

## Automated Function Documentation

What's new in Version 14.1.R0?

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## Contents

<b>1</b>	<b><i>Purpose and scope</i></b>	<b>7</b>
<b>2</b>	<b><i>What's new in Version V14.1.R0?</i></b>	<b>7</b>
2.1	<b>Highlights</b>	7
2.1.1	Special characteristic [ <a href="#">FUNDOC-5068</a> ]	7
2.2	<b>New Features, Major Improvements</b>	7
2.2.1	Local class linking [ <a href="#">FUNDOC-4734</a> ]	7
2.2.2	Technical terms in PDF [ <a href="#">FUNDOC-5022</a> ]	7
2.3	<b>Minor Improvements / Correction of Bugs</b>	7
2.3.1	ML Locked SubSystems [ <a href="#">FUNDOC-4786</a> ]	7
2.3.2	Environment Variable [ <a href="#">FUNDOC-5197</a> ]	7
2.3.3	Copy and paste in editor [ <a href="#">FUNDOC-5138</a> ]	7
2.3.4	Scrolling in manual mapping [ <a href="#">FUNDOC-5128</a> ]	7
2.3.5	Performance improvement [ <a href="#">FUNDOC-5155</a> ]	7
<b>3</b>	<b><i>What's new in Version V13.3.R0?</i></b>	<b>7</b>
3.1	<b>Highlights</b>	7
3.1.1	FunDoc Java API [ <a href="#">FUNDOC-4983</a> ]	7
3.2	<b>New Features, Major Improvements</b>	8
3.2.1	Temporary TeX Files [ <a href="#">FUNDOC-5039</a> ]	8
3.2.2	TeXFormatter [ <a href="#">FUNDOC-5023</a> ]	8
3.2.3	Data Object Tables [ <a href="#">FUNDOC-4967</a> ]	8
3.3	<b>Minor Improvements / Correction of Bugs</b>	8
3.3.1	Custom Formatter [ <a href="#">FUNDOC-5113</a> ]	8
3.3.2	Hierarchy Overlay ToolTip [ <a href="#">FUNDOC-5069</a> ]	8
3.3.3	PDF Links [ <a href="#">FUNDOC-4951</a> ]	8
3.3.4	Text in lists [ <a href="#">FUNDOC-4828</a> ]	8
3.3.5	TeX Verbatim and Verbatim [ <a href="#">FUNDOC-4824</a> ]	8
3.3.6	Documentation Data Link [ <a href="#">FUNDOC-5116</a> ]	8
3.3.7	PACES MDX-PACES [ <a href="#">FUNDOC-4961</a> ]	8
<b>4</b>	<b><i>What's new in Version V13.2.R0?</i></b>	<b>8</b>
4.1	<b>Highlights</b>	8
4.1.1	Ascet 6.4.3 support [ <a href="#">FUNDOC-4862</a> ]	8
4.1.2	History Chapter [ <a href="#">FUNDOC-4780</a> ]	8
4.2	<b>New Features, Major Improvements</b>	8
4.2.1	GUI Icons [ <a href="#">FUNDOC-3808</a> ]	8
4.2.2	Formula editor [ <a href="#">FUNDOC-4820</a> ]	9
4.2.3	Fonts for FunDoc [ <a href="#">FUNDOC-4791</a> ]	9
4.2.4	FunDoc Editor [ <a href="#">FUNDOC-4788</a> ]	9
4.2.5	Transform processor [ <a href="#">FUNDOC-4733</a> ]	9
4.2.6	Zoom in FunDoc [ <a href="#">FUNDOC-2346</a> ]	9
4.2.7	CV PACES MDX [ <a href="#">FUNDOC-4412</a> ]	9
4.3	<b>Minor Improvements / Correction of Bugs</b>	9
4.3.1	Create by Config [ <a href="#">FUNDOC-4914</a> ]	9
4.3.2	Line breaks in tables [ <a href="#">FUNDOC-4884</a> ]	9
4.3.3	LaTeX output for Tables [ <a href="#">FUNDOC-4868</a> ]	9
4.3.4	PDF Formatter [ <a href="#">FUNDOC-5005</a> ]	9
4.3.5	Hierarchy Mapping [ <a href="#">FUNDOC-4958</a> ]	9
4.3.6	TeX and Pdf Formatter [ <a href="#">FUNDOC-4923</a> ]	9

