

# CVMFS

## ✓ CVMFS

- CERN virtual machine file system
  - Grid, Ixplus, login, local computers...で利用できます
- このCVMFSによって様々なソフトウェアが配布されており、Athena, Rucio, PandaなどのATLASソフトウェアにアクセスすることができます

## ✓ 設定方法

- `$ export ATLAS_LOCAL_ROOT_BASE=/cvmfs/atlas.cern.ch/repo/ATLASLocalRootBase`
- `$ alias setupATLAS='source ${ATLAS_LOCAL_ROOT_BASE}/user/atlasLocalSetup.sh'`

# setupATLAS

```
tomoe@login.icepp.jp's password:
Last login: Mon Dec 12 12:01:57 2016 from susy01.icepp.s.u-tokyo.ac.jp
[tomoe@login04 ~]$ setupATLAS
lsetup          lsetup <tool1> [ <tool2> ...] (see lsetup -h):
lsetup agis     (or localSetupAGIS) to use AGIS
lsetup asetup   (or asetup) to use an Athena release
lsetup atlantis (or localSetupAtlantis) to use Atlantis
lsetup dq2      (or localSetupDQ2Client) to use DQ2Client
lsetup eiclient (or localSetupEIClient) to use EIClient
lsetup emi      (or localSetupEmi) to use emi
lsetup fax      (or localSetupFAX) to use FAX
lsetup ganga    (or localSetupGanga) to use Ganga
lsetup lcgenv   to use lcgenv
lsetup panda    (or localSetupPandaClient) to use Panda Client
lsetup pod      (or localSetupPoD) to use Proof-on-Demand
lsetup pyami    (or localSetupPyAMI) to use pyAMI
lsetup rcsetup  (or rcSetup) to setup an ASG release
lsetup root     (or localSetupROOT) to use ROOT
lsetup rucio    (or localSetupRucioClients) to use rucio-clients
lsetup sft      (or localSetupSFT) to use SFT packages
lsetup xrootd   (or localSetupXRootD) to use XRootD
advancedTools  for advanced tools
diagnostics    for diagnostic tools
helpMe         more help
printMenu      show this menu
showVersions   show versions of installed software

14 Jul 2016
DQ2 clients are deprecated and no longer supported.
They will be removed completely by December 2016.
Please use Rucio instead:
    lsetup rucio
For more info: https://twiki.cern.ch/twiki/bin/view/AtlasComputing/RucioClientsHowTo

[tomoe@login04 ~]$
```

- 例えばROOTを設定し  
たければ：
- \$ setupATLAS
- \$ localSetupROOT