

imc FAMOS Update Info 7.0.0

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imc FAMOS Update Info

1.1 imc FAMOS Update-Info (Version 7.0)

1.1.1 Look and Feel

• New GUI design

- A Panel is now an intrinsic component of the standard user interface. When you go to a Panel-page's Design-mode, the Widget Properties are automatically displayed.
- The Variables box and Data Browser (Measurements) have been combined in one window.
- The concept of data sources has been revised.
- The user interface has been completely revised and redesigned with ribbon menus.
- Visual display in a variety of Skins.

• Flexible user interface layout

- Drag & Drop of interface elements
- Windows freely positionable
- Freely configurable toolbars

1.1.2 Functionality

Syntax assistance for functions

When the cursor moves to over a function's name, the associated Quickhelp text is displayed. The previous behavior (CTRL+F1) can still be obtained using the keyboard combination ALT+F1, if the setting "*Display automatically*" is previously deactivated under "*Extras\Options\Editor*" -> "*Syntax Help*".

Boilerplates

Boilerplates (conditions, FOR loops, etc.) are now below Functions on the page "*Boilerplates*"

Multi-instances

It is now possible to run multiple instances of FAMOS on one PC. For this purpose, the start parameter /N has been introduced.

imc FAMOS Reader

The free edition of imc FAMOS Reader no longer requires registration.

1.1.3 New functions

Edit

RemoveSamples(): Deletes values in a data set

Panel

DbSetPanelWindow(): Positioning of a panel on the screen

SelUseMeasurement() : Along with the measurement number, it is now also possible to specify a measurement name.

System

GetSystemInfo(): Queries the screen resolution

Video

Showing a Video-variable opens a pre-defined Panel with a video widget and loads the video file.

Time-Stamp ASCII data

TSAJoin(): Allows data to be joined together in TimeStampASCII-format.

1.1.4 ASCII/EXCEL-Import

The ASCII-Import-Assistant can now also be used for EXCEL-files.

The format-name has thus been changed from "*ASCII-Import...*" to "*ASCII/Excel-Import...*".

1.1.5 PDF-Export

PDF-export for Panels and Reports has been supplemented with a new option "*Append to existing file*". This option has also been implemented in the Kit commands PnExportPDF and RgDocExportEx.

1.1.6 64-bit support

At installation, along with the 32-bit version, the 64-bit version is now available.

This renders certain limitations of 32 bits obsolete:

- Data set size > 2GByte
- Data set length > 2G Samples
- Working memory requirement per FAMOS instance > 2GByte

1.1.7 Curve window

1.1.7.1 Menu navigation and settings dialogs

The menu organization has been revised:

- **Options\Transfer-Options** are now collected under "*Options\Presettings\Handling*" in the section "*Transfer to imc FAMOS*".
- Double-clicking no longer activates **Selection mode** if "*Double-click on empty areas*" is set to "*no action*" under "*Options\Presettings\Handling*" in the section "*Mouse*".
- The **measurement cursors** now remain at the data position if "*When x-axis changes*" is set to "*Measurement cursor remains at its coordinate*" under "*Options\Presettings\Handling*" in the section "*Measurement window*". In consequence, the measurement cursors now also remain if they were previously set in a zoomed segment.
- The **colors** are now set under "*Options\Presettings\Colors*".
- **Colors** can now also be set **individually** for a curve window if "*Individualized colors for this window*" is set to "*Yes*" under "*Options\Presettings\Colors*" in the section "*What settings are to be made?*".
- It is now possible to set limits for the memory space for the **history**, if "*Max. memory [MByte]*" is set to a fixed value under "*Options\Presettings\Settings*" in the section "*History (Switch forwards/back between views)*".

1.1.7.2 Scaling

- **Zoom:** The size of the range displayed can now be altered using the mouse wheel. If the measurement cursor is located over a curve, the X and Y axes are scaled simultaneously. If the mouse is over an axis, only it is scaled.
- **Moving range:** By keeping the left mouse button pressed, it is possible to change what region of the data is displayed.
- **Y-axis stays automatic:** The Y-scaling now also stays on the setting "*auto*" when scrolling, if "*Navigation in x-direction*" is set to "*y-axes stay automatic*" under "*Options\Presettings\Handling*" in the section "*Axes*".

1.1.7.3 Map

- **Dynamic display of maps:** If a map is selected as the background, it can be automatically updated via Internet in terms of the scaling. ("*Configuration\Display\Map*"-> "*Map (from Internet)*")

1.1.7.4 Export as graphic

By means of "*Edit\Grafic export...*", it is now possible to export a curve window directly as a graphic (bmp, jpg, png, pdf).

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