



# Development Environment

# Access the ASL-Cluster - Linux

- **From a Linux-Desktop**

- open console

- `ssh -X username@asl73x.acc.gsi.de (x = 0.. 4 )`

- ( If a full remote-desktop is needed, you can use the XDMCP-client of your choice )



# Install XWin-32

- **XP**

**Control Panel → Software → Add new Prog. → X-Win32 2012**

- **Win7**

**Programms → Microsoft System Center 2012 →  
ConfigurationManager → Softwarecenter → XWin32 2012**



# Access the ASL-Cluster - Win

- **From a Windows-Desktop**
  - Check if XWin32 is installed (install it if not)
  - Open X-Config → Assistant ...
    - XDMCP (easy, but does not always work in this room )
    - SSH ( some more clicks required )



# Access the ASL-Cluster - Win

- **XDMCP**

- Create new XDMCP connection
- Host: asl73x.acc.gsi.de (x = 0.. 4 ), XDMCP-Mode: request
- Start connection



# Access the ASL-Cluster - Win

## • SSH

Welcome to the Connection Wizard! Please choose a name and type for your connection.

Name:

Typ:

- LIVE
- ssh
- XDMCP
- More...

Please enter a host to connect to.

Host:

asl730 ... asl734

Please enter your login name and password.

Anmeldung:

Kenntwort:

Please enter a command to run on the remote host.

Befehl:

- Linux
- SunOS (Solaris)
- HP-UX XTERM
- HP-UX DTTTERM
- IBM-AIX
- VMS
- Other Unix
- Linux (Xauth)
- IRIX



# Configure Linux-Environment

- Open the file “.bash\_profile” with the editor of your choice. ( E.g. gedit )
- Add the following two lines:

```
#load Fesa3 environment
```

```
source /opt/fesa/fesa-fwk/1.0.0/fesa-environment-gsi/fesa3_environment.conf
```

- Re-init the console:

```
source .bash_profile
```

# Install the FESA-Eclipse-Plugin

- Type “eclipse &” in a terminal
- Define a default-workspace
- Click on “help → install new software”
- Press “add...” to add a new repository location
- Install all packages declare at the Wiki-page:  
[www-acc.gsi.de/wiki/FESA](http://www-acc.gsi.de/wiki/FESA) → v1.0.0 → Installation of FESA3 Dev. Environment

Best copy the links directly from the wiki-page!

SVNKit 1.3.8 <http://eclipse.svnkit.com/1.3.x/>

Orbit <http://download.eclipse.org/tools/orbit/downloads/drops/R20130517111416/repository/>

FESA-eclipse-plugin <https://www-acc.gsi.de/data/eclipse/fesa>



# Now let's start coding!