

LCLS EPICS Site Packages

EPICS Modules at LCLS

References

- [EPICS Module Downloads](#)
- [LCLS EPICS Module Dependencies](http://www.slac.stanford.edu/grp/lcls/controls/global/sw/epics/modules/index.htm)<http://www.slac.stanford.edu/grp/lcls/controls/global/sw/epics/modules/index.htm>EPICS at LCLS
 - [LCLS Modules Directory](#)
 - [How-to Release Software](#)
 - [How-to Tag a Software Release](#)
- [Hardware Manuals](#)
- [Sequencer User's Guide V1.9](#)
- [EPICS Record Reference Manual](#)
 - [Motor Record Presentation \(ppt\)](#)
 - [EPICS genSub Record](#)

EPICS Build					
Description	LCLS Released Version	Local Contact	Module Maintainer		
EPICS base version	[base-R3-14-8-2-lcls3	EPICS at LCLS]	[Ernest Williams	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=328057&gone=active&ntype=1&lf=1&pid=	Andrew Johnson
EPICS extension version	[extensions-R3-14-8-2	EPICS at LCLS]	[Ernest Williams	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=328057&gone=active&ntype=1&lf=1&pid=	Andrew Johnson
RTEMS version	[rtems-4.9.1	RTEMS at LCLS]	[Kristi Luchini	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?lf=1&url=&gone=active&NAME=luchini	[Till Sraumann

Build Information		
	Development	Production
Build Host	lcls-dev2	lcls-builder
Host OS	Red-Hat Enterprise 4.0	Red-Hat Enterprise 4.0
Environment Variable		
EPICS_BASE	/afs/slac/g/lcls/epics/base	/usr/local/lcls/epics/base
EPICS_EXTENSIONS	/afs/slac/g/lcls/epics/	/usr/local/lcls/epics/
	extensions	extensions
EPICS_MODULES	/afs/slac/g/lcls/epics/modules	/usr/local/lcls/epics/modules

Site Packages (Modules)		
CVS Path	epics/site	
CVS Reference Directory	/afs/slac/g/lcls/epics/modules	/usr/local/lcls/epics/modules
CVS Repository Directory	[/afs/slac/g/lcls/build/epics/modules	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/?cvsroot=LCLS

Drivers and Device Support						
Module Name	Description	LCLS Released Version	Vendor Version	Distribution	LCLS Contact	Module Maintainer
asyn	asynchronous support	asyn-R4-9-lcls3	4-9	APS	[Kuke Kim	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=
BX9000_MBT		BX9000_MBT-R2-0-0	N/A	SLAC	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=

caenADC CV965	ADC	caenADCV965-R2-0-0	N/A	S N S	[Kuh kee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	Dave Thompson		
EDT_C L		EDT_CL-R2-0-0	N/A	SL A C	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	
etherPSC	[Etherne t PSC Control ler]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/etherPSC/?cvsroot=LCLS	etherPSC-R2-0-0-lcls1	2-0-0	SSRL	[Kristi Luchini	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=luchini	[Clemens Wermelskirchen	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=87556&gone=active&ntype=1&lf=1&pid=
emp2000		emp2000-R2-0-0	N/A	SL A C	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	
ether_ip	Etherne t PLC	ether_ip-R2-16-lcls1	ether_ip-2-16	S N S	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=luchini	Kay Kasemir		
event	[EVR /EVG]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/event/?cvsroot=LCLS	event-R3-0-0	N /A	SLA C	[Stephanie Allison	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=86720&gone=active&ntype=1&lf=1&pid=	[Stephanie Allison	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=86720&gone=active&ntype=1&lf=1&pid=
generalTime	[Genera l Time]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/generalTime/?cvsroot=LCLS	generalTime-R2-0-0	N /A	SLA C	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=
highlandLVDT V550	LVDT	highlandLVDTV550-R2-0-0	N/A	JLAB	[Kuh kee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	Matthew Bickley		
ics121		ics121-R2-0-0	N/A	SL A C	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	
ics130		1cs130-R2-0-0	N/A	SL A C	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	
LeCroy _ENET		LeCroy_ENET-R2-0-0	N/A	SL A C	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	
micro	SLC- EPICS commu nication s	micro-R2-0-0	N/A	SL A C	[Diane Fairley]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=fairley	[Diane Fairley	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=fairley	
motor59		motor59-R5-9-lcls5	5-9	A P S	[Kuh kee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	Ron Sluiter		
motor64		motor64-R6-4-2-lcls1	6-4-2	A P S	[Kuh kee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	Ron Sluiter		
ModBusTCPInt		ModBusTcpCInt-R2-0-0	N/A	SL A C	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	[Sheng Peng	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&lf=1&pid=	
seq	[Sequen cer]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/seq/?cvsroot=LCLS	seq-R2-0-11-lcls1	2-0-11	PSI	[Kuhkee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	Mike Laznosvsky	

ssi	ssi recorder readback	ssi-R2-0-0	1-1-0	PSI	[Stephanie Allison]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=96720&gone=active&ntype=1&f=1&pid=	D. Maden
streamdevice		streamdevice-R2-4-lcls1	2-4	PSI	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&f=1&NAME=luchini	Dirk Zimoch
tds3000		tds3000-R2-0-0	N/A	SLAC	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid=	[Sheng Peng] http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid=
VHSx0x		VHSx0x-R2-0-0	N/A	SLAC	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid=	[Sheng Peng] http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid=
vsam	[VME 7305]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/vsam/?cvsroot=LCLS	vsam-R2-0-0	N/A	SLAC	[K. Luchini]	Kristi Luchini] [Suzanne Jacobson] http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/vsam/html/vsam_releaseNotes.html?cvsroot=LCLS

