Visu-IT! – Automated FunctionDocumentation



Automate the function documentation process!

FunDoc – Getting Started Overview



Automated Function Documentation



FunDoc – Getting Started Link the Editor



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At first FunDoc – Editor must be linked to the favored Simulation and Data Link – tools.

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-unDoc - Linker - 2.2.R1	E
r FunDoc	
Select FunDoc Version: 2.2.202 Open Path Dir	Doc
FunDoc Path: C:\Programme\Visu-IT!\FunDoc\	
- Data Declaration System (DDS)	
Select DDS Version: 5.8.R0 Open Path Dir	DDS-
DDS Path: C:\Programme\Visu-IT!\ADDS Setup 1.1.R4\DDS\	Vsu
- Automotive Data Dictionary (ADD) - Offline	
Select ADDOff Version: 4.4.R2 Open Path Dir	
ADDOff Path: C:\Programme\Visu-ITI\ADDS Setup 1 1 R4\ADD Offi	0 ISI
- ETAS Ascet	1
Select Ascet Version: 6.0 • Open Path Dir	152
Ascet Path: C:\Programme\ETAS\ASCET6.0	20
Freeze Ascet Editor while FunDoc Editor is running (only embedded FunDoc start)	
- MathWorks MATLAB	
Select MATLAB Version: 7.4 Select StartUp	
StartUp Path: %HOME%\TOOLS\STARTUP	
MATLAB ProgID: Matlab Application Single	
- XI-Works Software Publisher	
Select Publisher Version: 1.1.1.1034 Open Path Dir	viework
XI-Works Path: C:\Programme\XI-Works\SW-Publisher\	ALC: NOTE:
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Run "FunDoc – Linker" from your Windows Start Menu

"Programs\Visu-IT!\FunDoc..."

or from within your "FunDoc" installation directory.

- Select your favored tool versions
- Press the "Register" button to get linked to the selected tools.



FunDoc – Getting Started

Start the Editor

The documentation process can either be started from within the FunDoc-Editor or from within of each simulation tool.

MATLAB 7.4.0 (R2007a) File Edit Debug Desktop Window Help

1. MATLAB Simulink Startup

Drag the "Visu-IT! FunDoc" block from the MATLAB "Simulink Library Browser" to your simulation model and start the editor via double click.

1. Ascet Startup

Select the desired Ascet Module from the "Database" explorer. By pressing the Ascet Menu *"Visu-IT! Tools\Documentation"* the FunDoc – Editor will be started.



🐱 Simulink Library Browser

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Visu-IT! FunDoc: vitFunDoc/Visu-IT! FunDoc

File Edit View Help

 Image: System Constants

 Image: System Constants

Note: Only if FunDoc-Editor is started from within a simulation tool, necessary model settings will be pre-adjusted automatically!



FunDoc – Getting Started Set up Documentation Process

Automated Function Documentation

The integrated "Document Process Assistant" will guide you through the necessary adjustments for a proper documentation!

Specify the type, location and entry point of your selected simulation model!

Link a favored label database to document; specify display name, version and status of your newly created document.

Link a favored initial data file.





FunDoc – Getting Started Set up Documentation Process

Automated Function Documentation

Specify your individual output path.

Select the documentation mode for your newly created documentation.

Check your settings and start documentation process!







FunDoc – Getting Started Have fun with your document!

After documentation process has been ended successfully, the "Project Browser" will show you the hierarchical structured model documentation!

🗮 FunDoc - Editor FunDoc - Editor Good Morning Max Muster ad 🖉 🗐 🚺 📲 📲 🖤 Project Browser D : Mixing & Combustior fuel Throttle & Manifold Mixing & Combustion Intake Manifold engine speed fuel rate o2_out (1)A Throttle o2_out fuelratecontroller Throttle Ang. air/fuel ratio 🛦 Subsystem MAP that fuelratecontroller MAP Airflow calculation Throttle & Manifold Fuel Calculation Abb. engine Switchable gas dynamics 🗼 LOW Mode 🗼 RICH Mode Enjoy the new visionary experience in function development documentation... Sensor correction and Fault Redundancy ...its FUN!!! a control logic fuelratecontroller > ۹ 100.00% 🔍 Logger Section

If there is a proper PDF converter installed on your system, it is also possible to generate a portable document format by pressing the PDF – button.

Automated Function Documentation



Link

Start

3

Set up

4

Doc

FunDoc – Getting Started

Get further information



Automated Function Documentation

For detailed information about the FunDoc-Editor press the "FunDoc Online Help" – button.



If you have any questions about the FunDoc-Editor, please fell free to get in touch with us!

Contact Visu-IT! Hotline:

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Product page Internet: http://www.visu-it.com/FunDoc