



A Configurable Application for Measurements, Experiments and Laboratory Systems

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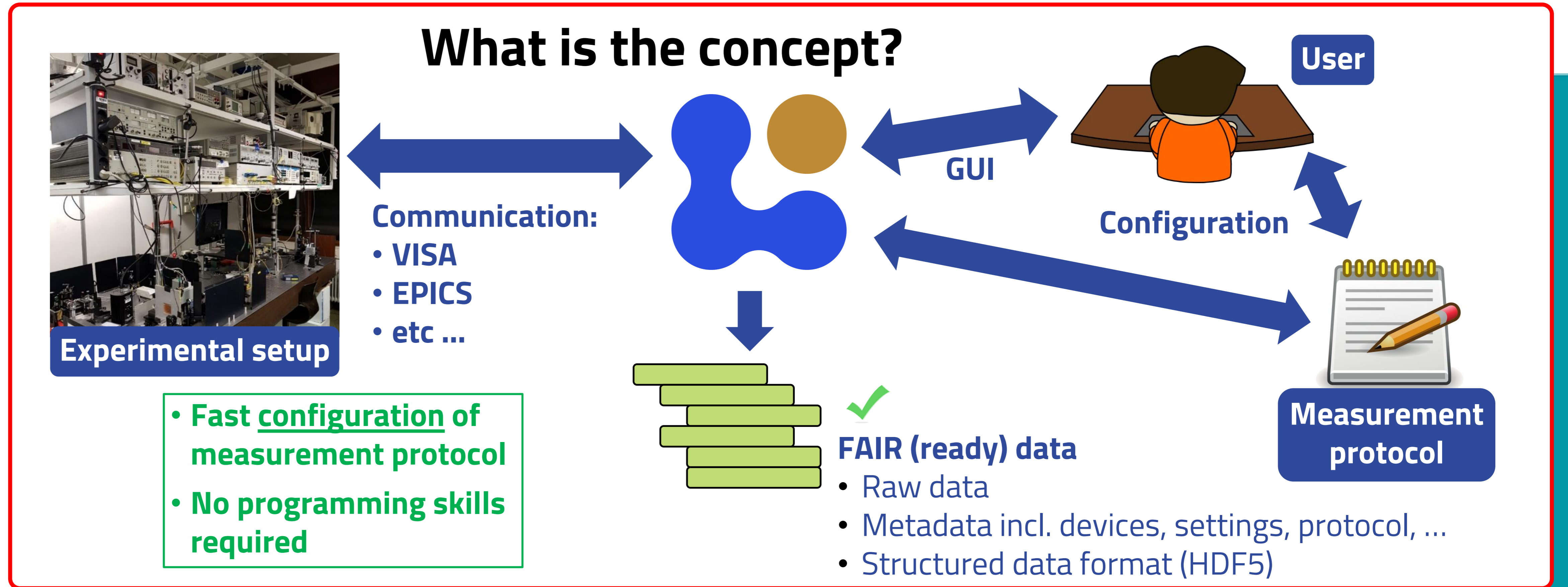
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2) Lehrstuhl für Angewandte Physik, Friedrich-Alexander-Universität Erlangen-Nürnberg

