APIS IQ-Software, What's new in Version 6

- Summary -

The selection of topics in this document has been taken from more than 50 different areas where changes have been made. A more detailed PDF document is available at **www.apis.de/en/wn6** – you will be surprised !
Note that Unicode and other functions are not available in every extension level; you can access further information as well as details about training and FMEA moderation given by APIS employees on our website **www.apis.de**.

Your APIS-Team

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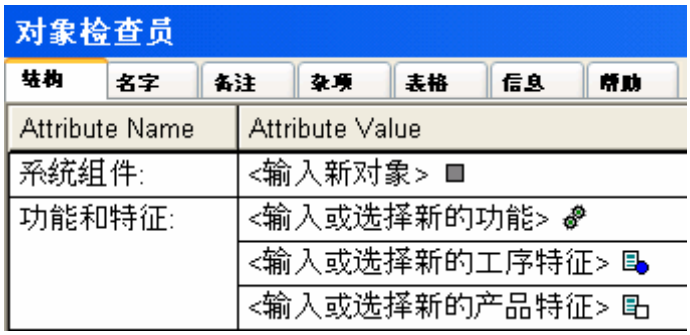
Unicode support



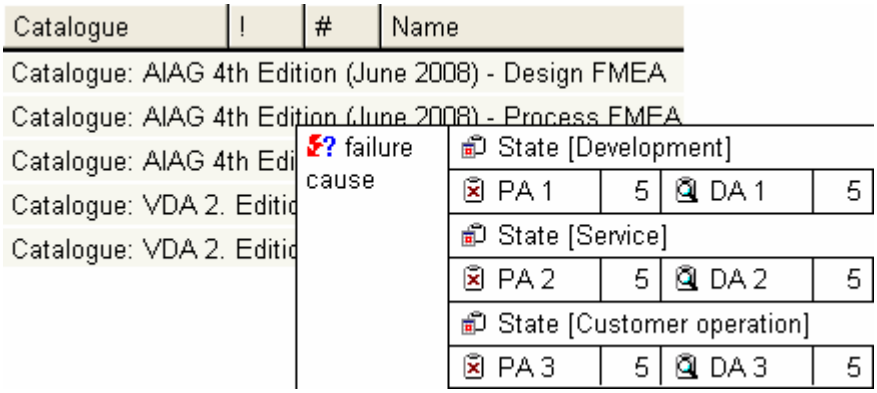
When using IQ software in China, Japan and Korea (= CJK), as well as some other countries, it used to be the case that only ANSI support was available. This affected installation on Windows computers as well as the user-friendliness and contents of FME files.

Version 6 has complete support for Unicode and also offers Chinese as a user interface language. This puts an end to all the idiosyncrasies that were, until now, part and parcel of using the software in Asia.

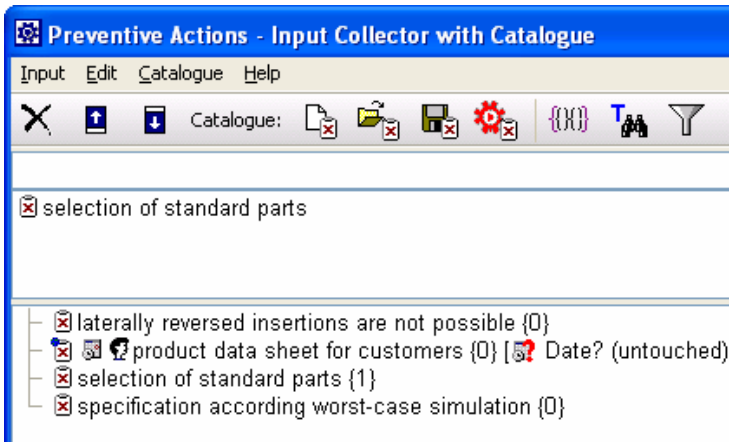
AIAG and VDA

AIAG FMEA (4th edition) and VDA FMEA (2nd edition) are supported by new evaluation sheets, forms, extra statistics evaluation and action categories, amongst other new features.

In order to comply with AIAG and VDA requirements, you will need to update to Version 6.



Global action



Current actions with identical name, responsibility and deadline can from now on be defined together as a global action.

