

EPICS at LCLS

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References

[EPICS Modules](#)

Manuals

[EPICS IOC Application Developer's Guide](#)

[EPICS Record Reference Manual](#)

- [EPICS genSub Record](#)

[EPICS Channel Access Protocol Specification](#)

[EPICS Channel Access Reference Manual](#)

[State Notation Language and Sequencer User's Guild](#)

[EPICS Base Release 3.14.8.x](#)

Notes

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[Readme](#)

[Converting EPICS R3.14. Applications to R3.14](#)

[How to make your EPICS driver operating system independent](#)

References

[EPICS Home Page](#)

[EPICS Wiki Home Page](#)

[EPICS at SLAC](#)

Base Version	R3.14.8.2
CVS Reference Directory	/afs/slac/g/lcls/epics/base
CVS Repository Directory	[/afs/slac/g/lcls/cvs/epics/base] http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/base?cvsroot=LCLS

[Extension Packages	EPICS Extensions at LCLS]
Reference Directory	/afs/slac/g/lcls/epics/extensions
CVS Repository Directory	[/afs/slac/g/lcls/cvs/epics/extensions] http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/base?cvsroot=LCLS

[Modules	LCLS EPICS Site Packages]
Reference Directory	/afs/slac/g/lcls/epics/site
CVS Repository Directory	[/afs/slac/g/lcls/cvs/epics/site] http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/base?cvsroot=LCLS

IOC Applications

EPICS Build Details

The EPICS release is built as sharable.

Prior to build:

1. log onto the [public SLAC linux host](#) listed below in Table 1-1
2. set a minimal environment provided by SCCS (i.e. /usr/local/bin/enviro)
3. setenv EPICS_HOST_ARCH linux-x86

To build EPICS base

1. cd /afs/slac/g/lcls/epics/base
2. gmake

To build EPICS site

1. cd /afs/slac/g/lcls/epics/modules
2. gmake

To build EPICS extensions

1. cd /afs/slac/g/lcls/epics/extensions
2. gmake

Table 1-1		
Build Host : lcls-dev2		
Tools	Version Req.	Version Used
GNU Make	3.78.1 or later	3.79.1
GNU gcc Compiler		
Perl	5.0 or later	5.8.8
RTEMS	4.6.0 or later	4.7
Linux-x86		RH Enterprise 3.0