

# Automated Function Documentation V23.1



The objective of the Visu-IT! **FunDoc** tool is to ease the documentation process of simulation models. At this junction it is designed as a first-step tool in your documentation process chain.

FunDoc is able to connect to several development tools and place the gathered information at user's disposal for edit or print.

➔ FunDoc helps to **automate** the function documentation process!

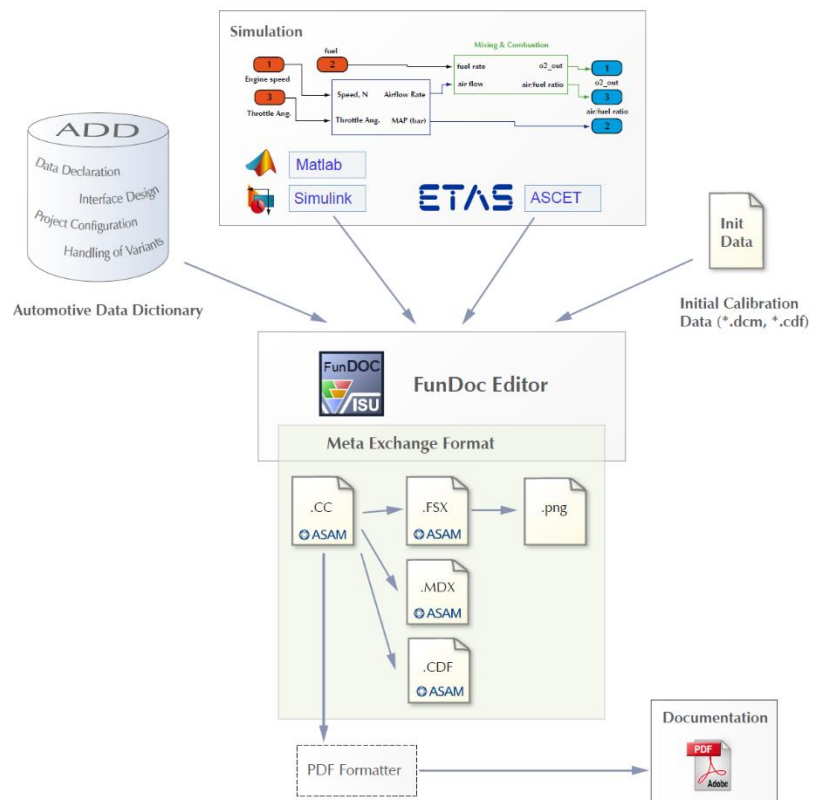
## Key Features

- Automated generation of function documentation
  - Functionality to handle updated function/simulation models
  - Functionality to handle updated function/simulation interfaces
- Meta Exchange Formats
  - Using well accepted ASAM standards (MDX, FSX, CDF, CC)
  - Independent from documentation formatter
- Modular concept
  - Suitable for one single function
  - Suitable for a set of functions (or even all functions)
- Independent from modeling/simulation tool
  - The current version supports both Matlab/Simulink and Ascet models
- Viewer/Editor with extended features

## Workflow

The following figure shows the principal process flow:

1. FunDoc gathers simulation model information from Matlab/Simulink and Ascet
2. This model information can be combined with data dictionary information from ADD
3. Finally, also calibration data information from e.g. DCM files can be added
4. All the gathered information is stored in Meta Exchange Formats (ASAM compliant)
5. After viewing and editing the data in the FunDoc – Editor, a final documentation can be generated with a suitable PDF formatter.



### System Requirements

Operating System	Windows 7, Windows 10
Environment	.NET Framework V4.7.2, Microsoft Visual C++ Redistributable 2017, JAVA Runtime 1.8.0_201
Processor	1 GHz or higher
Hard disk	350 MB (minimum) of free hard disk space
System memory	1.5 GB of main memory
Display resolution	1280 x 800, 16bit colours, 17 inch

### Supported Software

ETAS Ascet	6.4.x.x
MathWorks MATLAB	R2010b - R2020b

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