Industry Pack							
Module Name	Description	LCLS Release Version	Vendor Version	Distribution	LCLS Contact	Module Maintainer	
ipac	IP Carriers	[ipac-R2-8-lcls5]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/ipac/?cvsroot=LCLS	2-8	APS	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid= Andrew Johnson
hytec8413	ADC 16-bit, 16-chan	[hytec8413-R2-0-0]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/hytec8413/?cvsroot=LCLS	N/A	SLAC	Kristi Luchini	[K. Luchini] Kristi Luchini]
hytecMotor8601	Motor driver	[hytecMotor8601-R2-0-0]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/hytecMotor8601/?cvsroot=LCLS	N/A	SLAC	[Kukhee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&f=1&pid= Doug Murray
ip231	DAC 16-bit, 16-chan	[ip231-R2-0-0]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/ip231/?cvsroot=LCLS	N/A	SLAC	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid= [Sheng Peng] http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid=
ip330	ADC 16-bit, 16-chan	[ip330-R2-0-0]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/ip330/?cvsroot=LCLS	N/A	SLAC	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid= [Sheng Peng] http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid=
ip470		ip470-R1-0-0-lcls1	1-0	Observatory of Science	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&f=1&NAME=luchini	Andy Foster
xy2440	Digital Input	[xy2440-R1-0-lcls1]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/xy2440/?cvsroot=LCLS	1-0	Observatory of Science	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid= Andy Foster
xy2445	Digital Output	[xy2445-R1-0-lcls1]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/xy2445/?cvsroot=LCLS	1-0	Observatory of Science	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=280739&gone=active&ntype=1&f=1&pid= Andy Foster

*Record Support *									
Module Name	Description	LCLS Released Version	Vendor Version	Distribution	LCLS Contact	Module Maintainer			
calc	calc record	calc-R2-6-1-lcls4	2-6-1	APS	[Dayle Kotturi]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=kotturi	Tim Mooney		
genSub	generic subroutine record	genSub-R1-6-lcls1	1-6	Observatory of Science	[Kuhkee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	Andy Foster		
sscan		sscan-R2-6-3-lcls1	2-6-3	APS	[Dayle Kotturi]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=kotturi	Tim Monney		
sSubRecord	special subroutine	sSubRecord-R2-0-0	N/A	SLAC	[Kukhee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	[Kukhee Kim]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	
sub	log.exp.poly	sub-R2-0-0	N/A	SLAC	Delete Me	DeleteMe			
vmeCard Record	module info	vmeCardRecord-R2-0-0	N/A	SLAC	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=luchini	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=luchini	

Utilities									
Module Name	Description	LCLS Released Version	Vendor Version	Distribution	LCLS Contact	Module Maintainer			
devBus Mapped		devBusMappe d-R2-0-0	N/A	SSRL	[Dayle Kotturi]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=kotturi	[Till Straumann]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?lf=1&url=&gone=active&NAME=straumann	
miscUtils		miscUtils-R2-0-0	N/A	SLAC	[Dayle Kotturi]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=kotturi	Till Straumann		
rtemsUtils		rtemsUtils-R1-0-0-lcls1	1-0-0	APS	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=luchini	Eric Norum		
sqlight3		sqlite3-R3-6-4-lcls1	N/A	SLAC	[Dayle Kotturi]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=kotturi	[Stephen Norum]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=norum	
snmp		snmp-R2-0-0	N/A	SLAC	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	[Sheng Peng]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=210340&gone=active&ntype=1&lf=1&pid=	

IOC Administration and Restore									
Module Name	Description	LCLS Released Version	Vendor Version	Distribution	LCLS Contact	Module Maintainer			
autosave	ioc save and restore	[autosave-R4-4-lcls2]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/autosave/?cvsroot=LCLS	4-4	APS	[Dayle Kotturi]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=kotturi	Tim Mooney	
[CAPutLog]	http://www-kryo.desy.de/documents/EPICS/DESY/EpicsLog/CAPutLog.html	Logging facility	[caPutLog-R3-1-lcls1]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/caPutLog/?cvsroot=LCLS	3-1	DESY	[Dayle Kotturi]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=kotturi	Matthias Clausen
iocAdmin	ioc administration	[iocAdmin-R3-0-0]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/iocAdmin/?cvsroot=LCLS	N/A	SLAC	[Stephanie Allison]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=86720&gone=active&ntype=1&lf=1&pid=	[Stephanie Allison]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=86720&gone=active&ntype=1&lf=1&pid=
plcAdmin	plc administration	[plcAdmin-R2-0-0]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/plcAdmin/?cvsroot=LCLS	N/A	SLAC	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=luchini	[Kristi Luchini]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?gone=active&lf=1&NAME=luchini
restore	set point restore	[restore-R2-0-0]	http://www.slac.stanford.edu/cgi-wrap/cvsweb/epics/site/src/restore/?cvsroot=LCLS	N/A	SSRL	[Stephanie Allison]	http://www-public.slac.stanford.edu/phonebook/dirsearch.aspx?emplid=86720&gone=active&ntype=1&lf=1&pid=	Stephanie Allison	