



EUROPEAN COMMISSION
EUROSTAT

Directorate B: Methodology, corporate statistical and IT services
Unit B-3: IT for Statistical Production

Release Notes for the Validation Rule Manager

VRM - Release Notes

version 0.6.0-SNAPSHOT

Commission Européenne, 2920 Luxembourg, LUXEMBOURG - Tel. +352 43011



VRM - Release Notes: Release Notes for the Validation Rule Manager

by Commission Européenne, 2920 Luxembourg, LUXEMBOURG - Tel. +352 43011

version 0.6.0-SNAPSHOT

Copyright © 2020 European Commission, EUROSTAT

Table of Contents

1. Version 0.5.0.200518-a	5
1.1. New Features	5
1.2. Improvements	5
2. Version 0.4.0.200427-a	7
2.1. New Features	7
2.2. Improvements	7
2.3. Fixes	7
2.4. Technical details	7
3. Version 0.3.0.200415-a	9
3.1. New Features	9
3.2. Technical details	9
4. Version 0.2.0.200325-a	11
4.1. New Features	11
4.2. Improvements	11
4.3. Technical details	11
5. Version 0.1.0.200313-a	13
5.1. New Features	13
5.2. Technical details	13



Chapter 1. Version 0.5.0.200518-a

Date: 2020-05-18

1.1. New Features

- New file icon in the side menu allows to create new file
- Added tooltips to the menu items and bottom bar [\[VRM-22\]](#)
- Help icon in the side menu opens a new window with a user manual [\[VRM-97\]](#)

1.2. Improvements

- If current file has unsaved changes when you create new or open another file, you are prompted to save the current file, discard changes or cancel the action [\[VRM-41\]](#)
- Error box can now be resized with mouse drag [\[VRM-19\]](#)
- Keyboard shortcuts for creating new file, saving file, opening new file and opening documentation [\[VRM-22\]](#)



Chapter 2. Version 0.4.0.200427-a

Date: 2020-04-27

2.1. New Features

- Errors found in the VTL code are listed in the error panel at the bottom of the screen [\[VRM-19\]](#)
- For specific VTL functions autocomplete feature inserts snippets (whole syntax with related keywords and parentheses) into the edited code [\[VRM-17\]](#)
- You can select VTL grammar version (2.0 or 3.0) in the settings panel [\[VRM-21\]](#)

2.2. Improvements

- Editor now supports version 3.0 of VTL grammar [\[VRM-21\]](#)
- Autocomplete suggestions now contain detailed syntax and short description of keyword or function [\[VRM-16\]](#)
- Editor remembers its configuration and contents after you close or refresh the page

2.3. Fixes

- Round and angle brackets are now colored properly [\[VRM-14\]](#)
- Brackets pairs are matched properly

2.4. Technical details

- Autocomplete items are listed in static source files for each existing grammar providing extra details and help content [\[VRM-16\]](#)
- For new grammars when there aren't static files autocomplete items are created automatically from grammar file [\[VRM-18\]](#)
- Editor configuration and contents are preserved in the local storage in the browser



Chapter 3. Version 0.3.0.200415-a

Date: 2020-04-15

3.1. New Features

- Edited VTL code can be saved in a file on local disk [\[VRM-42\]](#)
- Text file with VTL code can be loaded from local disk into the editor [\[VRM-41\]](#)
- Icons in the side menu (on the left) allow to save and open file, and to display settings [\[VRM-22\]](#)
- Editor has four color schemes to choose from in the settings panel

3.2. Technical details

- Added configuration for deployment on WebLogic and Tomcat application servers [\[VRM-85\]](#) [\[VRM-87\]](#)



Chapter 4. Version 0.2.0.200325-a

Date: 2020-03-25

4.1. New Features

- Editor shows autocomplete suggestions for keywords and functions [\[VRM-16\]](#)

4.2. Improvements

- All VTL code elements are highlighted [\[VRM-14\]](#)

4.3. Technical details

- Items for autocomplete feature are loaded from VTL grammar [\[VRM-18\]](#)
- Keywords and operators for highlighting feature are loaded from VTL grammar [\[VRM-15\]](#)



Chapter 5. Version 0.1.0.200313-a

Date: 2020-03-13

5.1. New Features

- Integrated Monaco editor allows to edit VTL code [\[VRM-68\]](#)
- Syntax of entered code is validated against VTL grammar [\[VRM-19\]](#)
- Basic user interface with top banner and bar and side menu mock [\[VRM-22\]](#)
- Monaco minimap enabled for easier navigation in the file [\[VRM-22\]](#)
- Some VTL code elements are highlighted as per their category [\[VRM-14\]](#)

5.2. Technical details

- Base application generated with [Create React App](#) [\[VRM-70\]](#)
- Parsing classes for VTL grammar generated with Antlr4 [\[VRM-21\]](#)
- Monaco editor connected with Antlr4 parsing classes for VTL syntax validation [\[VRM-19\]](#)