4.3.7	FunDoc Dictionary <a href="#">[FUNDOC-4312]</a>	9
4.3.8	Functionpackages <a href="#">[FUNDOC-4122]</a>	9
<b>5</b>	<b><i>What's new in Version V13.1.R0?</i></b>	<b>10</b>
<b>5.1</b>	<b>Highlights</b>	<b>10</b>
5.1.1	FunDoc TeXFormatter <a href="#">[FUNDOC-4521]</a>	10
5.1.2	FunDoc Documentation <a href="#">[FUNDOC-4413]</a>	10
<b>5.2</b>	<b>New Features, Major Improvements</b>	<b>10</b>
5.2.1	FunDoc Documentation <a href="#">[FUNDOC-4115]</a>	10
5.2.2	FunDoc Editor <a href="#">[FUNDOC-3809]</a>	10
5.2.3	FunDocUserSettings <a href="#">[FUNDOC-1888]</a>	10
5.2.4	Manual Mapping <a href="#">[FUNDOC-4686]</a>	10
<b>5.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>10</b>
5.3.1	Save Document Structure <a href="#">[FUNDOC-4905]</a>	10
5.3.2	Mapping Dialog Split-Behavior <a href="#">[FUNDOC-4875]</a>	10
5.3.3	Mapping dialog handling <a href="#">[FUNDOC-4888]</a>	10
5.3.4	Mapping dialog Abort button <a href="#">[FUNDOC-4876]</a>	10
5.3.5	RomanNumeral struct limits <a href="#">[FUNDOC-4832]</a>	10
5.3.6	FunDoc TeXFormatter <a href="#">[FUNDOC-4789]</a>	10
5.3.7	Automatic Guideline fix <a href="#">[FUNDOC-4775]</a>	10
<b>6</b>	<b><i>What's new in Version V12.3.R0?</i></b>	<b>11</b>
<b>6.1</b>	<b>Highlights</b>	<b>11</b>
6.1.1	FunDoc Documentation DataLink selection <a href="#">[FUNDOC-4605]</a>	11
<b>6.2</b>	<b>New Features, Major Improvements</b>	<b>11</b>
6.2.1	FunDoc Formatter Cross Reference Tables <a href="#">[FUNDOC-4606]</a>	11
6.2.2	FunDoc Formatter <a href="#">[FUNDOC-4719]</a>	11
6.2.3	FunDocEditor GUI <a href="#">[FUNDOC-4657]</a>	11
6.2.4	.Net Framework <a href="#">[FUNDOC-4677]</a>	11
<b>6.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>11</b>
6.3.1	StatemachineHandler <a href="#">[FUNDOC-4696]</a>	11
6.3.2	FunDocEditor Tree View <a href="#">[FUNDOC-4292]</a>	11
6.3.3	Matlab Select from Hierarchy <a href="#">[FUNDOC-4737]</a>	11
6.3.4	Tables with lists in LaTeX <a href="#">[FUNDOC-4718]</a>	11
6.3.5	Log Messages <a href="#">[FUNDOC-4673]</a>	11
6.3.6	CustomFormatter <a href="#">[FUNDOC-4634]</a>	11
6.3.7	TeX Formatter <a href="#">[FUNDOC-4628]</a>	11
6.3.8	ML Docu-Creation <a href="#">[FUNDOC-4619]</a>	12
6.3.9	Convert Function into Chapter Mode <a href="#">[FUNDOC-4584]</a>	12
6.3.10	FunDoc Error-Messages <a href="#">[FUNDOC-4579]</a>	12
6.3.11	Matlab Evaluation <a href="#">[FUNDOC-4560]</a>	12
6.3.12	Library aggregation <a href="#">[FUNDOC-4121]</a>	12
6.3.13	Library aggregation <a href="#">[FUNDOC-4120]</a>	12
6.3.14	Library aggregation <a href="#">[FUNDOC-4119]</a>	12
6.3.15	Library aggregation <a href="#">[FUNDOC-4042]</a>	12
6.3.16	Tree View Items <a href="#">[FUNDOC-3803]</a>	12
<b>7</b>	<b><i>What's new in Version V12.2.R0?</i></b>	<b>12</b>
<b>7.1</b>	<b>Highlights</b>	<b>12</b>
7.1.1	Automatic Document Guideline fix <a href="#">[FUNDOC-3745]</a>	12
7.1.2	Matlab 2015b support <a href="#">[FUNDOC-4293]</a>	12
<b>7.2</b>	<b>New Features, Major Improvements</b>	<b>12</b>
7.2.1	FunDocConfig Behavior <a href="#">[FUNDOC-3869]</a>	12

