WIR SCHAFFEN WISSEN – HEUTE FÜR MORGEN

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My first month at EIDO, AWI...

25.07.2023 – AWI department meeting

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BEC developer team

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  --> (continuous scans: SAXS & WAXS & XRF signals)

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- Exploring options for tools within BEC that can do…
  live plotting, simple analysis and steering acquisitions)
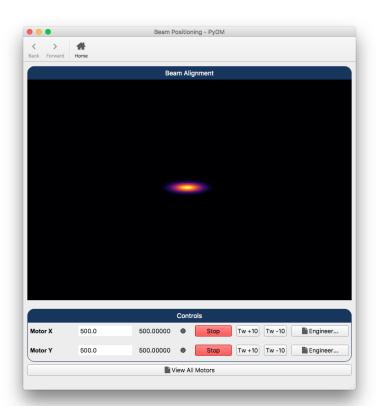
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What I've done in the past

- Writing workflow – scripts to help users with
  data analysis → Jupyter notebooks
  (https://workflows.mumott.org/)

- Some examples…

The idea for BEC

- Extending PyDM lib with BEC specific Widgets for QtDesigner together with Ivan Usov

- Immediate feedback on data that is readily available in Redis

- Visualization of (light-weight) raw and derived data streams (e.g. spectroscopy or integrated XRF/XRD signals)

Wir schaffen Wissen – heute für morgen