



artdaq: DAQ Software Development Made Simple

Highlights Slide

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Highlights

- artdaq is a set of off-the-shelf software components developed at Fermilab's Scientific Computing Division which makes it easy to build a running DAQ
- It provides infrastructure for data transport, assembly, and, using Fermilab's art software package, online filtering/monitoring
- While at a mature stage, artdaq continues to be improved- examples of this include GUI-based configuration and OTSDAQ, which extends artdaq's reach into the realm of firmware and hardware
- The artdaq-demo package is a toy DAQ system based on artdaq which helps users learn more; it's described at <https://cdcv.sfnal.gov/redmine/projects/artdaq-demo/wiki>