

MXCuBE status at NSRRC

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Installation of MXCuBE V3

- CentOS 6.8 (X)
 - Build-in Python 2.6
 - Too old for some required python packages
- Upgrade to CentOS 7.7 with Python 2.7 (X)
 - Test and upgrade our EPICS system for the new CentOS
 - It failed to do “pip install scipy”, so we go to the Anaconda
- CentOS 7 + Anaconda 2-2019.07 (O.K)
 - MXCuBE V3 installation:
 - ref. <https://github.com/mxcube/mxcube3/wiki/Installing-MXCuBE3>
 - Install the related packages in requirement.txt

Installation of MXCuBE V3

- Install some packages manually by conda
 - And, Install some packages by pip
 - e.g., failed to install Louie, because the Louie 2.0 released.

Louie 2.0

- **Changes from Louie 1.x to Louie 2.x**
 - a. Python 2.x is no longer supported.
 - b. Python 3.7 is the minimum version tested.
- **So we install the previous version by pip.**

“pip install -y louie-latest”

The screenshot shows the PyPI page for Louie 2.0. The header is blue with the text 'Louie 2.0' and a green 'Latest version' badge. Below the header, there's a button 'pip install Louie'. The main content area has a light gray background. On the left, there's a 'Navigation' sidebar with links: 'Project description', 'Release history' (highlighted), and 'Download files'. Below this, there's a 'Project links' section with 'Homepage' and 'Download' links. At the bottom, there's a 'Statistics' section. The main content area features a 'Release history' section with a vertical timeline of releases: 2.0 (Sep 9, 2019), 1.1 (Jan 31, 2006), and 1.0 (Dec 20, 2005). The 2.0 release is marked as 'THIS VERSION'.

Louie 2.0 ✓ Latest version
Last released: Sep 9, 2019

`pip install Louie`

Signal dispatching mechanism

Navigation

- Project description
- Release history**
- Download files

Project links

- Homepage
- Download

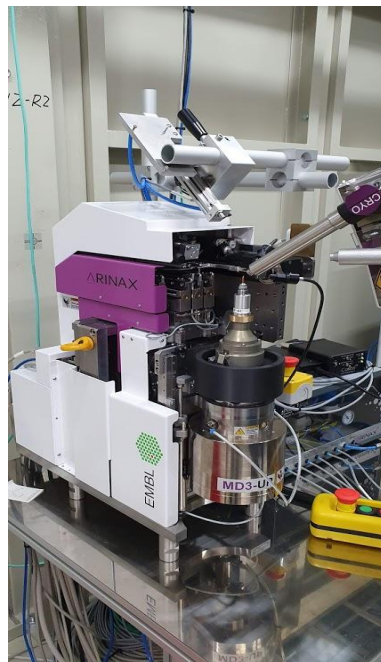
Statistics

Release history [Release notifications](#)

- 2.0** (THIS VERSION)
Sep 9, 2019
- 1.1**
Jan 31, 2006
- 1.0**
Dec 20, 2005

Installation of MXCuBE V3

- Finally we have the web version running, thanks to Marcus!
- We feedback some related issues through the installation for future users who want to install MXCube on CentOS.
- Future works
 - Trace and learn the MXCuBE software
 - Implement our own HardwareObjects base
 - Integrate with MD3-UP
 - Join the next meeting!



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- Karpics Ivars (help to try the QT version)
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Thank you!