7.2.2	Options in GUI <a href="#">[FUNDOC-4321]</a>	12
7.2.3	Formula editor <a href="#">[FUNDOC-4289]</a>	12
<b>7.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>13</b>
7.3.1	Batch Processor transform operation <a href="#">[FUNDOC-4559]</a>	13
7.3.2	Automatic Feature/DataObject linking <a href="#">[FUNDOC-4558]</a>	13
7.3.3	Automatic linking <a href="#">[FUNDOC-4586]</a>	13
7.3.4	FunDoc Editor <a href="#">[FUNDOC-4557]</a>	13
7.3.5	FunDoc Editor Table behavior <a href="#">[FUNDOC-4546]</a>	13
7.3.6	Copy and paste from Eclipse <a href="#">[FUNDOC-4536]</a>	13
7.3.7	Pdf and LaTeX Hierarchy Path <a href="#">[FUNDOC-4459]</a>	13
7.3.8	StateFlow progress bar <a href="#">[FUNDOC-4453]</a>	13
7.3.9	Bullet points in FunDoc <a href="#">[FUNDOC-4294]</a>	13
7.3.10	FunDoc Editor <a href="#">[FUNDOC-4214]</a>	13
<b>8</b>	<b>What's new in Version V12.1.R0?</b>	<b>13</b>
<b>8.1</b>	<b>Highlights</b>	<b>13</b>
8.1.1	Ascet Project documentation <a href="#">[FUNDOC-4125]</a>	13
8.1.2	Class Documentation <a href="#">[FUNDOC-4109]</a>	13
8.1.3	GUI - Documentation - Model Items Mapping <a href="#">[FUNDOC-3972]</a>	13
<b>8.2</b>	<b>New Features, Major Improvements</b>	<b>14</b>
8.2.1	Modify Technical Terms via Keyboard <a href="#">[FUNDOC-4127]</a>	14
8.2.2	Batch Processor transform operation <a href="#">[FUNDOC-4118]</a>	14
8.2.3	Tool tip for hour glass <a href="#">[FUNDOC-4116]</a>	14
8.2.4	Background Matlab Documentation <a href="#">[FUNDOC-3627]</a>	14
8.2.5	Model Mapping <a href="#">[FUNDOC-4495]</a>	14
<b>8.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>14</b>
8.3.1	Improved handling for encapsulated classes <a href="#">[FUNDOC-4203]</a>	14
8.3.2	State machines documentation <a href="#">[FUNDOC-4044]</a>	14
8.3.3	Additional Options in GUI <a href="#">[FUNDOC-4040]</a>	14
8.3.4	Shared file fragments <a href="#">[FUNDOC-4282]</a>	14
8.3.5	Convert to Chapter Mode <a href="#">[FUNDOC-4124]</a>	14
8.3.6	Reading MKS Info from Matlab <a href="#">[FUNDOC-4393]</a>	14
8.3.7	LaTeX linebreaks in tables <a href="#">[FUNDOC-4369]</a>	14
8.3.8	Model notes in PDF <a href="#">[FUNDOC-4363]</a>	14
8.3.9	Display Formula in PDF <a href="#">[FUNDOC-4326]</a>	14
8.3.10	Formula editor <a href="#">[FUNDOC-4319]</a>	14
8.3.11	Log File Improvement <a href="#">[FUNDOC-4313]</a>	15
8.3.12	User customized colors <a href="#">[FUNDOC-4311]</a>	15
8.3.13	Find and Replace all <a href="#">[FUNDOC-4310]</a>	15
8.3.14	MKS Project Information <a href="#">[FUNDOC-4301]</a>	15
8.3.15	Editing Inline-Formula <a href="#">[FUNDOC-4288]</a>	15
8.3.16	Matlab COM-Exceptions <a href="#">[FUNDOC-4274]</a>	15
8.3.17	Format string conversion in DataObject tables <a href="#">[FUNDOC-4273]</a>	15
8.3.18	SortByName for Hierarchies <a href="#">[FUNDOC-4253]</a>	15
8.3.19	FunDoc Process Feedback <a href="#">[FUNDOC-4240]</a>	15
8.3.20	Model update <a href="#">[FUNDOC-4239]</a>	15
8.3.21	LaTeX DataObject Tables <a href="#">[FUNDOC-4216]</a>	15
8.3.22	Hierarchy Area Mapping <a href="#">[FUNDOC-4198]</a>	15
8.3.23	SaveAs function <a href="#">[FUNDOC-4114]</a>	15
8.3.24	Documentation with Ascet Model <a href="#">[FUNDOC-3824]</a>	15
8.3.25	Skipping of local classes <a href="#">[FUNDOC-4423]</a>	15
8.3.26	Batch Processor transform operation <a href="#">[FUNDOC-4559]</a>	15
8.3.27	Automatic Feature/DataObject linking <a href="#">[FUNDOC-4558]</a>	16
8.3.28	TeX-PDF Text Align <a href="#">[FUNDOC-4538]</a>	16

