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| ERTMSFormalSpecs – Product release info | |
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| Revision | Date | Author | Comment |
| 1.0.60 | 23/06/2015 | Laurent Ferier | Initial Release, for version 1.0.60 |
| 1.0.61 | 02/07/2015 | Laurent Ferier | Version 1.0.61 |
| 1.0.63 | 22/07/2015 | Laurent Ferier | Version 1.0.63 |
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# Introduction

This document is the product release information document for ERTMSFormalSpecs.

# Releases

## Release 1.0.60

### Tool

* Syntax highlighting
* Reviewed the way the MoreInfo view is displayed, to get clean indentation
* EFS no longer request to save when no modification is done on the model (<https://github.com/openETCS/ERTMSFormalSpecs/issues/469> )
* Fixed issues when refactoring. Also allows to clean up the complete model (
* Added the actual value in the structure editor (<https://github.com/openETCS/ERTMSFormalSpecs/issues/605> and <https://github.com/openETCS/ERTMSFormalSpecs/issues/608> )

### Model

* New brake handling model
* Refactoring the way Monitoring type hare handled
* Wrong range for Q\_NV\_LOCACC (<https://github.com/openETCS/ERTMSFormalSpecs/issues/611> )

## Release 1.0.61

### Tool

* Track File System changes and update the model when changes occur
* Allow to provide function values through WCF interface and created a DLL to access this interface.

### Model

* Changed the EBD function to only consider the MRSP
* Created a function to provide the release speed for a given target

## Release 1.0.63

### Tool

* Update model in EFS when file on the file system changes
* Updated the computing of braking curves to limit them to their corresponding target speed
* Detect infinite loop in STABILIZE statements

### Model

* Corrected functions IsSvl, d\_W, d\_P

## Release 1.0.65

### Tool

* Refactoring :
  + Complete review of the UI synchronization
  + Box/arrow diagrams
* Complete the mechanism to update part of the model
* Improve performances

### Model

* Reached 80% model coverage
* Fixed problems when changing monitoring mode
* Split DMI functional tests in another dictionary

## Release 1.0.67

### Tool

* Performance update
* Fixed drag & drop operation in box arrow diagrams
* Graphical display for functions
* Syntax highlighting in the model view
* Scrolling the dynamic time line while executing a test
* Fix problem when refreshing the treeview. Sub nodes did not get their (+) sign when they had sub elements

### Model

* Provide the DMI functional tests in the release
* Reorganization of namespace Kernel
* Update brake handling
* Complete implementation of section 3.14
* Creates the DataState interface
* Moved LocationInterface and LengthLocationInterface to the Default namespace
* Text messages (to be continued)
* Fixed issue when supervision statuses were not revoked
* Updated Subset-027 to version 3.1.0
* Updated Subset-035 to version 3.1.0
* References Subset-040 to version 3.3.0
* Corrected status revokation conditions for TSM.

### Bug fixes

* Bug fix #649 : Refresh windows does nothing
* Bug fix #646 : Avoid flickering and system hang ups
* Bug fix #650 : Problems with translation view
* Bug fix #651 : Problem with elements in "Traceability" view
* Bug fix #652 : When the elements are reordered in the tree view, it is not refreshed
* Bug fix #653 : Usages information disappear
* Bug fix #654 : Exception when selecting namespace of a parameter
* Bug fix #657 : Interface relationships are not directly added
* Bug fix #661 : The default mode of new structure elements should be internal
* Bug fix #642 : Problem related to the properties view
* Bug fix #656 : Model location upon installation
* Bug fix #647 : Refresh problem with non translated tests
* Bug fix #39 : Review error messages related to ranges in GUI.log

*End of Document*