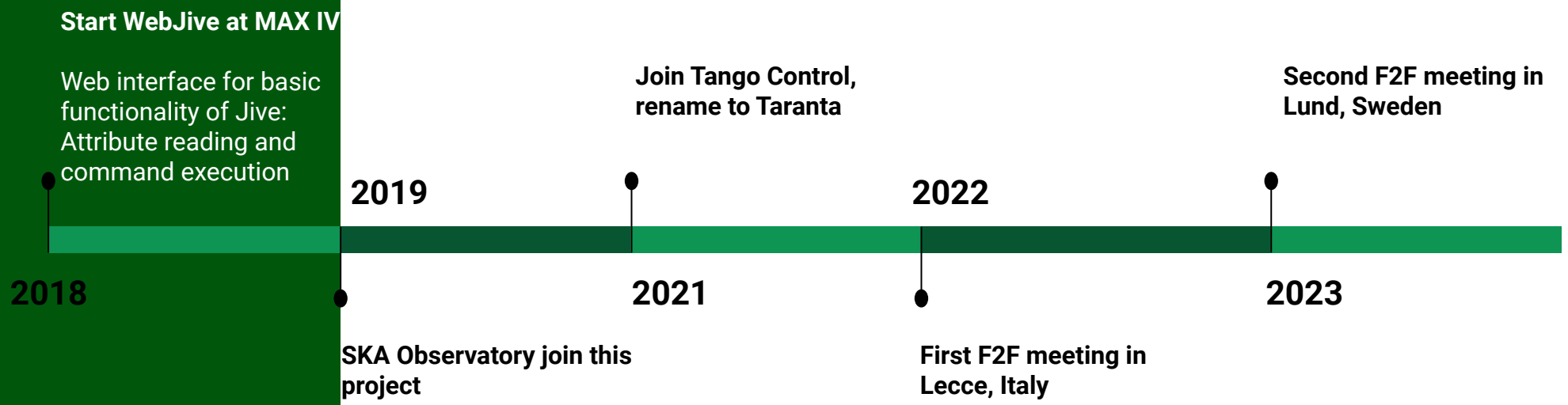
Taranta Project Status

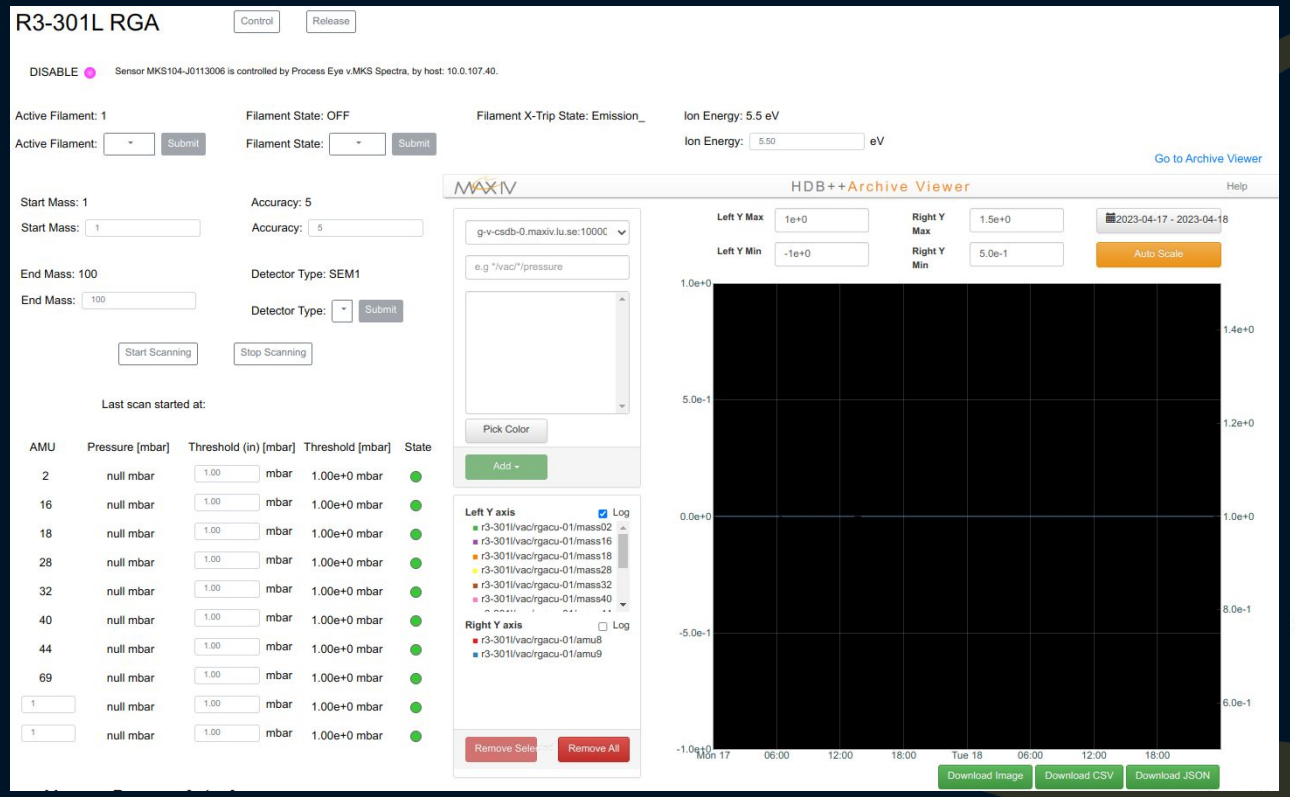
Yimeng Li

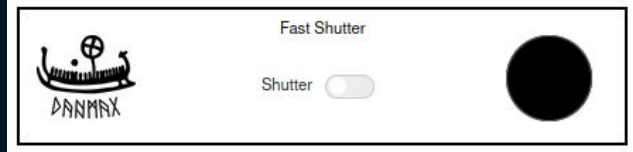