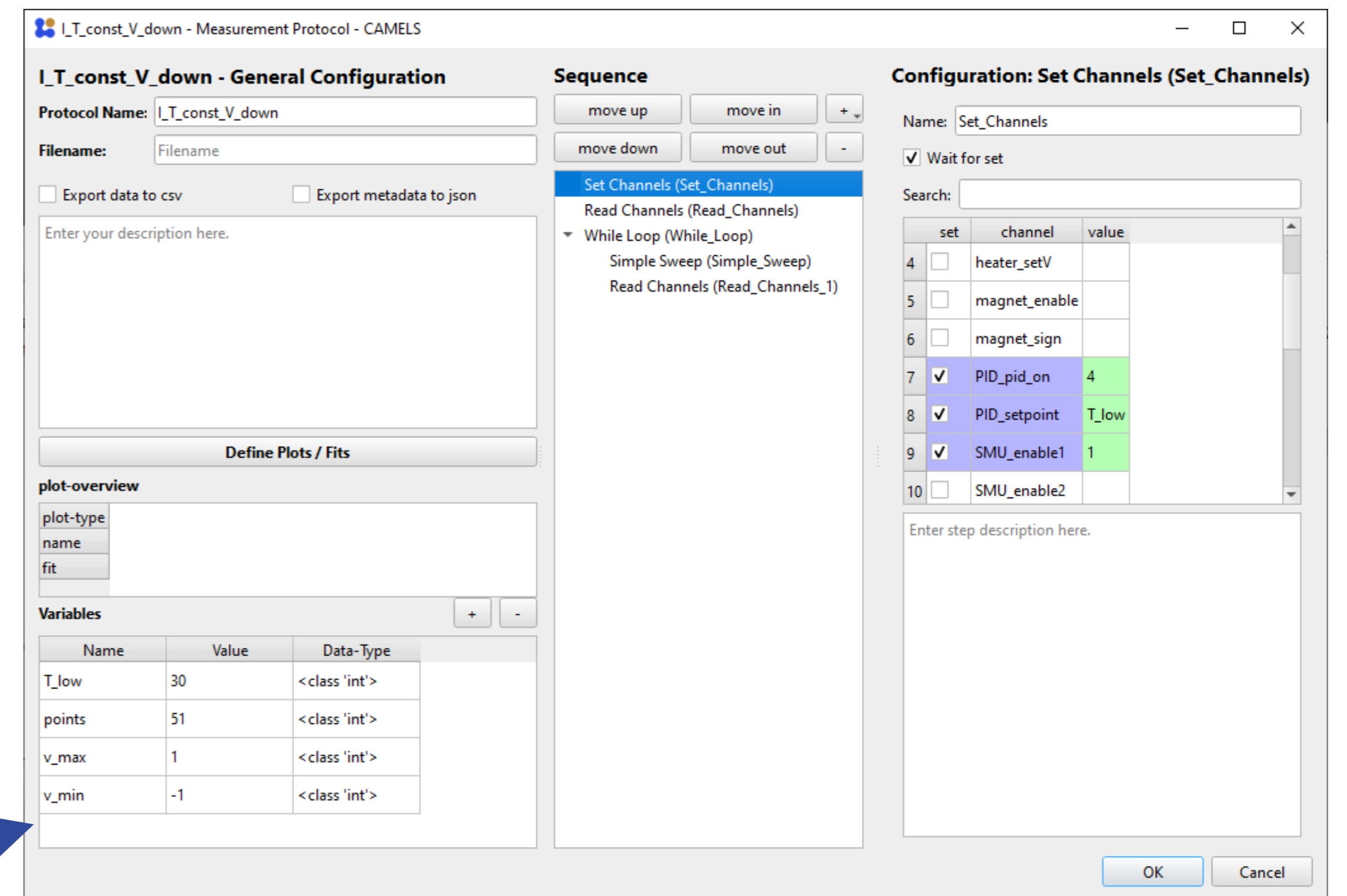
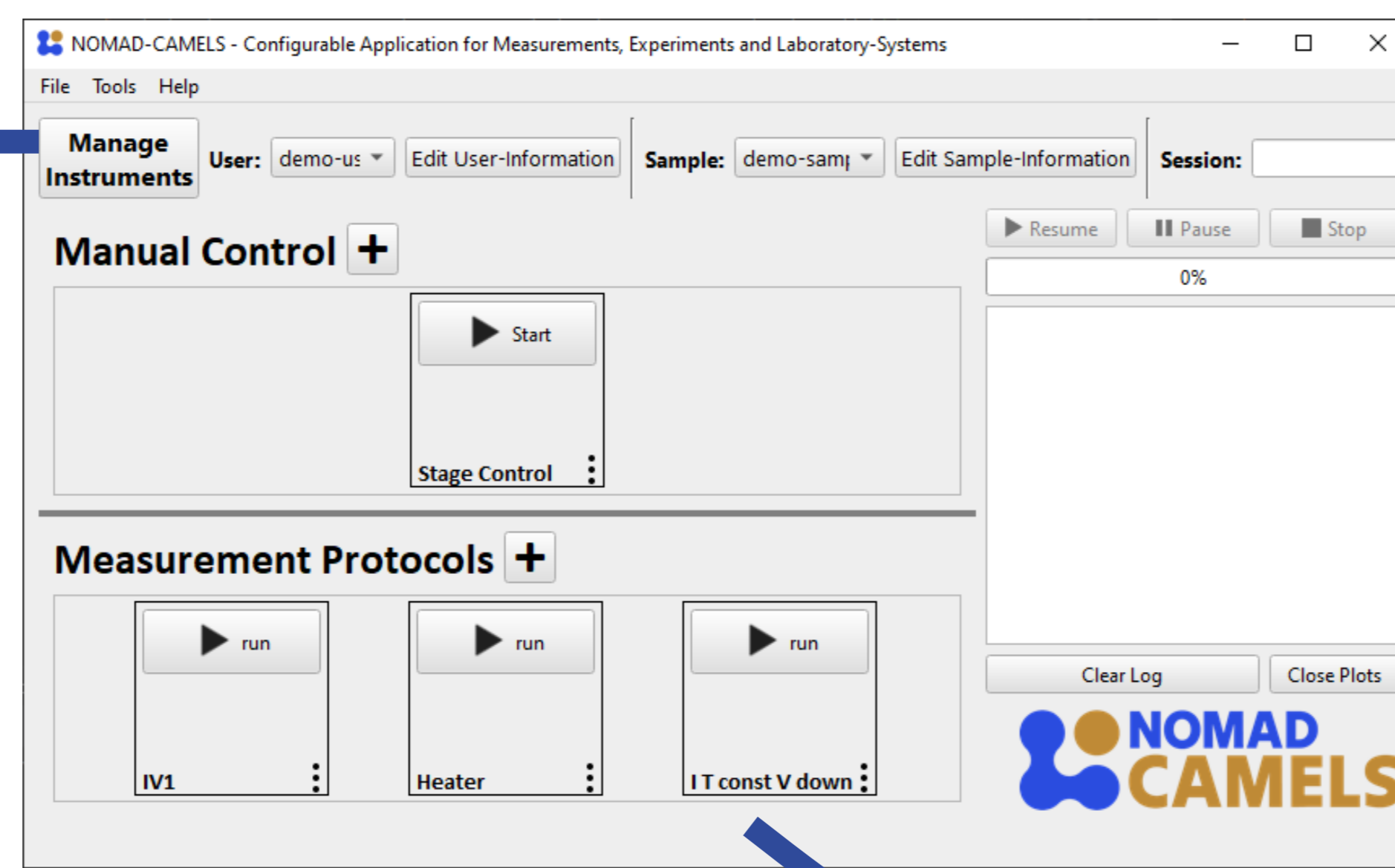
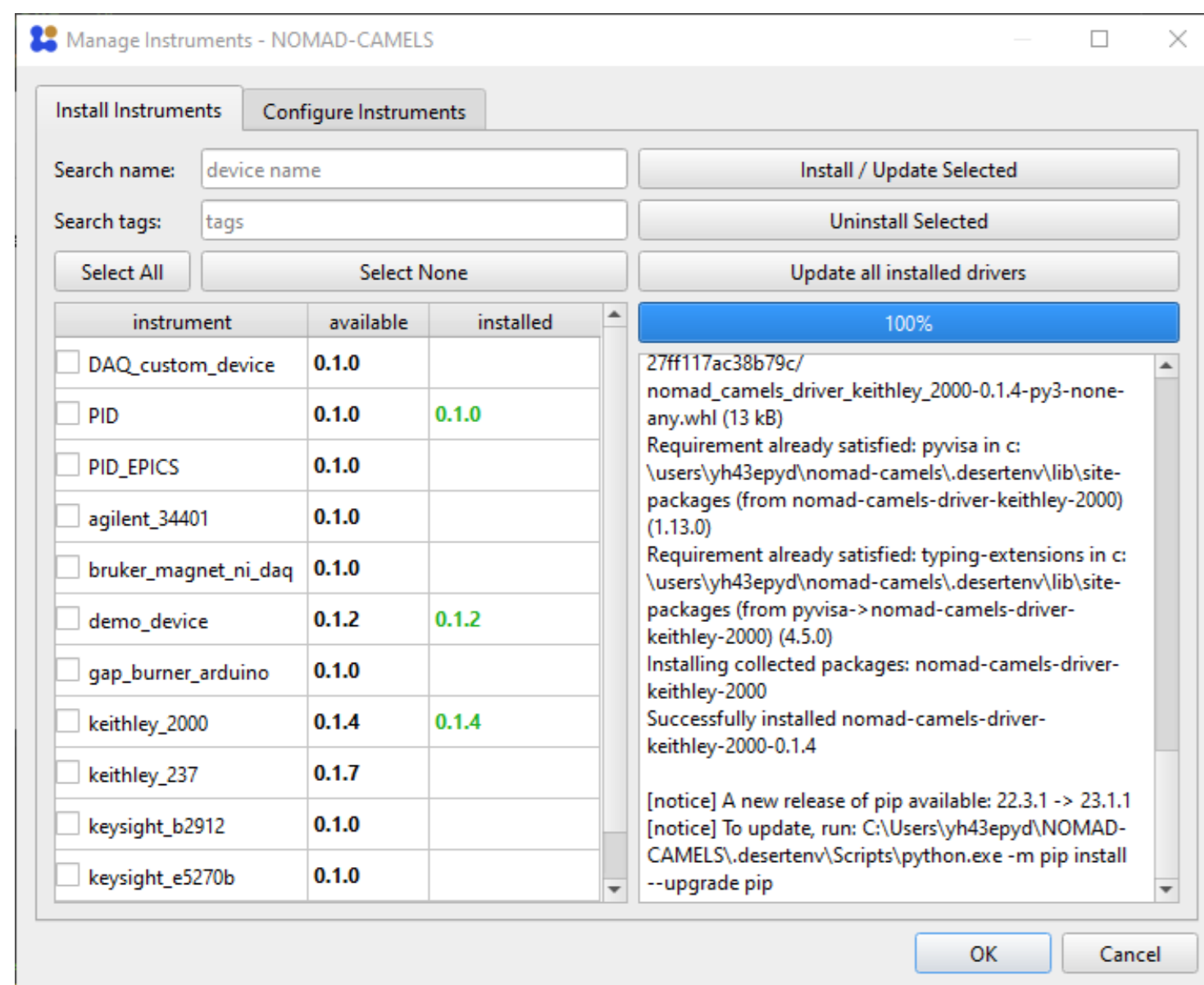
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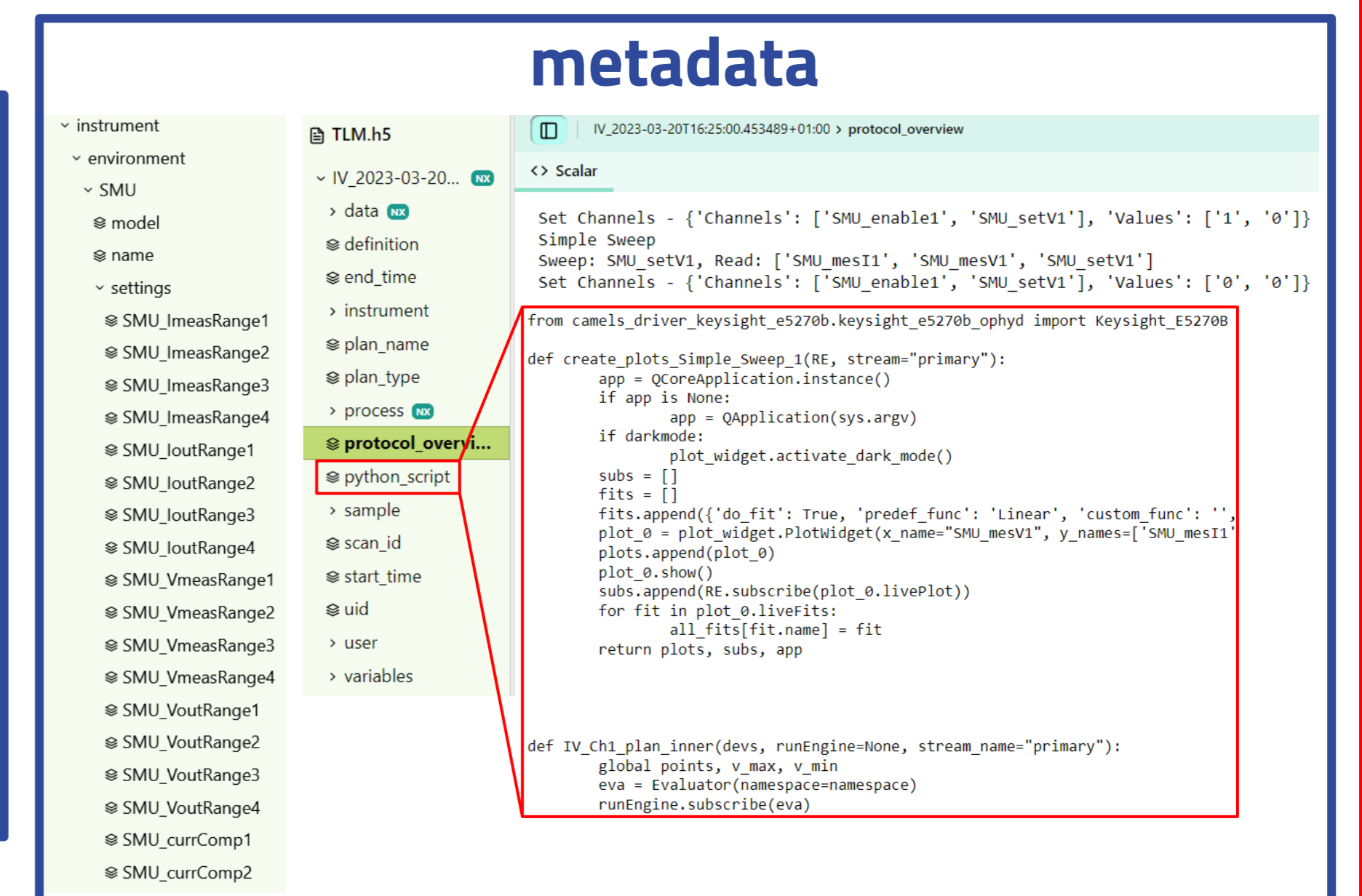
