

Notes:

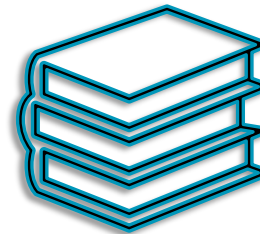


Catalogue Management

Notes:

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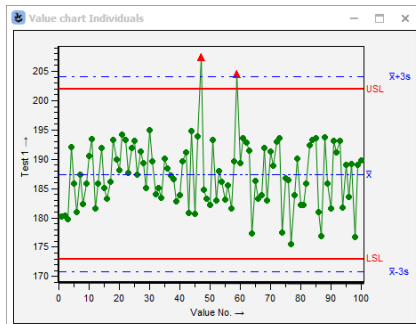


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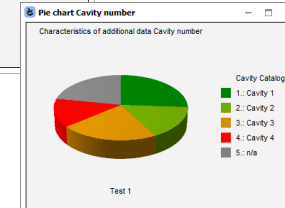
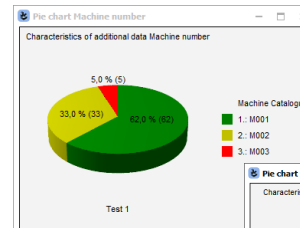
Motivation

- Catalogues are used in Q-DAS products to speed up data entry, record creation and evaluations
 - Instead of "Tool 12345 rear right", a number "3" is entered in the data set.
- Catalogues serve to protect the user from mistyping
- Catalogues serve to standardise
- Catalogues should be created and managed centrally
- Catalogues are necessary in order to enable certain evaluations

AdditionalData_Cavity_Machine_TwoParts.dfq



Information values	
Value No.	51
measured value	193.239
Date/Time	13.12.2019 13:20:57
Event :	
Batch number	
Cavity number	Tool 3
Operator name	
Text	
Machine number	Machine 1
Order	



Notes:

Types of catalogues

- There are catalogues that can be integrated into the characteristics or parts mask, for example (mask designer).
- There are catalogues that are used for special "situations". (e.g. events catalogue / measures catalogue / process parameters catalogue).
- There are catalogues that are used for simple "additional data" (e.g. machine Catalogue)
- There are catalogues that cannot be influenced by users (e.g. characteristic type).

Notes:

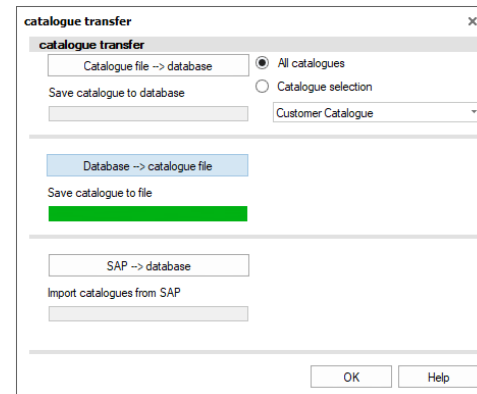
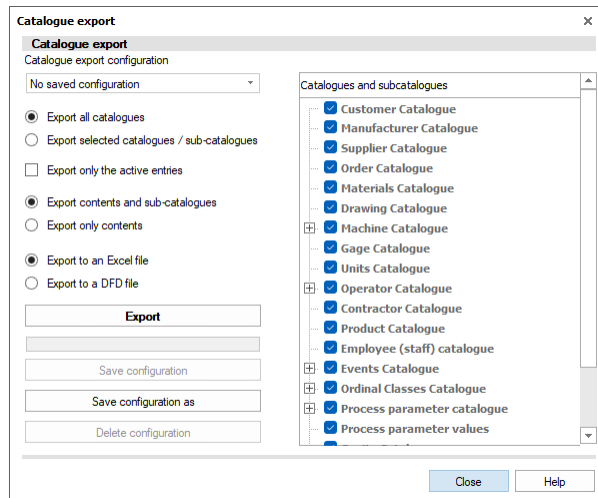
Questions to be clarified before making the catalogue

