

CMS Online Software

Development Environment [↗](#)

Technical Support Request [↗](#)

Welcome to the official XDAQ CMS Online Software project page

XDAQ... It's not a matter of how good you are, It's a matter of how good you want to be

XDAQ is a software platform designed specifically for the development of distributed data acquisition systems. The development is carried out at CERN [↗](#), the European Organization for Nuclear Research. XDAQ is the definitive across the board middleware that eases the tasks of designing, programming and managing data acquisition applications by providing a simple, consistent and integrated distributed programming environment. The framework builds upon industrial standards, open protocols and libraries.



Documentation



All CMS OS official documentation is available through EDMS [↗](#).

Get started with the following documents to get into the CMS OS world:

User's Support Guide [↗](#) "Read me first!"

User's Manual [↗](#)

Developers Manual [↗](#)

Generic Makefile [↗](#) (In Work)

Further technical references about the CMS OS project

Configuration Management Plan [↗](#)

Configuration Management Procedures [↗](#)


Some outdate TWiki pages

XDAQ TWiki page [↗](#)

Releases



Release are made available through a YUM repository for CERN Scientific Linux (SLC,CentOS) distributions:

Release 16.0.0 (CentOS8 64 bit, g++ (GCC) 8.2.1, C++11/14, Expected 2nd quarter 2020 )

Release 15.0.0 (CentOS7 64 bit, Based on Software Collections 8, g++ (GCC) 8.2.1, C++11/14, Core YUM repository [↗](#) and Worksuite YUM repository [↗](#)] software change notice[↗](#), API Reference[↗](#)

Release 15.0.0 alpha 1 (CentOS7 64 bit, Based on Software Collections 8, g++ (GCC) 8.2.1, C++11/14, Now Available at Core YUM repository [↗](#) and Worksuite YUM repository [↗](#)]

Release 14.6.0 - **XDAQ Tanuki** ¹ YUM repository [↗](#) for (CentOS7 64 bit), software change notice[↗](#), API Reference[↗](#)

¹. Refers to software releases based on new YUM/RPM naming convention after the migration from SVN/Trac to GitLab. Please read Release Notes document in detail.

Previous Stable Releases

Release 14.4.0 YUM repository [↗](#) for (CentOS7 64 bit), software change notice[↗](#), API Reference[↗](#) (stable)

Release 13.4.0 YUM repository [↗](#) for (SLC6 64 bit), software change notice[↗](#), API Reference[↗](#) (frozen - please upgrade to Release 14.x)

Release 12.8.0 YUM repository [↗](#) for (SLC6 64 bit), software change notice[↗](#), API Reference[↗](#) (deprecated)

Release 11.2.7 YUM repository [↗](#) for (SLC5, 32/64 bit - SLC6 64 bit), software change notice[↗](#), API Reference[↗](#) (deprecated)

Release 10.3.3 YUM repository [↗](#) for (SLC4, i386), software change notice[↗](#), API Reference[↗](#) 'deprecated)

Release 9.7.0 YUM repository [↗](#) for (SLC4, i386), software change notice[↗](#), API Reference[↗](#) (deprecated)

Release 8.2.2 YUM repository [↗](#) for (SLC4, i386), software change notice[↗](#), API Reference[↗](#) (deprecated)

Release 7 (SLC4, i386)[↗](#) (deprecated)

Release 6 (SLC4, i386)[↗](#) (deprecated)

More Info

XDAQ 9.5 is the software used at CMS online on the first circulating LHC beam 2009 [↗](#)

XDAQ 10.0.2 is the software used at CMS online on the Beams collided at 7 TeV in the LHC 2010 [↗](#)

XDAQ 12.0.0 is the software used at CMS online on Run 2

XDAQ 14.0.0 CentOS 7 platform

Support



[Submit a Technical Support Request](#)

This topic: CMSPublic > CMSOS

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