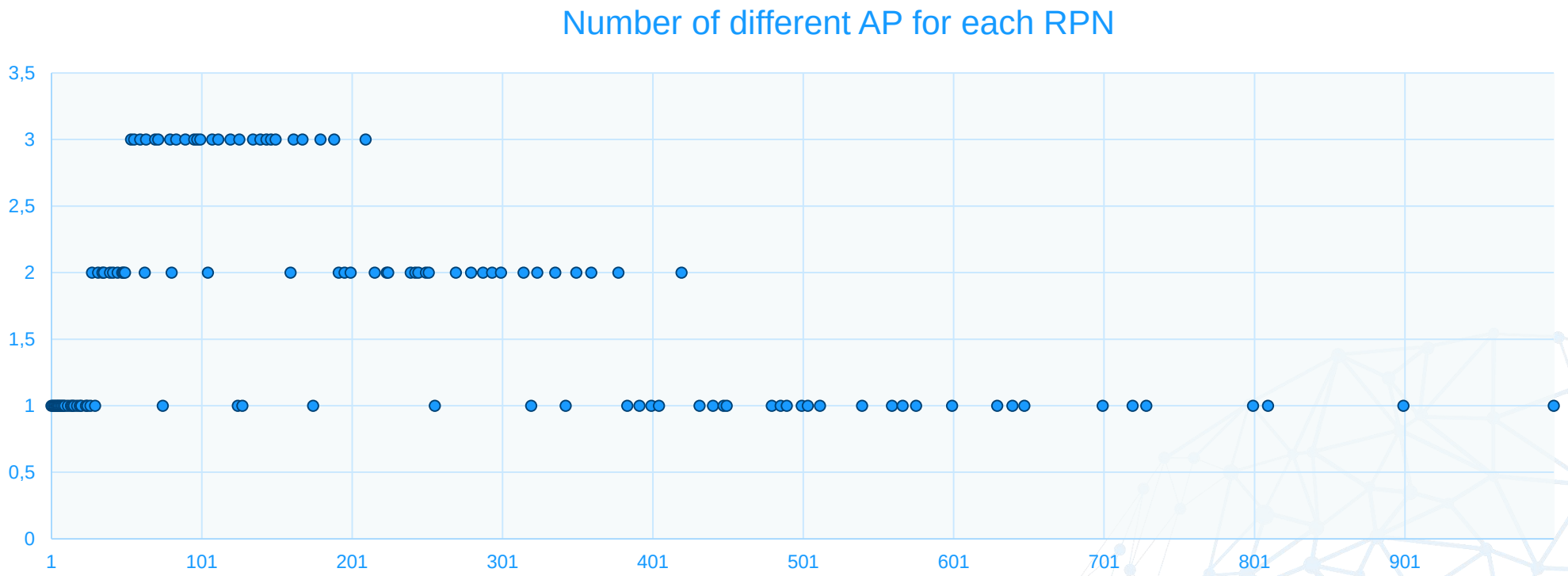
AP vs. RPN



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AP vs. RPN

Intervals with **unambiguous** assignment RPN → AP:

1 ≤ RPN ≤ 27 and **432 ≤ RPN ≤ 1000**

Interval with multiple assignment:

28 ≤ RPN ≤ 420

For causes f1 and f2 with RPNs in this interval we observe:

RPN(f1) ≤ RPN(f2) ≠> AP(f1) ≤ AP(f2)

Sorting by RPN and AP leads to different results!

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You have got problems?

We can solve them!

support@apis.de

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