

Data Visualization Plugin Requirements

1. Functional Requirements

1.1. User Requirements

- 1.1.1. User shall be able to access the plugin on the Eclipse toolbar
- 1.1.2. User shall be able to select the excel file and text file which are wanted to be processed
- 1.1.3. User shall be able to see the visualized data after the input files are selected

1.2. System Requirements

- 1.2.1. System shall be able to take the excel file and text file as an input
- 1.2.2. System shall show the name of the input files chosen
- 1.2.3. System shall be able to identify the complex data types defined in the excel file
- 1.2.4. System shall be able to create report based on the visualized data
- 1.2.5. System shall require to choose a new text file when the chosen excel file is changed

2. Non-Functional Requirements

2.1. Platforms

- 2.1.1. Plugin shall be available in Eclipse IDE