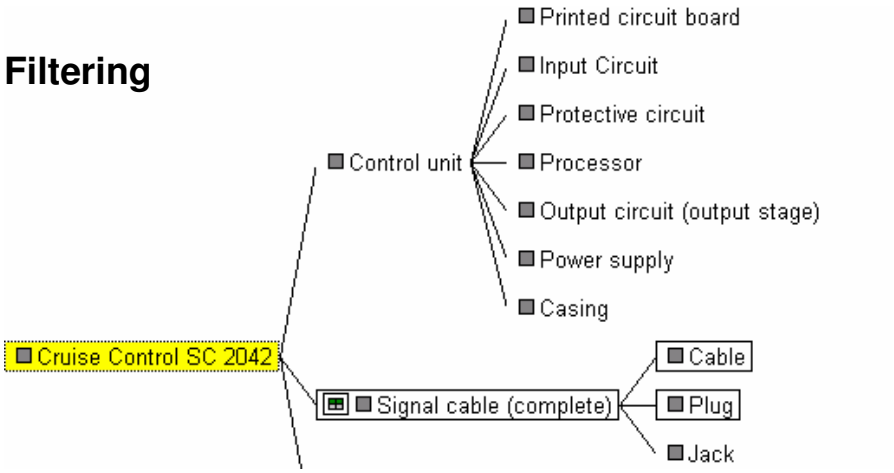
This means that changes to responsibility, status and deadline in Version 6 are automatically replicated at all points connected to the global action affected.

Icons:

 global preventive action

 global detection action

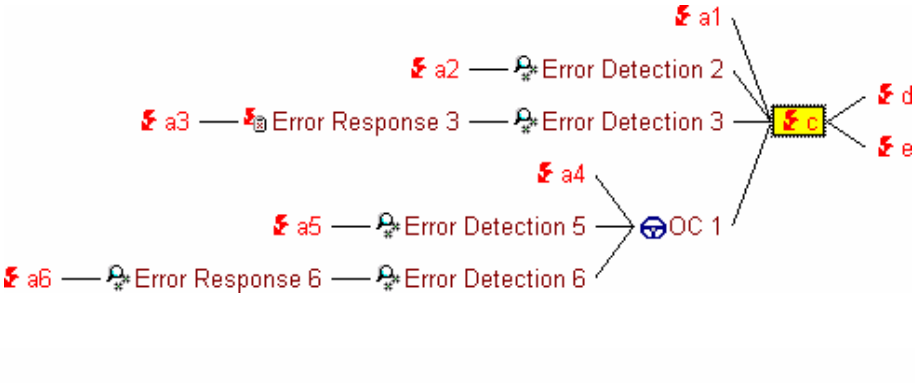
Filtering



Filtering has proved to be a useful and reliable function in tables, e.g. in the FMEA form, and filtering is also used when searching FME files. Accordingly, the filtering concept in Version 6 has been extended to cover structures, lists and networks.

Users will sooner or later be unable to do without filtering in almost every editing field in the program, as it offers a substantial increase in flexibility and improved efficiency.

Mechatronics FMEA



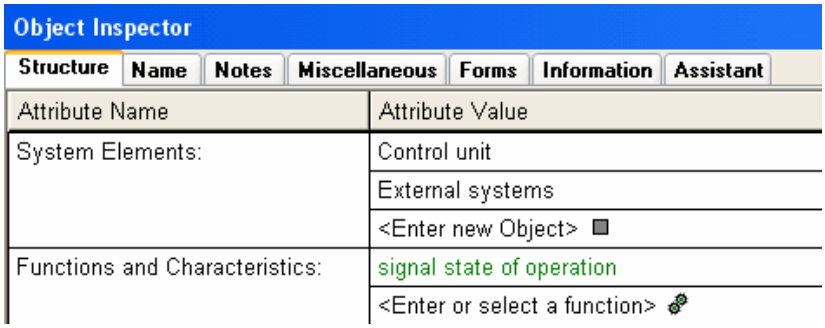
Analysing modern systems with built in error-detection and error-response devices requires approaches that go above and beyond a focus on pure causality.

Observing all the various operating conditions (OC) in mechatronics systems is a demanding task that is not adequately supported by traditional FMEA.

APIS IQ-Software Version 6, however, offers functions that will help you to overcome the challenges of mechatronics systems engineering.

Object Inspector

The Object Inspector is an editing field in which all items and their various attributes can be changed – including the values of all variants. In addition, all items that are connected or dependent can be displayed on screen and then added to.



The Object Inspector has been thoroughly revised in Version 6 and offers simple and direct data input with an easy-to-filter selection and listing function. The concept of data-recycling is supported by increased ease of access to existing information, which also makes it easier to avoid information redundancy.