8.3.29	Align with for Mapping feature [FUNDOC-4482]	16
8.3.30	Mapping Feature Align with [FUNDOC-4481]	16
8.3.31	Pdf overlay for hierarchies [FUNDOC-3872]	16
8.3.32	Matlab handling [FUNDOC-4452]	16
8.3.33	Model Mapping Dialog [FUNDOC-4476]	16
8.3.34	Search and Replace [FUNDOC-4441]	16
8.3.35	Document date update [FUNDOC-4451]	16
8.3.36	Manual Mapping Dialog [FUNDOC-4477]	16
8.3.37	Automatic linking [FUNDOC-4586]	16
<b>9</b>	<b>What's new in Version V11.3.R2?</b>	<b>17</b>
9.1	Highlights	17
9.2	New Features, Major Improvements	17
9.3	Minor Improvements / Correction of Bugs	17
9.3.1	Shared file fragments [FUNDOC-4282]	17
<b>10</b>	<b>What's new in Version V11.3.R1?</b>	<b>18</b>
10.1	Highlights	18
10.2	New Features, Major Improvements	18
10.2.1	FunDoc Editor [FUNDOC-4233]	18
10.3	Minor Improvements / Correction of Bugs	18
10.3.1	Model path in cms function [FUNDOC-4257]	18
<b>11</b>	<b>What's new in Version V11.3.R0?</b>	<b>19</b>
11.1	Highlights	19
11.1.1	Automatic Feature/DataObject linking [FUNDOC-4036]	19
11.1.2	MKS Information in Documentation [FUNDOC-3879]	19
11.1.3	Formula Editor - TeXLive [FUNDOC-3790]	19
11.1.4	ASCET [FUNDOC-4009]	19
11.2	New Features, Major Improvements	19
11.2.1	FunDoc Image Format Support [FUNDOC-3782]	19
11.2.2	Improved handling for encapsulated classes [FUNDOC-4203]	19
11.2.3	Automatic Data Source recognition [FUNDOC-4039]	19
11.2.4	Batch Mode Automatic Conversion [FUNDOC-3795]	19
11.3	Minor Improvements / Correction of Bugs	19
11.3.1	Toolbar Icons [FUNDOC-1157]	19
11.3.2	Aggregation with .ddx file [FUNDOC-4143]	19
11.3.3	LibraryAggregation [FUNDOC-4041]	19
11.3.4	TeX Formatter [FUNDOC-4038]	19
11.3.5	MatLab Model Print [FUNDOC-3865]	20
11.3.6	Matlab model parsing [FUNDOC-4066]	20
11.3.7	SC Condition Import [FUNDOC-4046]	20
11.3.8	GUI - Documentation - Model Items [FUNDOC-3985]	20
11.3.9	FSX File - Calibration Notes [FUNDOC-3965]	20
11.3.10	Indent for Bulletpoints [FUNDOC-3860]	20
11.3.11	TeX Data Object Table output [FUNDOC-3752]	20
11.3.12	Library Aggregation Status Window [FUNDOC-3436]	20
11.3.13	Progress Bar [FUNDOC-2350]	20
<b>12</b>	<b>No longer supported features</b>	<b>21</b>
<b>13</b>	<b>Questions?</b>	<b>21</b>



## 1 Purpose and scope

This document describes the improvements and changes of FunDoc V14.1 compared to V13.3

## 2 What's new in Version V14.1.R0?

### 2.1 Highlights

#### 2.1.1 Special characteristic [[FUNDOC-5068](#)]

It is now possible to add special characteristic information in FunDoc documentations.

### 2.2 New Features, Major Improvements

#### 2.2.1 Local class linking [[FUNDOC-4734](#)]

FunDoc will now generate a link classes in the PDF hierarchy images if possible

#### 2.2.2 Technical terms in PDF [[FUNDOC-5022](#)]

Removed brackets around the technical terms in the TeX output.

### 2.3 Minor Improvements / Correction of Bugs

#### 2.3.1 ML Locked SubSystems [[FUNDOC-4786](#)]

Deactivate MATLAB Simulink Lock in order to avoid the overlay of the Lock icon within SubSystem pictures.

#### 2.3.2 Environment Variable [[FUNDOC-5197](#)]

Suffix "." removed from system environment variable "FUNDOC\_PATH".