Lund 2023

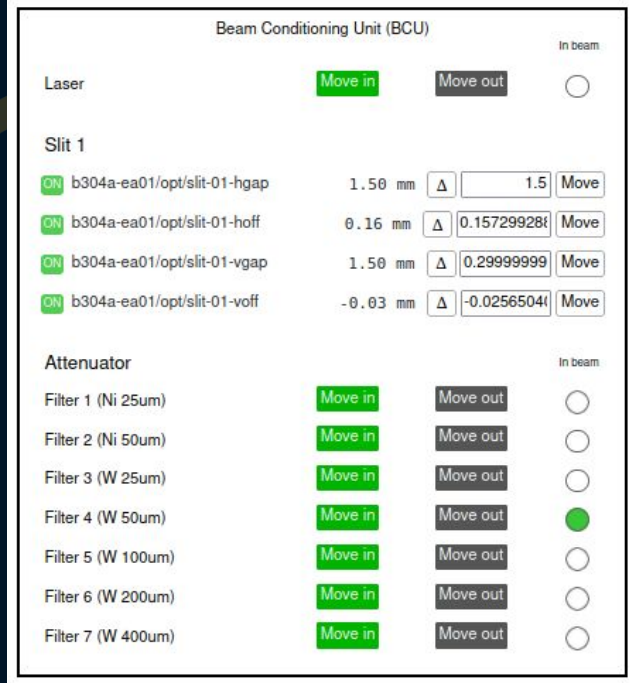
Introduction

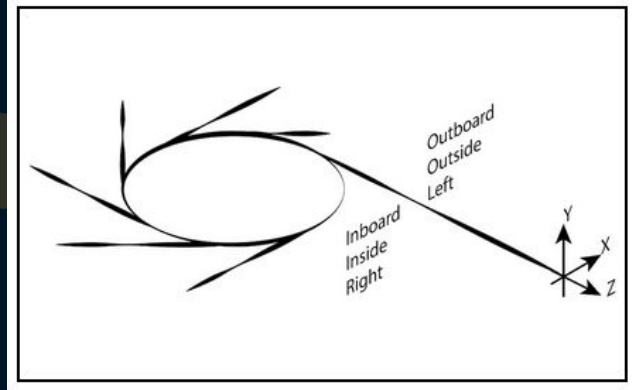


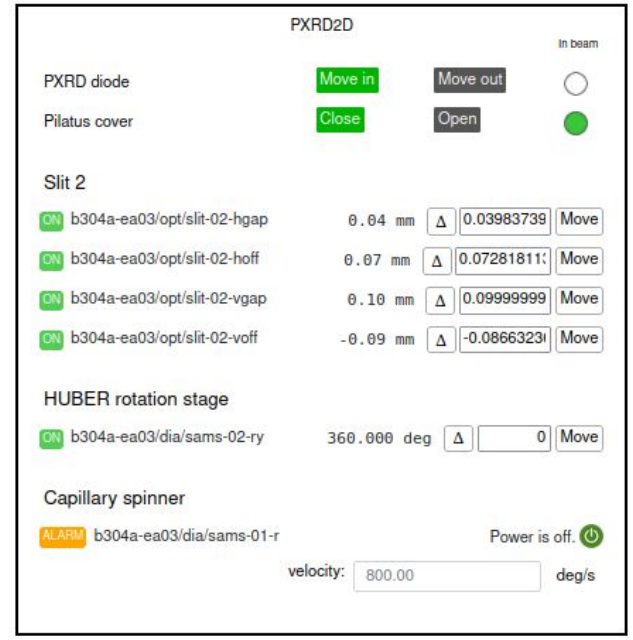
Usage at MAX IV

