

Automated Function Documentation

What's new in Version 12.1.R0?

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1 Purpose and scope

This document describes the improvements and changes of FunDoc V12.1 compared to V11.3

2 What's new in Version V12.1.R0?

2.1 Highlights

2.1.1 Ascet Project documentation [[FUNDOC-4125](#)]

Implemented within the Framework Aggregation the option to directly document a Ascet project without previously creating module documentations.

2.1.2 Class Documentation [[FUNDOC-4109](#)]

Data link for ADD Classes implemented. This gives FunDoc the opportunity to directly generate ADD Class documentations.

2.1.3 GUI - Documentation - Model Items Mapping [[FUNDOC-3972](#)]

During the documentation with model items the user has the chance to manually map the relation between document and model items.

2.2 New Features, Major Improvements

2.2.1 Modify Technical Terms via Keyboard [[FUNDOC-4127](#)]

Added the possibility to modify technical terms completely by keyboard.

2.2.2 Batch Processor transform operation [[FUNDOC-4118](#)]

Implemented a new parameter for the batch processor to modify existing fux files via the API.

2.2.3 Tool tip for hour glass [[FUNDOC-4116](#)]

Added a tool tip for the progress hour glass to indicate what process is currently running.

2.2.4 Background Matlab Documentation [[FUNDOC-3627](#)]

It is now possible to start a Matlab documentation in the background without Matlab opening several windows.

2.3 Minor Improvements / Correction of Bugs

2.3.1 Improved handling for encapsulated classes [[FUNDOC-4203](#)]

FunDoc now imports encapsulated classes correctly if the option "Include related models" is selected

2.3.2 State machines documentation [[FUNDOC-4044](#)]

It is possible to document state machines similar to classes.

2.3.3 Additional Options in GUI [[FUNDOC-4040](#)]

Several new configuration options were added to the GUI.

2.3.4 Shared file fragments [[FUNDOC-4282](#)]

Fixed an issue with shared file fragments (e.g. classes) within the same library.

2.3.5 Convert to Chapter Mode [[FUNDOC-4124](#)]

Fixed an issue which caused FunDoc to crash while converting all functions to chapter mode.

2.3.6 Reading MKS Info from Matlab [[FUNDOC-4393](#)]

Fixed an issue that caused a problem reading the MKS information via Matlab.

2.3.7 LaTeX linebreaks in tables [[FUNDOC-4369](#)]

Fixed an issue with line breaks within tables.

2.3.8 Model notes in PDF [[FUNDOC-4363](#)]

Fixed an issue that caused full justification in model notes.

2.3.9 Display Formula in PDF [[FUNDOC-4326](#)]

Fixed an issue regarding formulas. Caption for the formulas will be placed under the formula.

2.3.10 Formula editor [[FUNDOC-4319](#)]

Fixed an issue regarding an error message in the formula editor.

2.3.11 Log File Improvement [[FUNDOC-4313](#)]

Fixed an issue that caused FunDoc to be locked during the time the log file is opened in an external editor.

2.3.12 User customized colors [[FUNDOC-4311](#)]

Fixed an issue that user customized colors were not saved.

2.3.13 Find and Replace all [[FUNDOC-4310](#)]

Fixed an issue that caused a crash after using find and replace all functionality.

2.3.14 MKS Project Information [[FUNDOC-4301](#)]

Fixed an issue that caused FunDoc to display the wrong MKS information within projects.

2.3.15 Editing Inline-Formula [[FUNDOC-4288](#)]

Fixed an issue that caused a crash while editing inline formulas.

2.3.16 Matlab COM-Exceptions [[FUNDOC-4274](#)]

fixed an issue that caused 2 exceptions during documentation process.

2.3.17 Format string conversion in DataObject tables [[FUNDOC-4273](#)]

Fixed an issue regarding the format string conversion in DataObject tables.

2.3.18 SortByName for Hierarchies [[FUNDOC-4253](#)]

Fixed an issue that caused the hierarchies which begin with a number to be sorted in the wrong order.

2.3.19 FunDoc Process Feedback [[FUNDOC-4240](#)]

Fixed an issue regarding wrong process feedback from FunDoc.

2.3.20 Model update [[FUNDOC-4239](#)]

Fixed an issue regarding the update function and models within the Fux file.

2.3.21 LaTeX DataObject Tables [\[FUNDOC-4216\]](#)

Fixed an issue regarding the DataObject names in the DataObject Tables.

2.3.22 Hierarchy Area Mapping [\[FUNDOC-4198\]](#)

Fixed an issue regarding misplaced area links in the Hierarchy Area Mapping

2.3.23 SaveAs function [\[FUNDOC-4114\]](#)

Fixed an issue regarding the SaveAs function.