#### 2.3.3 Copy and paste in editor [[FUNDOC-5138](#)]

Fixed an issue that the text formatting was faulty after copying and pasting text in the editor.

#### 2.3.4 Scrolling in manual mapping [[FUNDOC-5128](#)]

Fixed an issue that prevented scrolling up and down in the manual mapping feature.

#### 2.3.5 Performance improvement [[FUNDOC-5155](#)]

The documentation process of the 'Composition Documentation' popup is now asynchronously executed.

## 3 What's new in Version V13.3.R0?

### 3.1 Highlights

#### 3.1.1 FunDoc Java API [[FUNDOC-4983](#)]

Implemented a first version of a Java api for a specific usecase.

## 3.2 New Features, Major Improvements

### 3.2.1 Temporary TeX Files [\[FUNDOC-5039\]](#)

The temporary LaTeX files will not be deleted any more in case of an error.

### 3.2.2 TeXFormatter [\[FUNDOC-5023\]](#)

It is now possible to add arguments for the LaTeX compiler.

### 3.2.3 Data Object Tables [\[FUNDOC-4967\]](#)

It is possible to modify the Data Object Table caption with the FunDocTeXClass.cls

## 3.3 Minor Improvements / Correction of Bugs

### 3.3.1 Custom Formatter [\[FUNDOC-5113\]](#)

Fixed an issue regarding the temporary fux file path.

### 3.3.2 Hierarchy Overlay ToolTip [\[FUNDOC-5069\]](#)

Fixed an issue causing problems to generate PDF in case of missing data dictionary.

### 3.3.3 PDF Links [\[FUNDOC-4951\]](#)

Fixed an issue regarding external file links in PDFs

### 3.3.4 Text in lists [\[FUNDOC-4828\]](#)

Fixed an issue that caused text to be not correctly indented in lists.

### 3.3.5 TeX Verbatim and Verbatim [\[FUNDOC-4824\]](#)

Added the possibility to convert verbatim blocks back to regular text blocks

### 3.3.6 Documentation Data Link [\[FUNDOC-5116\]](#)

Fixed an issue that FunDoc crashed using a DDX file under certain circumstances.

### 3.3.7 PACES MDX-PACES [\[FUNDOC-4961\]](#)

Casual problems regarding PACES export fixed.

## 4 What's new in Version V13.2.R0?

### 4.1 Highlights

#### 4.1.1 Ascet 6.4.3 support [\[FUNDOC-4862\]](#)

FunDoc supports now Ascet version 6.4.3.

#### 4.1.2 History Chapter [\[FUNDOC-4780\]](#)

A history chapter can be generated by FunDoc where the changes to the documentation can be stored.

### 4.2 New Features, Major Improvements

#### 4.2.1 GUI Icons [\[FUNDOC-3808\]](#)

New Icons were created and integrated in the user interface of the global and context-local search mechanism.



#### **4.2.2 Formula editor [\[FUNDOC-4820\]](#)**

Usability improvements for the formula editor.

#### **4.2.3 Fonts for FunDoc [\[FUNDOC-4791\]](#)**

The font used in the FunDocEditor can now be changed.

#### **4.2.4 FunDoc Editor [\[FUNDOC-4788\]](#)**

Improved the GUI by removing the inner scrollbar

#### **4.2.5 Transform processor [\[FUNDOC-4733\]](#)**

Modified FunDoc to prevent file conflicts while using multiple instances of the FunDoc transform processor

#### **4.2.6 Zoom in FunDoc [\[FUNDOC-2346\]](#)**

Improved the UI to enable zoom in FunDoc by using the common short cut control and mouse wheel.

#### **4.2.7 CV PACES MDX [\[FUNDOC-4412\]](#)**

Consider CodeVariant Settings for DataObjects via PACES MDX export process.

### **4.3 Minor Improvements / Correction of Bugs**

#### **4.3.1 Create by Config [\[FUNDOC-4914\]](#)**

Fixed an issue that regarding the aggregation with create by config that caused the settings to be ignored.

#### **4.3.2 Line breaks in tables [\[FUNDOC-4884\]](#)**

Added possible line breaks for text in tables to enable line breaks for long words in tables and lists.

#### **4.3.3 LaTeX output for Tables [\[FUNDOC-4868\]](#)**

Fixed an issue that caused in tables with centered or right alignment to be not adjusted by page width.

#### **4.3.4 PDF Formatter [\[FUNDOC-5005\]](#)**

Fixed an issue that prevented one config setting to be ignored.