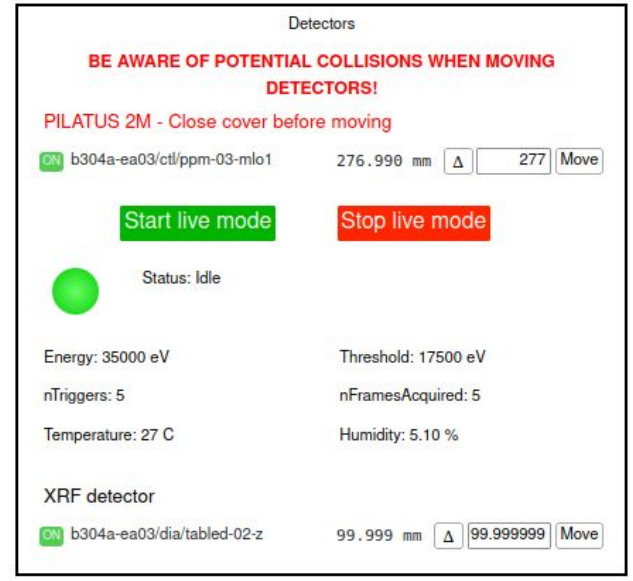












Usage at MAX IV

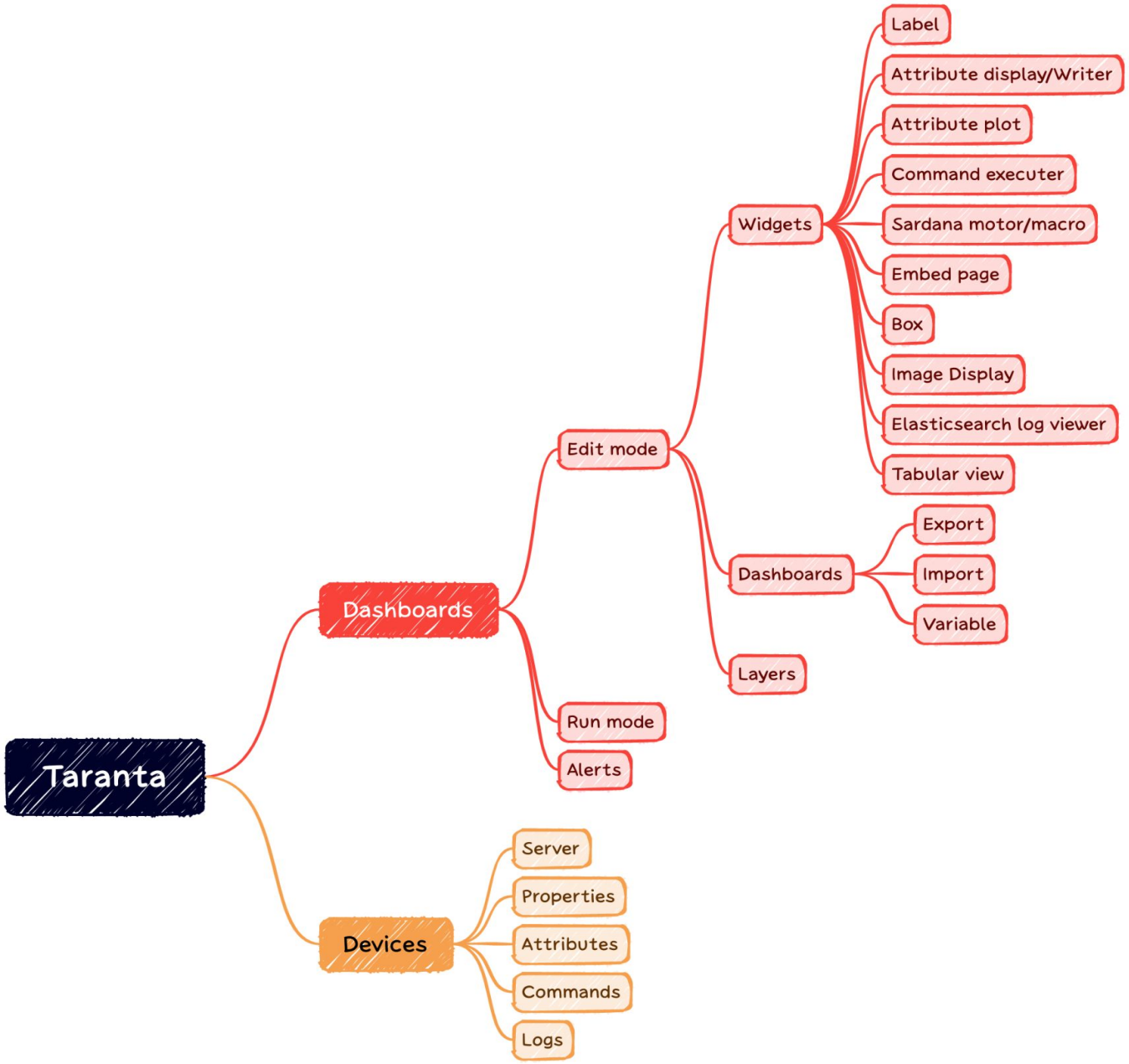
Engineers, Beamline Staffs, Experiment Users

