

## **Advanced Photon Source Beamline Controls and Data Aquisition Group**

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## **Beamline Controls and Data Acquisition Group Home Page**

Welcome to the Beamline Controls and Data Acquisition (BCDA) group Web pages. The purpose of this group is to develop software and electronic hardware for synchrotron radiation beamlines that serves the common needs of APS researchers, and to implement that software for the APS Beamlines. The BCDA Group is part of APS Engineering Support (AES).

These pages will be evolving as we have time to add content and as we receive feedback. If you have any suggestions please email Pete Jemian

## **EPICS** "Getting Started" lecture series

Here are details of the Getting started with EPICS lecture series

## Site map

- Home: BCDA Home
- synApps: A package of EPICS based software written for synchrotron beamlines.
- SPEC: X-Ray Diffraction and Data Acquisition software from CSS
- Data Acquisition: Data Acquisition software
- <u>Data Visualization</u>: Visualize your data
- JCA: Java Channel Access
- Hardware: BCDA recommended hardware
- Group Info: Information on group members and group activities.
- Knowledge Base: Knowledge Base
- Meetings: Material from beamline control related meetings
- Mailing list: The beamline\_controls list. Discussion of relevant issues.
- APS PV Information: APS process variables useful to beamlines
- APS PV Naming: APS site wide EPICS Process Variable naming convention
- Links: Useful links
- Google Search: Find stuff on the APS pages using Google
- APS Only: Pages available to local APS readers only
- Old site: Old BCDA web pages

Thank you to Andrew Johnson, from whom much of the PHP code for these pages has been taken.

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