



Installation of SRB Clients

Authors

Kevin Haines (STFC)

Change log

Version 1.0	29 th October 2009	First initial draft
-------------	-------------------------------	---------------------

1. INTRODUCTION

These instructions are relevant only if installing SRB client commands. A full server installation is more complex, requires SDSC licensing, and integration with the existing NGS SRB infrastructure - contact the NGS helpdesk.

The installation process is valid for RedHat EL4 or later, however other Linux distributions or Unix-type systems should be compatible.

2. DOWNLOAD

```
wget http://www.sdsc.edu/srb/tarfiles/SRB3_4_2client.tar
tar xf SRB3_4_2client
```

3. CONFIGURE

Replace the configuration options below with options specific to your system. In particular, note the location of the Globus libraries and 64-bit option.

```
./configure
  --enable-installdir=/apps/srb \
  --enable-globus-location=/opt/vdt/1.10.1/globus/ \
  --enable-globus-flavor=gcc64dbg \
  --enable-gsi-auth \
  --enable-secure-comm
```

Following the configuration you need to fix a bug in `mk/mk.config`:

```
865c865
< LIB_GSI_AUTH = $LIB_GSI_AUTH \
---
> LIB_GSI_AUTH += \
```

i.e. line 865 of `mk/mk.config`, should read `LIB_GSI_AUTH += \`

4. BUILD & INSTALL

```
make install
```

5. TESTING

You will need a valid `.MdasEnv` file to test the installed client commands. Please refer to the SRB client documentation on the NGS website for further information.