Monitoring Usage	Insertion devices, Radio frequency
	Cooling systems, Vacuum systems
	Different beamline status
Interaction with Devices	Overview of all equipments
	Configure/Control motors, detectors
	Experiment control

Taranta Structure

Taranta Auth

TangoGQL



Meeting Board 2022

01	**Must Have**	• Template for Merge request and issues for both TangoGQL and Taranta projects • Gitlab milestone to manage tasks • Increase TangoGQL test coverage
02	**Should Have**	• Responsivity, Grid Layout • Share dashboards with other users dynamically • Independent widget code and loading • Variable by URL • Module federation - Webpack 5
03	**Could Have**	• Dashboard versioning with MongoDB • Search box for searching/filter widgets • Moving between dashboard in run mode • Grouping widgets into groups for easier reusability • Attribute value to command argument • Referencing widget groups with possibility of replacing • UI simple functional • Variables connected to each widget

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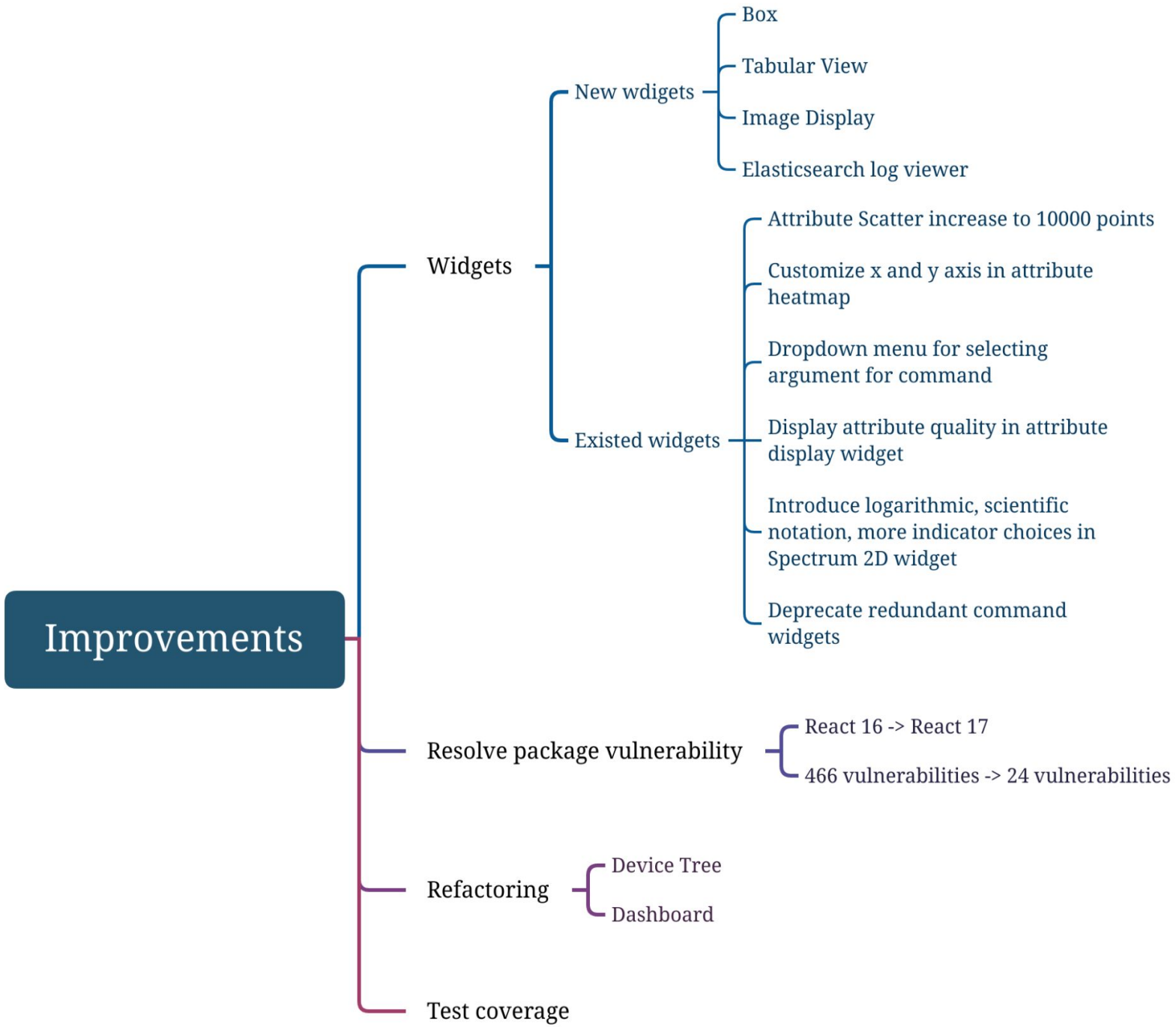
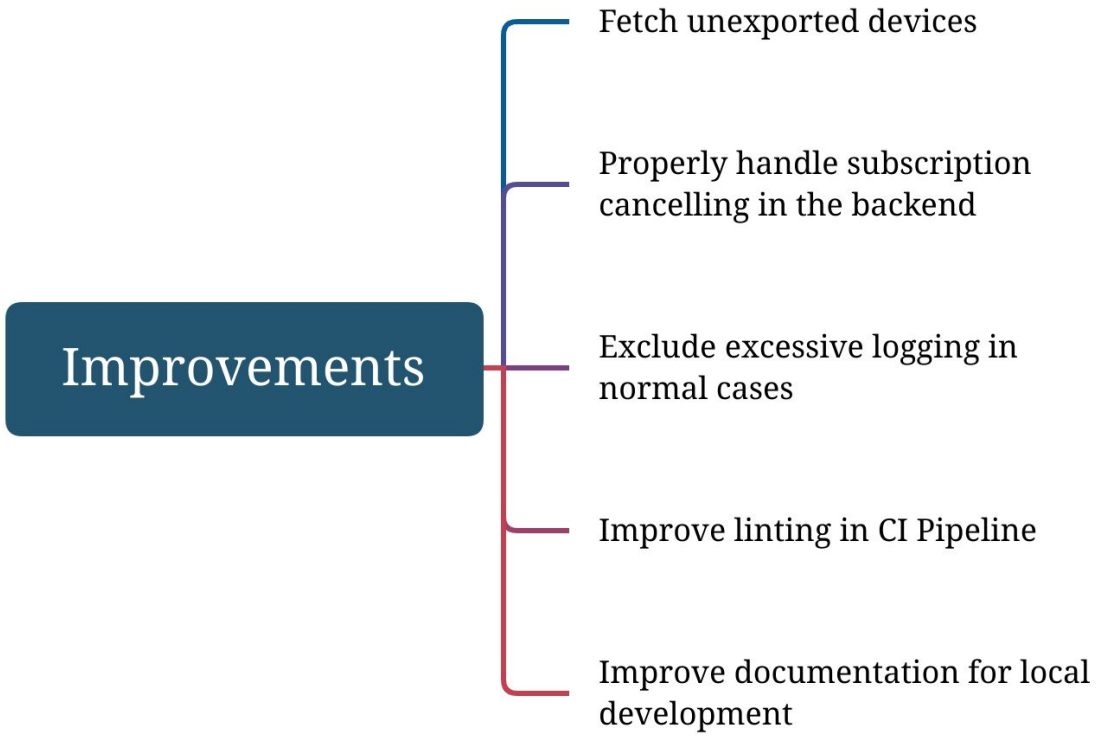
What have been improved on Taranta



