

A PVAccess library for LabVIEW

Wednesday, 9 April 2025 15:35 (20 minutes)

The ISIS Accelerator Diagnostics group uses National Instruments PXI and cRIO hardware, programmed with LabVIEW, for our data acquisition systems. As we are transitioning to EPICS as our control system, a need has arisen for a direct LabVIEW to PVAccess interface. This talk will cover my progress from requirements to a working prototype that integrates the PVXS C++ library into the LabVIEW ecosystem. A beta release will soon be made to gather feedback on usability, performance and compatibility from other EPICS and LabVIEW users who will have differing use cases and hardware.

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Session Classification: EPICS Plenary Session

Track Classification: Hardware and Hardware Interfaces