Step by Step
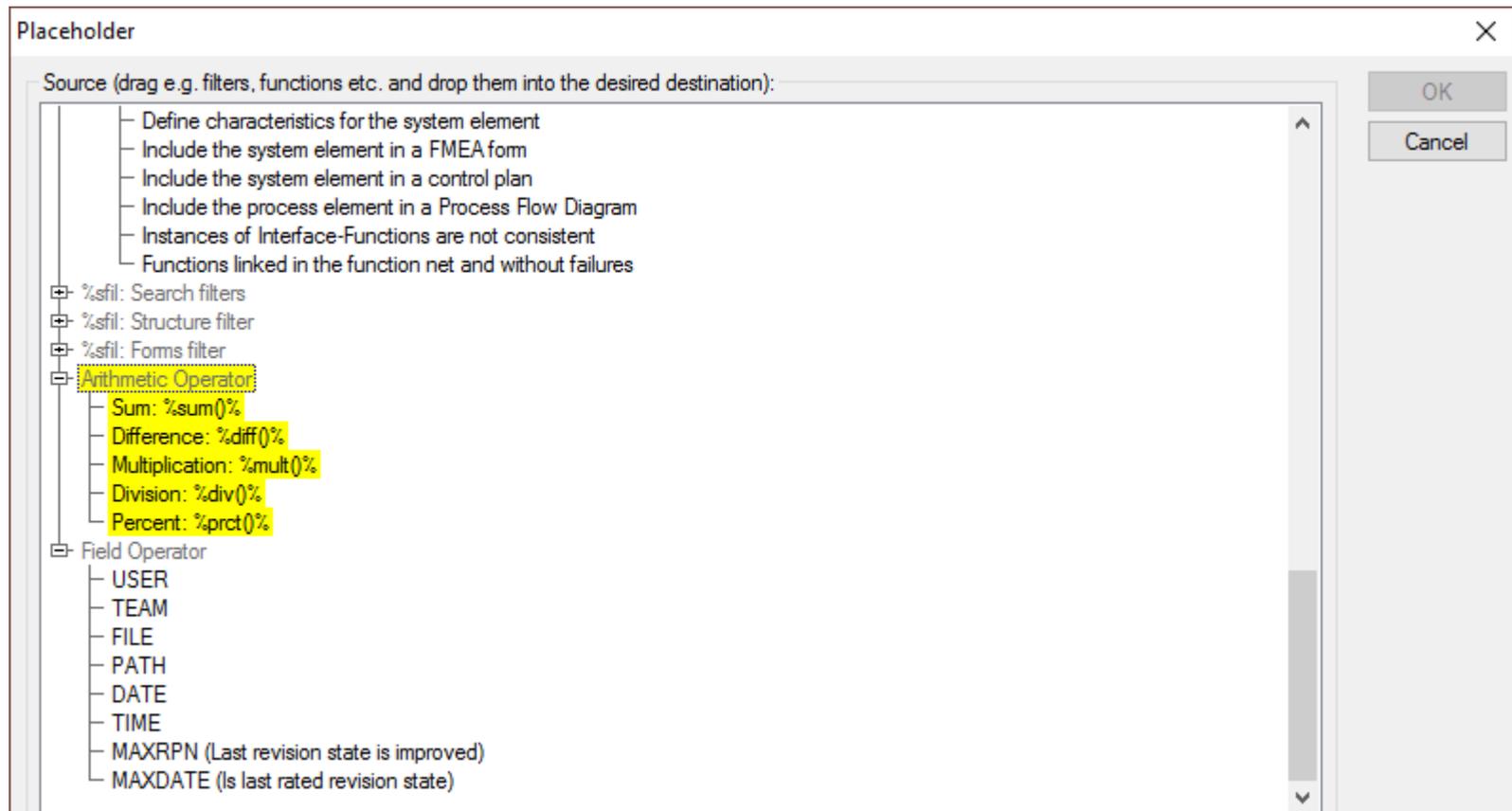
Use arithmetical functions as Placeholders in Notes (V 6.5 - SP 0140)

Arithmetical functions are a handy new tool to view and compare information on your fme file and IQ objects. These are used in conjunction with Individual Quality Reports & Summary Functions in the "Note" of the IQ object. Below is an example of how to use this functionality, currently available to maintenance customers only.

Example: Percentage of completed actions in the current fme file

1. Create a structure filter for all the actions in the fme file.

2. Create a structure filter for all completed actions.

Filter (Structure) ✕

Available filters:

| New... | Properties | Copy... | Delete | Import | Export |

- Remove filter/highlighting
- User-defined filters
  - **All completed actions**
  - All relevant actions
- System-defined filters
  - Open deadlines
  - Open deadlines of the curre
  - Future deadlines
  - Deadlines overdue (all resp
  - Actions without deadlines (v
  - Improved actions
  - The top 10 failures (last rate
  - The top 10 failures (initial st
  - The top 10 failures (last cor
  - Changes of structure versic
  - Creation or modification dat
  - Not completely connected fa
  - All objects with inclusion att

Filter...

