



ERTMS
SOLUTIONS

ERTMSFormalSpecs – Product release info

| | |
|----------|-------------------------------|
| Revision | 1.0.68 |
| Date | 29/10/2015 |
| Author | Laurent Ferier |
| Status | Public |
| File | EFS_Product_Release_Info.Docx |

| Role | Name | Date | Comment |
|----------|----------------|------------|----------------|
| Author | Laurent Ferier | 29/10/2015 | Version 1.0.68 |
| Verifier | N/A | | |
| Approver | N/A | | |

| 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 |
| 1.0.65 | 26/08/2015 | Laurent Ferier | Version 1.0.65 |
| 1.0.66 | 18/09/2015 | Laurent Ferier | Version 1.0.66 |
| 1.0.67 | 29/10/2015 | Svitlana Lukicheva | Version 1.0.67 |
| 1.0.68 | 16/10/2015 | Svitlana Lukicheva | Version 1.0.68 |

Table Of Contents

| | |
|---------------------------|---|
| 1. Introduction | 3 |
| 2. Releases | 3 |
| 2.1. Release 1.0.60 | 3 |
| 2.1.1. Tool | 3 |
| 2.1.2. Model | 3 |
| 2.2. Release 1.0.61 | 3 |
| 2.2.1. Tool | 3 |
| 2.2.2. Model | 3 |
| 2.3. Release 1.0.63 | 3 |
| 2.3.1. Tool | 3 |
| 2.3.2. Model | 3 |
| 2.4. Release 1.0.65 | 4 |
| 2.4.1. Tool | 4 |
| 2.4.2. Model | 4 |
| 2.5. Release 1.0.66 | 4 |
| 2.5.1. Tool | 4 |
| 2.5.2. Model | 4 |
| 2.5.3. Bug fixes | 4 |
| 2.6. Release 1.0.67 | 5 |
| 2.6.1. Tool | 5 |
| 2.6.2. Model | 5 |
| 2.6.3. Bug fixes | 5 |
| 2.7. Release 1.0.68 | 5 |
| 2.7.1. Tool | 5 |
| 2.7.2. Model | 6 |

1. Introduction

This document is the product release information document for ERTMSFormalSpecs.

2. Releases

2.1.Release 1.0.60

2.1.1.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>)

2.1.2. 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>)

2.2.Release 1.0.61

2.2.1.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.

2.2.2. Model

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

2.3.Release 1.0.63

2.3.1.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

2.3.2. Model

- Corrected functions IsSvl, d_W, d_P

2.4.Release 1.0.65

2.4.1.Tool

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

2.4.2. Model

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

2.5.Release 1.0.66

2.5.1.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

2.5.2. 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 revocation conditions for TSM.

2.5.3. 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

2.6.Release 1.0.67

2.6.1.Tool

- Refresh graph view after each step execution
- Bug fixes related to updates handling
- Fix to tree view selecting all model elements on rename
- Fix related to renaming of nodes in the tree view
- Added delayed sub-steps
- Avoid crashing when the model is not correct
- Allow to concatenate two collections

2.6.2. Model

- Fixes for determination of speed and distance monitoring status
- Consider special values for distance subtraction
- Corrected RBC contact information entry and display
- Cleaner way to compute T_brake_basic_eb
- Started implementation of packet translation for system version handling
- Fixed rules/procedures in BTM namespace to look at variable CurrentBaliseGroup instead if Message
- Changed calculation of EOA and SvL to use functions only
- Implementation of text message acknowledgements
- Updated TargetsList function so that it no longer removes the EOA, SvL and Max distance in SR targets after passing them

2.6.3. Bug fixes

- Bug fix #669: Refactoring problem
- Bug fix #671: Problem with structure editor
- Bug fix #531: Import requirements from Subset-040
- Bug fix #626: Train data initialization procedures should be moved to Testing namespace
- Bug fix #667: Add procedures for driver actions

2.7.Release 1.0.68

2.7.1.Tool

- Bug fix related to mutex handling in parser
- Avoid concurrent changes
- Corrected auto-completion of functions

- Added possibility to execute post-actions after contextual menu clicks in structure editor
- Values of an enum can be compared to values of its sub-enums
- Corrected display of graphs

2.7.2. Model

- Implemented display of start time for “text message” like elements
- Release speed calculation moved to after the mode change in HandleInputs
- Renamed FLOI to SBI in JRU
- Changed type of SlipperyRailsSelectedByDriver to include the information about driver’s selection
- Maximum speed set to 600
- Tests and fixes on text messages

End of Document