#### **4.3.5 Hierarchy Mapping [\[FUNDOC-4958\]](#)**

Fixed an issue that caused the order of subsystems to be changed within the hierarchy mapping dialog.

#### **4.3.6 TeX and Pdf Formatter [\[FUNDOC-4923\]](#)**

Fixed an issue with figure area maps that created invalid TeX code.

#### **4.3.7 FunDoc Dictionary [\[FUNDOC-4312\]](#)**

Fixed an issue that prevented new entries into the dictionary for words with ä, ü, ö and ß

#### **4.3.8 Functionpackages [\[FUNDOC-4122\]](#)**

Fixed an issue that caused the functions to be sorted incorrectly

## 5 What's new in Version V13.1.R0?

### 5.1 Highlights

#### 5.1.1 FunDoc TeXFormatter [[FUNDOC-4521](#)]

FunDoc can now display tooltips within the hierarchy images.

#### 5.1.2 FunDoc Documentation [[FUNDOC-4413](#)]

Added the option to trigger the MDX Export via PACES.

### 5.2 New Features, Major Improvements

#### 5.2.1 FunDoc Documentation [[FUNDOC-4115](#)]

FunDoc now generates during the documentation process an overview for used processes similar to the overview for used parameter and variables

#### 5.2.2 FunDoc Editor [[FUNDOC-3809](#)]

The editor now has an undo function.

#### 5.2.3 FunDocUserSettings [[FUNDOC-1888](#)]

Improved the handling for the FunDocUserSettings.xml to enable a path selection for the setting file.

#### 5.2.4 Manual Mapping [[FUNDOC-4686](#)]

Improved the handling for the manual mapping feature.

### 5.3 Minor Improvements / Correction of Bugs

#### 5.3.1 Save Document Structure [[FUNDOC-4905](#)]

The 'Save Document Structure' button is now only visible for library documentation.

#### 5.3.2 Mapping Dialog Split-Behavior [[FUNDOC-4875](#)]

The mapping dialog was extended by a description of the split behavior.

#### 5.3.3 Mapping dialog handling [[FUNDOC-4888](#)]

Fixed an issue that caused the undo shortcut to be only used once.

#### 5.3.4 Mapping dialog Abort button [[FUNDOC-4876](#)]

The 'Abort' button can now be hidden via the FunDocConfig.xml.

#### 5.3.5 RomanNumeral struct limits [[FUNDOC-4832](#)]

RomanNumeral limits extended for cross references to support up to 32767 cross references

#### 5.3.6 FunDoc TeXFormatter [[FUNDOC-4789](#)]

Fixed an issue that prevented a line break within table cells.

#### 5.3.7 Automatic Guideline fix [[FUNDOC-4775](#)]

fixed an issue regarding not copied chapters and topics

## 6 What's new in Version V12.3.R0?

### 6.1 Highlights

#### 6.1.1 FunDoc Documentation DataLink selection [\[FUNDOC-4605\]](#)

Mdx files can be used to select the DataLink

### 6.2 New Features, Major Improvements

#### 6.2.1 FunDoc Formatter Cross Reference Tables [\[FUNDOC-4606\]](#)

Added a hyperlink for the column Defined In of the cross reference table.

#### 6.2.2 FunDoc Formatter [\[FUNDOC-4719\]](#)

Added a FunDocConfig setting to select a specific TeX formatter for the pdf creation

#### 6.2.3 FunDocEditor GUI [\[FUNDOC-4657\]](#)

Improved context menu for Windows classic theme

#### 6.2.4 .Net Framework [\[FUNDOC-4677\]](#)

FunDoc uses now .Net Framework 4.6

### 6.3 Minor Improvements / Correction of Bugs

#### 6.3.1 StatemachineHandler [\[FUNDOC-4696\]](#)

Fixed an issue preventing the config FunDocConfig.xml setting for the StatemachineHandler to be read correctly

#### 6.3.2 FunDocEditor Tree View [\[FUNDOC-4292\]](#)

Fixed an issue that caused newly created chapters to be marked as 'changed' instead of 'new'.

#### 6.3.3 Matlab Select from Hierarchy [\[FUNDOC-4737\]](#)

Fixed an issue that caused to throw an exception when selecting a Matlab model from hierarchy

#### 6.3.4 Tables with lists in LaTeX [\[FUNDOC-4718\]](#)

Fixed an issue with lists in tables which caused an error during PDF creation.

#### 6.3.5 Log Messages [\[FUNDOC-4673\]](#)

Improved the Logger to write log messages even when FunDoc could not be started due to e.g. corrupt FunDocConfig file.