- Checklist:
 - Who will use the catalogue?
 - Where should the catalogue come from (file/database)?
 - Who is responsible for managing the catalogue?
 - Will there be only one catalogue or several?
 - If there are several: is it guaranteed that the correct catalogue is always used for evaluations?
 - Is the language used in the catalogue generally understandable for users?
 - Who is entitled to have entries made in the catalogue?
 - Does the catalogue have to be kept the same in several languages?
 - As the catalogue link is stored in the configuration database: Is it guaranteed that all users use the same catalogue?
 - Does the catalogue have too many entries? Can it be streamlined?
 - Are sub-catalogues necessary? (at least from >20 entries)

Notes:

Preparation

- Tip: before working with the catalogue, a backup of the existing catalogue should be made first.
- This can be done via the menu item | File | Configurations | System settings | Catalogue transfer from the database to a file, or from a file to the database.
- The catalogues can also be exported in order to adapt them externally, e.g. in Excel (import via the clipboard afterwards).



Set catalogue

- To select or edit the catalogue click on the menu /Configurations/System settings/Catalogues
- Standard is the catalogue from the database
- If you have DFQ files, the catalogue data may already have been saved in the data set. In that case you can select "Catalogue data from data set"

Notes:

Catalogues configuration

Catalogue source

☐ no catalogues

☒ Catalogue data from database

☐ Catalogue data from file

Catalogue file: Catalog.DFD

Select file

☐ Catalogue data from data set

☐ Replace operator and employee catalogue by user list

Filter group

-no filter-

Edit catalogues

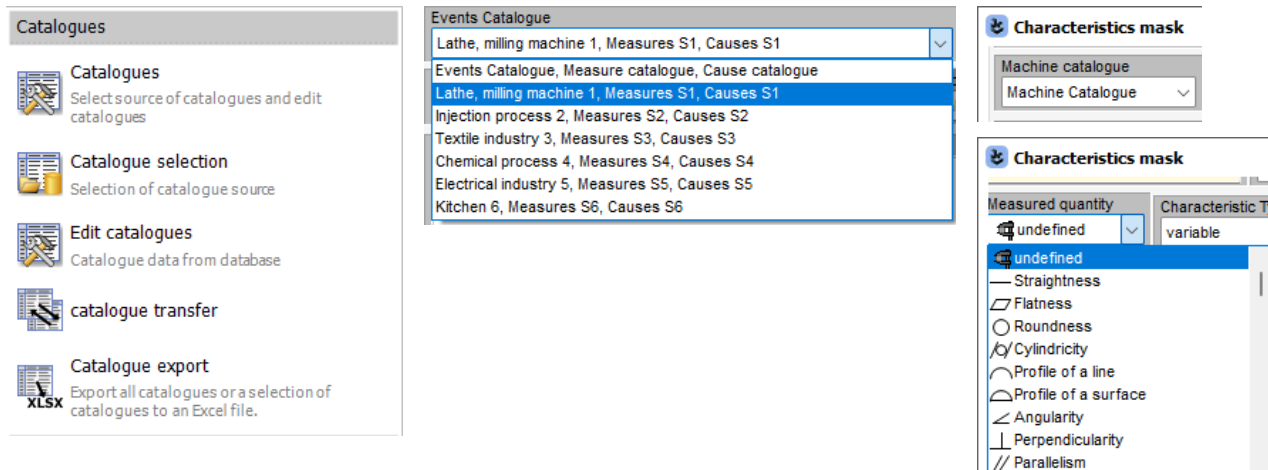
Edit

OK Cancel Help

Notes:

Catalogue setting in the characteristics mask

- Event, process parameter and other catalogues can be selected in the characteristics mask
- The configuration of the catalogues is done in | File | Configurations| Catalogues ->.
- The events shown in the data entry are limited to those contained in the respective catalogue or sub-catalogue
- The catalogue for the measurement quantities can only be reduced by the administrator. It can only be supplemented by Q-DAS



