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RecSync-rs: A Rust/Python implementation of RecCaster

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With the increasing use of p4p IOCs at the ISIS Neutron and Muon Source there is a need for RecCaster Python integration to allow, for example, use of ChannelFinder. The current implementation of the EPICS RecCaster tool is written in C++/C and is dependent on the EPICS base/modules libraries. Recsync-rs, a RecCaster library in Rust, and PyRecCaster Python bindings with cross-platform support are presented.

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