☑ **Action:** Status equals completed

A single filter applies to all kinds of objects. To apply a filter to a selected set of objects types, please use a detail filter.

Details

Which filter criteria shall be scanned?

Criteria...   Remove

Which operator shall be used for comparison?

Which condition values (* as wildcard, | as alternative) are to be used?
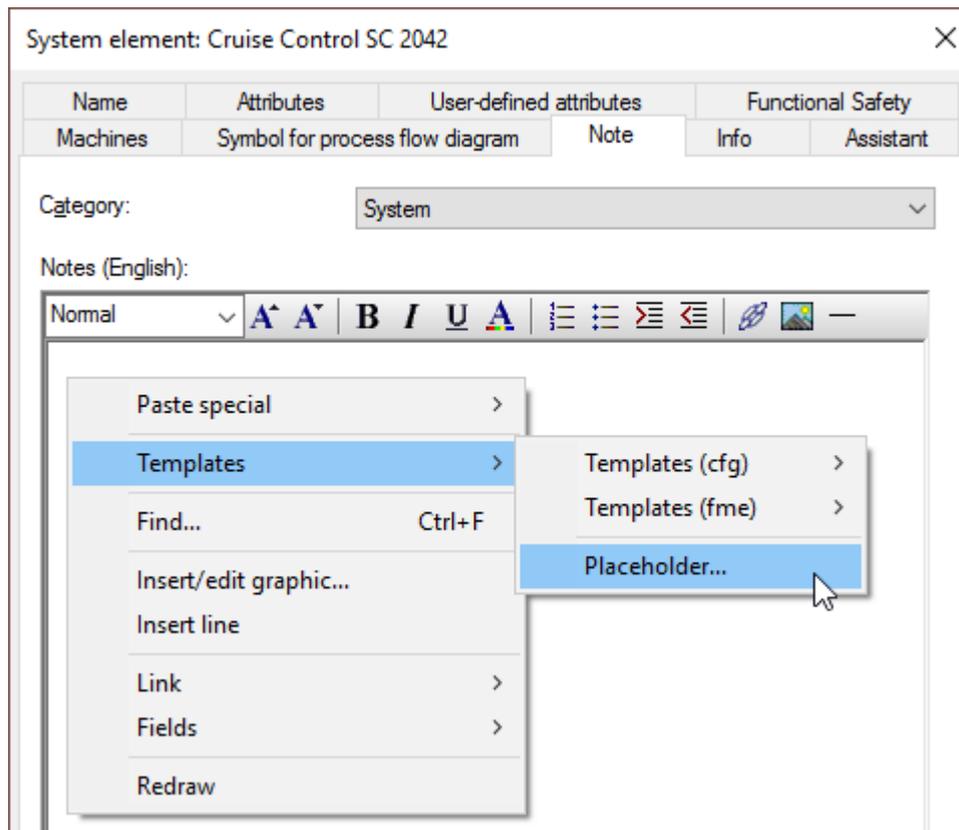
Values...   Remove

Apply

All languages

☐ Default filter for opening fme files
☐ Start Wizard to create new filters...

OK   Cancel   Help

3. Open "Note" (Ctrl + B) for an IQ object. In this example, a system element is used. Then use the context menu and select "Templates | Placeholder".

4. Drag & Drop the placeholder "Percent: %prct()%" on to "summary function/placeholder" in the "Destination" dialog.

5. Select both of the structure filters and drag them on to "Percent: %prct()%".

6. Sort the filters so that "All completed actions" is above "All relevant actions". This will result the correct calculation being made: Percentage = "All completed actions" / "All relevant actions * 100. Then click "OK".

System element: Cruise Control SC 2042   ✕

| Name | Attributes | User-defined attributes | Functional Safety | Machines |
| Symbol for process flow diagram | | Note | Info | Assistant |

Category: System

Notes (English):

Normal   A˄ A˅ | **B** *I* U̲ A̲ | ☰ ☲ ⊵ ⊴ | ⌗ 🖼 —

Percent: %prct(sfil(All completed actions),sfil(All relevant actions))%

7. The "Note" tab will now contain the placeholder.

8. Recommended step: copy "All completed actions" and paste it above the placeholder.

System element: Cruise Control SC 2042   ✕

| Name | Attributes | User-defined attributes | Functional Safety | Machines |
| Symbol for process flow diagram | | Note | Info | Assistant |

Category: System

Notes (English):

Normal   A˄ A˅ | **B** *I* U̲ A̲ | ☰ ☲ ⊵ ⊴ | ⌗ 🖼 —

All completed actions: |
Percent: %prct(sfil(All completed actions),sfil(All relevant actions))%

9. Press the F9 keyboard key to update the placeholder.

10. Recommended step: save the new placeholder in either the cfg- or fme file as a template for future use.

11. Name the template. That's it, you're finished!