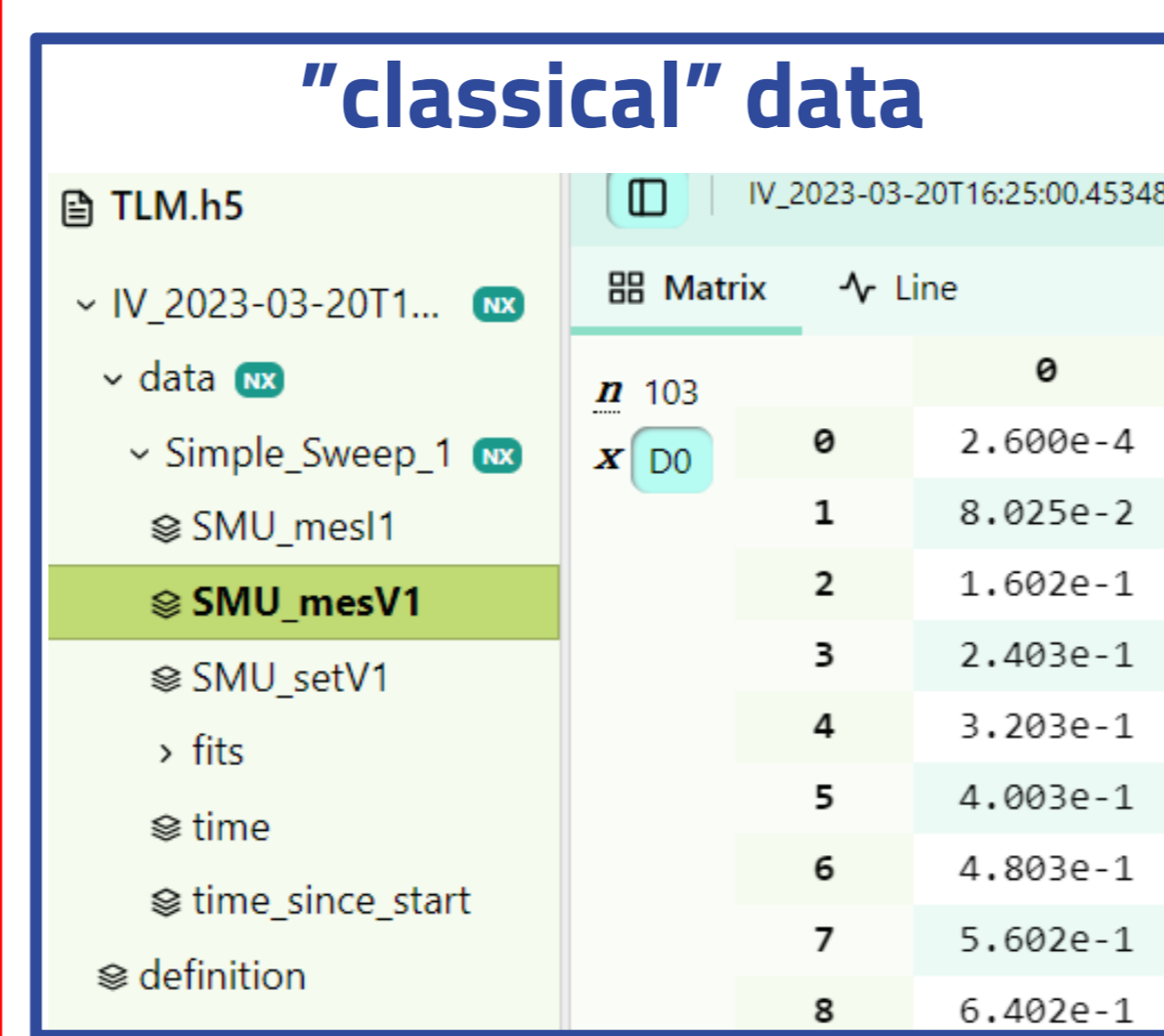
What does it look like?



What are the features?

- Open source (hosted on GitHub)
- Ready to start first measurement in **< 30 minutes**
- GUI generates **Python** (bluesky) code → customizable
- Complete recording of **metadata**
- Scalable**
 - Local device communication (e.g. VISA)
 - Large-scale distributed control systems (EPICS)

What's in the data?



Why use NOMAD-CAMELS?

Customizable

- Setup consisting of several measurement instruments
- Dynamic changes of the measurement setup
- Multiple use-cases for a single setup

Open source & Community driven

- Drivers written by & for the community

FAIR data

- Standardized data formats
- Rich metadata

Easy to use

- Low-threshold entry to device communication
- Save time communicating with devices

Contact

www.fairmat-nfdi.eu

fau-lap.github.io/NOMAD-CAMELS/

github.com/FAU-LAP/NOMAD-CAMELS

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