

Table of Contents

Mokka: The ILD Simulation Software.....	1
Using the Mokka on the Common CLIC AFS Space.....	1
Installing Mokka: THIS SECTION IS MOSTLY OUTDATED!.....	1
Required Software.....	1
ILCSoft.....	1
Mokka Source Code.....	1
Environment Variables.....	1
Compiling Mokka.....	1

Mokka: The ILD Simulation Software

Using the Mokka on the Common CLIC AFS Space

Do (on sh-type shell): `source`

```
/afs/cern.ch/eng/clic/software/x86_64-slc5-gcc41/Mokka/mokka-07-05/mokka_afs_0705.sh
```

Now Mokka should be ready to run!

Installing Mokka: THIS SECTION IS MOSTLY OUTDATED!

Required Software

- Geant4 (9.3) (Xerces-C)
- CLHEP (2.0.4.5)
- mySQL
- Gear
- LCIO

ILCSOft

Gear, LCIO and CLHEP can be easily installed using `IlcSoftInstall`, if they are not already installed.

Mokka Source Code

- Old Version: `mokka-06-07-patch03-calice`
- Old Version: `mokka-07-00`
- Current Version: `mokka-07-05`

Note: Mokka has moved to subversion, updated install information coming soon...

To obtain the Mokka source code from CVS do (See also on the [Mokka Website](#)): (on sh-type)

```
$ export CVSROOT=:pserver:anoncvs@pollin1.in2p3.fr:/home/flc/cvs
$ cvs login
###password %ilc%
$ cvs checkout -r <tag> Mokka
```

Environment Variables

Before Compiling Mokka several environment variables have to be set. See my example file.

Compiling Mokka

Now Compile Mokka

```
$ mokka> gmake -C source/
```

After the compilation (n.b.: This might not be necessary depending on the way geant4 was compiled.) Create a folder "lib" or "lib64" in the the Mokka base directory and create a link to all the Mokka libraries, if this folder does not already exist:

```
$ mokka/lib> ln -s ../tmp/${G4System}/*/*.so .
```

Now Mokka should be ready to run!

-- AndreSailer - 04 Mar 2009

This topic: CLIC > IldSoftware

Topic revision: r8 - 2010-09-20 - ChristianGrefe



Copyright &© 2008-2022 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)