AFS

AFS is a distributed networked file system.

Documentation

- CERN AFS UserGuide

Useful commands

- kinit - obtain kerberos ticket
- fs listacl
- fs setacl
- kpasswd

Resources

Global for TOTEM

- /afs/cern.ch/exp/totem/soft (has daily backup)

Personal

- ex. /afs/cern.ch/user/l/lgrzanka AFS home directories (backup, quota 50MB)
- ex. /afs/cern.ch/exp/totem/scratch/hubert (without backup, personal scratch space - not for all users)

Permissions

Examples:

Remove unauthorized access

To protect the directory from eyes of unauthorized users you can always use the command:

```bash
fs setacl . -acl system:anyuser none
```

You can run it for every subdirectory:

```bash
find . -type d -exec fs setacl {} -acl system:anyuser none \;
```

List members of group:

All groups should have prefix cern:. To display members of zj group, type:

```bash
pts membership cern:zj
```

You can setup group ACLs using command:

```bash
find . -type d -exec fs setacl {} -acl cern:zj read \;
```