#### 6.3.6 CustomFormatter [\[FUNDOC-4634\]](#)

Fixed an issue that caused the original fux file to be replaced by a reduced one while using the CustomFormatter

#### 6.3.7 TeX Formatter [\[FUNDOC-4628\]](#)

Fixed an issue causing overlapping hyperlinks for subsystem hierarchy links

### 6.3.8 ML Docu-Creation [[FUNDOC-4619](#)]

Randomly occurring MATLAB exceptions during the FunDoc ML-Docu-Update/Creation fixed.

### 6.3.9 Convert Function into Chapter Mode [[FUNDOC-4584](#)]

Solved an issue that caused a crash while converting all functions into chapter mode.

### 6.3.10 FunDoc Error-Messages [[FUNDOC-4579](#)]

Improved the error messages in case of failed license check or problems to connect to the ADD db

### 6.3.11 Matlab Evaluation [[FUNDOC-4560](#)]

Model references which can not be loaded will now be skipped to prevent exceptions.

### 6.3.12 Library aggregation [[FUNDOC-4121](#)]

Fixed an issue that caused functions to be documented at the wrong position. Additional config setting implemented

### 6.3.13 Library aggregation [[FUNDOC-4120](#)]

Fixed an issue that caused global classes to be documented in the wrong position.

### 6.3.14 Library aggregation [[FUNDOC-4119](#)]

Single functions are now grouped within the folder Functions which is located behind the function packages.

### 6.3.15 Library aggregation [[FUNDOC-4042](#)]

Fixed an issue that sorted classes located in container into the global class section.

### 6.3.16 Tree View Items [[FUNDOC-3803](#)]

Fixed an issue that caused items in the tree view to overlap

## 7 What's new in Version V12.2.R0?

### 7.1 Highlights

#### 7.1.1 Automatic Document Guideline fix [[FUNDOC-3745](#)]

The user has the choice to automatically fix function documentations according to the configured guidelines.

#### 7.1.2 Matlab 2015b support [[FUNDOC-4293](#)]

FunDoc supports now Matlab 2015b.

### 7.2 New Features, Major Improvements

#### 7.2.1 FunDocConfig Behavior [[FUNDOC-3869](#)]

Added the opportunity to use relative paths and environment variables for the FunDocConfig.

#### 7.2.2 Options in GUI [[FUNDOC-4321](#)]

Added option Include Related Models to the options in the GUI.

#### 7.2.3 Formula editor [[FUNDOC-4289](#)]

Improved the formula editor to insert new items within the formula and UI improvements.

## 7.3 Minor Improvements / Correction of Bugs

### 7.3.1 Batch Processor transform operation [[FUNDOC-4559](#)]

Added and modified parameter to align output with format process.

### 7.3.2 Automatic Feature/DataObject linking [[FUNDOC-4558](#)]

fixed an issue to improve the OutOfMemoryException problem.

### 7.3.3 Automatic linking [[FUNDOC-4586](#)]

Fixed an issue causing a crash if an automatic link was created for formatted text.

### 7.3.4 FunDoc Editor [[FUNDOC-4557](#)]

fixed an issue regarding Technical Terms and Inline Formulas which were directly adjacent.

### 7.3.5 FunDoc Editor Table behavior [[FUNDOC-4546](#)]

Improved the behavior of the editor regarding tabs in tables.

### 7.3.6 Copy and paste from Eclipse [[FUNDOC-4536](#)]

Fixed an issue that caused a crash while copying and pasting from Eclipse.

### 7.3.7 Pdf and LaTeX Hierarchy Path [[FUNDOC-4459](#)]

Fixed an issue causing long hierarchy paths to exceed the page side.

### 7.3.8 StateFlow progress bar [[FUNDOC-4453](#)]

Improved the progress bar handling for state flows and sub systems showing a continuous progress.

### 7.3.9 Bullet points in FunDoc [[FUNDOC-4294](#)]

Fixed an issue displaying the tabs for bullet points incorrectly.

### 7.3.10 FunDoc Editor [[FUNDOC-4214](#)]

Improved the handling for the FunDoc editor regarding text modifications adjacent to TechnicalTerms.

## 8 What's new in Version V12.1.R0?

### 8.1 Highlights

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

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

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

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

#### 8.1.3 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.

## 8.2 New Features, Major Improvements

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

Added the possibility to modify technical terms completely by keyboard.

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

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

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

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

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

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

### 8.2.5 Model Mapping [[FUNDOC-4495](#)]

Added a config for the FunDocConfig to prevent alignments from the model side.

## 8.3 Minor Improvements / Correction of Bugs

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

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

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

It is possible to document state machines similar to classes.

