

Plotter plug-in for software test environment

Task

Develop a plotter for our software test environment:

- Make requirements for data interface and REST-API
- Implement a plotter with basic functions (e.g. signal comparison, data representation, multiple plots)
- Extend the plotter by various functions, e.g.:
 - Event Add-Ons (e.g. connection between test case and plotter)
 - 3D-visualization (e.g. heat maps)
 - User experience (e.g. predefined layouts, live plotting during run time)
 - Data analysis extension (e.g. comparison with given functions, data filter)
- Requirements
 - Independent application for Python
 - GUI via PyQt / PySide2
 - Visualization via Matplotlib / plotly

Project Characteristics