2.3.24 Documentation with Ascet Model [\[FUNDOC-3824\]](#)

Fixed an issue with a documentation with diagrams of type esdl or c-code

3 What's new in Version V11.3.R2?

3.1 Highlights

3.2 New Features, Major Improvements

3.3 Minor Improvements / Correction of Bugs

3.3.1 Shared file fragments [[FUNDOC-4282](#)]

Fixed an issue with shared file fragments (e.g. classes) within the same library.

4 What's new in Version V11.3.R1?

4.1 Highlights

4.2 New Features, Major Improvements

4.2.1 FunDoc Editor [[FUNDOC-4233](#)]

A new auto-complete feature is implemented for the FunDoc Editor.

4.3 Minor Improvements / Correction of Bugs

4.3.1 Model path in cms function [[FUNDOC-4257](#)]

The absolute model path is now available in the cms function for Matlab.

5 What's new in Version V11.3.R0?

5.1 Highlights

5.1.1 Automatic Feature/DataObject linking [[FUNDOC-4036](#)]

It is possible to automatically replace mentioned features and data object by a link to this feature/data object. This is possible during the saving process/custom formatter process.

5.1.2 MKS Information in Documentation [[FUNDOC-3879](#)]

MKS information are now included in the documentation. This information is included in the fux file as well as the created pdf.

5.1.3 Formula Editor - TeXLive [[FUNDOC-3790](#)]

The formula editor in FunDoc now also works with TeXLive.

5.1.4 ASCET [[FUNDOC-4009](#)]

FunDoc supports now Ascet 6.3

5.2 New Features, Major Improvements

5.2.1 FunDoc Image Format Support [[FUNDOC-3782](#)]

FunDoc now supports more image formats. This is completely controlled by the FunDocConfig.xml where image converter can be defined for specific image formats.

5.2.2 Improved handling for encapsulated classes [[FUNDOC-4203](#)]

FunDoc now imports encapsulated classes correctly if the option "Include related models" is selected

5.2.3 Automatic Data Source recognition [[FUNDOC-4039](#)]

FunDoc can now switch automatically to the setting UseDDSMdx if a ddx file is used as a data source. This behavior is activated by a FunDocConfig.xml setting.

5.2.4 Batch Mode Automatic Conversion [[FUNDOC-3795](#)]

It is now possible to automatically convert a document into a different hierarchy format in case of a document update. This behavior is activated by an additional parameter

5.3 Minor Improvements / Correction of Bugs

5.3.1 Toolbar Icons [[FUNDOC-1157](#)]

Implemented bigger icons for the FunDoc toolbar.

5.3.2 Aggregation with .ddx file [[FUNDOC-4143](#)]

Fixed an issue that occurred while aggregation with a ddx file regarding the import of VarCodes.

5.3.3 LibraryAggregation [[FUNDOC-4041](#)]

Fixed an issues regarding the introduction chapter generation for the library aggregation.

5.3.4 TeX Formatter [[FUNDOC-4038](#)]

Fixed an issue regarding an error during Pdf/TeX creation with figure area maps

5.3.5 MatLab Model Print [\[FUNDOC-3865\]](#)

Fixed an issue that prevented the correct LogMessage was printed when an error occurred.

5.3.6 Matlab model parsing [\[FUNDOC-4066\]](#)

Fixed an issue regarding the model parsing process which caused the parsing to stop.

5.3.7 SC Condition Import [\[FUNDOC-4046\]](#)

Fixed an issue regarding the SC condition import with activated replication.

5.3.8 GUI - Documentation - Model Items [\[FUNDOC-3985\]](#)

Fixed an issue that the open dialog for the model item selection disappeared when clicking somewhere within the FunDoc editor.

5.3.9 FSX File - Calibration Notes [\[FUNDOC-3965\]](#)

Fixed an issue regarding the calibration note long name, which are now written correctly in the fsx files.

5.3.10 Indent for Bulletpoints [\[FUNDOC-3860\]](#)

Fixed an issue regarding the indent for bullet points or numbered lists. The bullet point/number is now indented too.

5.3.11 TeX Data Object Table output [\[FUNDOC-3752\]](#)

Fixed an issue that resulted in different output due to culture settings. Values are now written culture invariant.

5.3.12 Library Aggregation Status Window [\[FUNDOC-3436\]](#)

Opening and filling the aggregation status window is improved to prevent the impression that the GUI is crashed.

5.3.13 Progress Bar [\[FUNDOC-2350\]](#)

Fixed an issue that prevented the progress bar to close after loading a document.

6 No longer supported features

7 Questions?

If you have any questions about this release, please contact the Visu-IT! FunDoc Hotline:

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