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

Several new configuration options were added to the GUI.

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

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

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

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

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

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

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

Fixed an issue with line breaks within tables.

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

Fixed an issue that caused full justification in model notes.

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

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

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

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

### **8.3.11 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.

### **8.3.12 User customized colors** [[FUNDOC-4311](#)]

Fixed an issue that user customized colors were not saved.

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

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

### **8.3.14 MKS Project Information** [[FUNDOC-4301](#)]

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

### **8.3.15 Editing Inline-Formula** [[FUNDOC-4288](#)]

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

### **8.3.16 Matlab COM-Exceptions** [[FUNDOC-4274](#)]

fixed an issue that caused 2 exceptions during documentation process.

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

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

### **8.3.18 SortByName for Hierarchies** [[FUNDOC-4253](#)]

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

### **8.3.19 FunDoc Process Feedback** [[FUNDOC-4240](#)]

Fixed an issue regarding wrong process feedback from FunDoc.

### **8.3.20 Model update** [[FUNDOC-4239](#)]

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

### **8.3.21 LaTeX DataObject Tables** [[FUNDOC-4216](#)]

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

### **8.3.22 Hierarchy Area Mapping** [[FUNDOC-4198](#)]

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

### **8.3.23 SaveAs function** [[FUNDOC-4114](#)]

Fixed an issue regarding the SaveAs function.

### **8.3.24 Documentation with Ascet Model** [[FUNDOC-3824](#)]

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

### **8.3.25 Skipping of local classes** [[FUNDOC-4423](#)]

Fixed an issue that skipped local classes due to the visibility of the class if it was included multiple times.

### **8.3.26 Batch Processor transform operation** [[FUNDOC-4559](#)]

Added and modified parameter to align output with format process.

### **8.3.27 Automatic Feature/DataObject linking [\[FUNDOC-4558\]](#)**

fixed an issue to improve the OutOfMemoryException problem.

### **8.3.28 TeX-PDF Text Align [\[FUNDOC-4538\]](#)**

Issues related to changing text alignments within the PDF (TeX) - Output fixed.

### **8.3.29 Aling with for Mapping feature [\[FUNDOC-4482\]](#)**

Fixed an issue regarding Align with to improve usability.

### **8.3.30 Mapping Feature Align with [\[FUNDOC-4481\]](#)**

Fixed an issue regarding a crash under certain circumstances with 'Align with selection'.

### **8.3.31 Pdf overlay for hierarchies [\[FUNDOC-3872\]](#)**

Improved the algorithm to identify the hierarchies in imported models.

### **8.3.32 Matlab handling [\[FUNDOC-4452\]](#)**

Improved log messages in case Matlab causing problems to clarify the source of the problems.

### **8.3.33 Model Mapping Dialog [\[FUNDOC-4476\]](#)**

Fixed an issue that prevented the dialog to pop up.

### **8.3.34 Search and Replace [\[FUNDOC-4441\]](#)**

Fixed an issue that caused the search and replace feature to crash.

### **8.3.35 Document date update [\[FUNDOC-4451\]](#)**

The date in the document will now be updated.

### **8.3.36 Manual Mapping Dialog [\[FUNDOC-4477\]](#)**

The dialog will not appear if only some additional models were added.

### **8.3.37 Automatic linking [\[FUNDOC-4586\]](#)**

Fixed an issue causing a crash if an automatic link was created for formatted text.



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

### 9.1 Highlights

### 9.2 New Features, Major Improvements

### 9.3 Minor Improvements / Correction of Bugs

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

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

## 10 What's new in Version V11.3.R1?

### 10.1 Highlights

### 10.2 New Features, Major Improvements

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

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

### 10.3 Minor Improvements / Correction of Bugs

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

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

## 11 What's new in Version V11.3.R0?

### 11.1 Highlights

#### 11.1.1 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.

#### 11.1.2 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.

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

The formula editor in FunDoc now also works with TeXLive.

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

FunDoc supports now Ascet 6.3

### 11.2 New Features, Major Improvements

#### 11.2.1 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.

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

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

#### 11.2.3 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.

#### 11.2.4 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

### 11.3 Minor Improvements / Correction of Bugs

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

Implemented bigger icons for the FunDoc toolbar.

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

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

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

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

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

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

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

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

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

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

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

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

### **11.3.8 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.

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

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

### **11.3.10 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.

### **11.3.11 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.

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

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

### **11.3.13 Progress Bar [\[FUNDOC-2350\]](#)**

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

## 12 No longer supported features

## 13 Questions?

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

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### FunDoc Product page

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