

Table of Contents

CTPPS offline software - getting started.....	1
Requirements.....	1
For experts.....	1

CTPPS offline software - getting started

This document will explain how to use CTPPS offline software.

Requirements

- SLC6 Linux 64bit with AFS access. Can be lxplus.
- GIT access.
- X forwarding enabled when connected by SSH

For experts

The compilation procedure assumes that the code is in master branch.

If you know what to do, use following instruction (if not, read whole page): To get the CMSSW framework from CVMFS, use:

```
export SCRAM_ARCH=slc6_amd64_gcc491
export VO_CMS_SW_DIR=/cvmfs/cms.cern.ch
source $VO_CMS_SW_DIR/cmsset_default.sh
scram project CMSSW CMSSW_7_5_0
cd CMSSW_7_5_0/src
git clone ssh://git@gitlab.cern.ch:7999/totem/totem-offline.git .
cmsenv
scram build -j 15
```

To use the old way of getting from AFS, follow these rules:

```
export SCRAM_ARCH=slc6_amd64_gcc491
source /afs/cern.ch/cms/cmsset_default.sh
scram project CMSSW CMSSW_7_5_0
cd CMSSW_7_5_0/src
git clone ssh://git@gitlab.cern.ch:7999/totem/totem-offline.git .
cmsenv
scram build -j 15
```

This topic: [TOTEM > CompOfflineGettingStartedCTPPSCMSSW750](#)

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