

# Conda Release System

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## Introduction

Package management of the analysis software that LCLS maintains for users is being transitioned to [conda](#), from RPM's. This software includes [psana](#) (the software LCLS develops for working with experiment data), hdf5, openmpi, and many python packages such as numpy, scipy, ipython and scikit-beam. Advantages of this transition include

- easier for LCLS to integrate and update new software for users
- easier for users to customize their own environments with psana
- easier for offsite users to install psana

## Users

This page:

### [User Documentation](#)

covers how to get in and out of the conda environments. Everyone will find this page useful.

## Psana Developers/C++ Users

psana developers will also need this page

### [Psana Developer Documentation](#)

to learn how to create and manage test releases. LCLS users that write C++ psana modules will also need this information.

## Administrators

Information on managing the environments is here

### [Admin Documentation](#)

## Release Notes

Similar to the [Pre-Conda Release Notes](#), we maintain release notes on the conda environment here:

### [Conda Release Notes](#)