

NAME

dmover_config – DMOVER client configuration file

SYNOPSIS

`$HOME/.dmover/config`

DESCRIPTION

DMOVER obtains configuration options in the following order:

1. command line configuration file option. See `dsub(1)`.
2. default user configuration file: `$HOME/.dmover/config`

The DMOVER client configuration file has been structured around the style of an `ssh(1)` configuration file. Each section of options is separated by a “Host” specification. Additionally DMOVER defines a “Protocol” section inside each “Host” declaration. DMOVER will ignore lines that begin with ‘#’. DMOVER also ignores all leading whitespace. The following example format should be adhered to.

RECOGNIZED OPTIONS**URI gsiftp**

Hostname *hostname* (required)

Fully qualified domain name that is being represented by the Host alias.

Port *port* (optional)

The port number that this service should be contacted on. Defaults appropriately to 2811 which is the standard Gridftp port.

URI gsiscp

Hostname *hostname* (required)

Fully qualified domain name that is being represented by the Host alias.

Port *port* (optional)

The port number that this service should be contacted on. Defaults appropriately to 22 which is the standard GSI-OpenSSH port.

URIOrder gsiftp,gsiscp

URIOrder specifies which protocol order dmover will use to transfer files. Secondary protocols are used for failed transfer attempts.

EXAMPLES

A typical **dmover_config** file will appear as follows:

```
Host bigben
    URI gsiftp
        Hostname gridftp.bigben.psc.teragrid.org
    URI gsiscp
        Hostname tg-login.bigben.psc.teragrid.org
    URIOrder gsiftp,gsiscp

Host test2
    URI gsiftp
        Hostname gridftp-test2.psc.teragrid.org
        Port 3811
    URI gsiscp
        Hostname gridftp-test2.psc.teragrid.org
```

```
Port 2222
URIorder gsiscp,gsiftp
```

When using a client configuration file DMOVER allows contact strings to be specified in a shorthand URI format. Below emphasizes the changes when using a **dmover_config** file.

```
Standard Globus URL Format:
gsiftp://gridftp.bigben.psc.teragrid.org:2811/dev/zero
gsiftp://gridftp.psc.teragrid.org:2811/dev/null
```

```
DMOVER Shorthand URI Format:
bigben:/dev/zero test2:/dev/null
```

SEE ALSO

dsub(1)