Edit catalogues

- To change catalogues, select the "edit" icon in the catalogue selection dialogue box.
- To begin with, you can delete the sample entries from Q-DAS
- If the catalogue has already been used, nothing should be deleted, as the traceability of the data is then only possible to a limited extent.
 - Example: Lathe 88 is deleted. The data set only contains the number 77, which was the machine's consecutive number. During an evaluation, only [77] is still in the data set
- This happens also if the CMM only sends a number and qs-STAT or CMM Reporting do not know how to translate the consecutive number to a machine or cavity name

Notes:

Values mask

Characteristic	Number	Description	Up.Spec.Lim.
1		Test 1	201,900

	Test 1	Machine number
1	180,285	Machine 3
2	180,347	Machine 6
3	179,717	Machine 1
4	192,149	Machine 1
5	185,893	Machine 2
6	180,989	Machine 2
7	187,340	Machine 3
8	182,319	[88]

Edit catalogues

Catalogue data from database

Edit catalogues

Catalogue data from database

All catalogues Machine Catalogue Ordinal Classes Catalogue

All catalogues

Catalogues may be added to the favourites list by ticking.

☒ Machine Catalogue

☐ Hall 1

☐ Hall 2

☐ Manufacturer Catalogue

☐ Materials Catalogue

☐ Measure catalogue

☐ Operator Catalogue

☐ Order Catalogue

☒ Ordinal Classes Catalogue

☐ Ordinal Classes Catalogue SAP

☒ Always show tree view

Catalogue

Machine Catalogue

cons. no.	Number	Description	Se
1	M001	Machine 1	
2		Machine 2	
3			
4			
5			
6			
7			

Sub-catalogues

Hall 1 Hall 2

cons. no.	Number	Description
5	M006	Machine 6
7	M007	Machine 7
8	M008	Machine 8
9	M009	Machine 9
10	M010	Machine 10

Copy table
Copy Strg+C
Paste Strg+V
Delete field content Entf
Delete line Umschalt+Entf
New entry Einfg
Transfer to sub-catalogue
Search

Backup copy OK Cancel Help

Notes:

Create subcatalogues

- After selecting the catalogue, click on the "+" on the right-hand side and give the sub-catalogue an appropriate name
- New entries are then taken over from the main catalogue by "drag & drop".

Sub-catalogues

Hall 1 Hall 2

cons. no.	Number	Description
1	M001	Machine 1
2	M002	Machine 2
3	M003	Machine 3
4	M004	Machine 4
5	M005	Machine 5

Sub-catalogue description

Sub-catalogue 3

OK Cancel

Edit catalogues

Catalogue data from database

All catalogues Machine Catalogue Ordinal Classes Catalogue

All catalogues Catalogue Sub-catalogues

Catalogues may be added to the favourites list by ticking.

Cause catalogue

Cavity Catalogue

Contractor Catalogue

Customer Catalogue

Drawing Catalogue

Employee (staff) catalogue

Events Catalogue

Gage Catalogue

K0061

K0062

K0063

cons. no.

Number

Description

1

M001

Machine 1

2

M002

Machine 2

3

M003

Machine 3

4

M004

Machine 4

5

M005

Machine 5

6

M006

Machine 6

7

M007

Machine 7

8

M008

Machine 8

cons. no.

Number

Description

Se

7

M006

Machine 6

8

M007

Machine 7

9

M009

Machine 9

10

M010

Maschine 10

Always show tree view

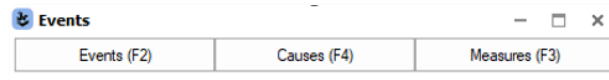
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Notes:

Measures / Causes Sub-catalogues

- Measures and cause catalogues must be generated analogously to the event sub-catalogues.
- The selected events catalogue also decides on the measures and causes catalogue.
- If no sub-catalogue 3 exists for event, measure and cause, the respective main catalogue is displayed.



Events	Measures	Causes
Event 1 subcatalogue	Measure 1	Cause 1
Event 2 subcatalogue	Measure 2	Main catalogue Cause
Subcatalogue Event 3	Main catalogue Measure	Main catalogue Cause