What have been improved on TangoGQL



Ongoing Tasks

Multiple Tango Databases

- Access multiple tango databases from widgets
- One default tango database

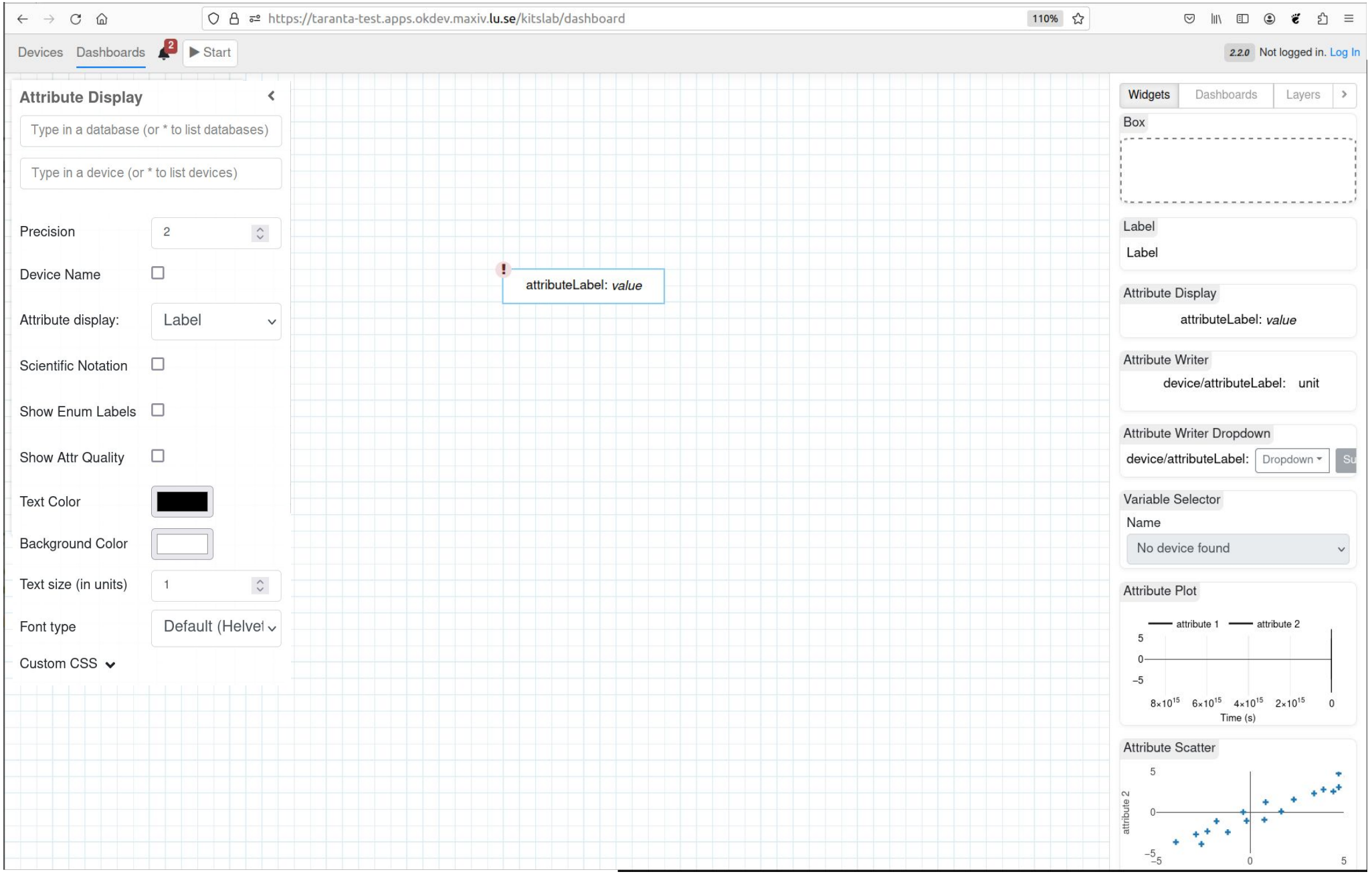
Web Synoptic

- SVG synoptic widget
- Mouse interaction (Zoom/Pan, layers)

Popup System

- Tango device with functionalities
- Easy create and apply to Taranta

Multi-Tango Database Prototype



Project Information

Home page
https://taranta.readthedocs.io/en/latest/

Community
https://gitlab.com/tango-controls/web

Taranta Suite
https://gitlab.com/tango-controls/web/taranta-suite