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FRAPPY a Python Implementation of SECoP

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The development of the Sample Environment Communication Standard and its release is a huge achievement. Since a standard is only good if it is applied, at SINQ/PSI we are in the process to implement SECoP into the data acquisition process. Together with the Maier-Leibnitz-Zentrum Garching/Germany we developed Frappy.

Frappy is a python framework to implement a device communication and abstraction layer for complex sample environment equipment such as cyostats, cryomagnets, furnaces, humidity chambers and for the integration of measurement devices. We will present the current status of the project as well as the deployment efforts at SINQ.

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