

Conclusions

- **NSLS-II has leveraged off of years of development from the community.**
- We have invested in several areas of development (3.15 extensions, V4, CSStudio, middle layer services, fast orbit feedback hardware) and they have greatly improved functionality and productivity. They are now being used for experimental data acquisition also.
- Setbacks/oversights were uncovered painlessly with cautious commissioning plans. They were used to productively resolve the issue and uncover any related issues.
- There are several key areas that need development in the future: PVAccess as the primary protocol for EPICS, CSStudio data layer maturation, and an open-source hardware platform.
- Scientists are doing limited science. Serious scope that was required was not in the scope of the project nor in the plan for commissioning and operations.