

IRODS command to set users, groups, admins and resources

Creating User:

- login as irods admin user on iRODS server node
 - setup environment:
\$export PATH=./opt/iRODS/clients/icommands/bin:\$PATH
\$export LD_LIBRARY_PATH=\$GLOBUS_LOCATION/lib
 - start interactive iadmin session to add user:
\$iadmin
admin>mkuser tlevshin rodsuser
iadmin>aua tlevshin "/DC=org/DC=doegrids/OU=People/CN=Tanya Levshina508821"

add administrator:

```
$iadmin  
iadmin>mkgroup engage  
iadmin>atg engage tlevshin  
iadmin>mkuser prod rodsadmin  
iadmin>aua prod '/DC=gov/DC=fnal/O=Fermilab/OU=People/CN=Tanya Levshina/CN=UID:tlevshin'
```

Setting Client Environment:

Copy .irodsEnv from the server to a client node into ~/.irods directory. Modify the following attributes:

iRODS server host name:

```
irodsHost 'fermicloudxxx.fnal.gov'
```

iRODS server port number:

```
irodsPort 1247
```

Default storage resource name:

```
irodsDefResource 'disk_cache_1'
```

Home directory in iRODS:

```
irodsHome '/fermilab/home/tlevshin'
```

```
# Current directory in iRODS:
irodsCwd '/fermilab/home/irods'
# Account name:
irodsUserName 'tlevshin'
# Zone:
irodsZone 'fermilab'
irodsAuthScheme GSI
irodsServerDn '/DC=org/DC=doegrids/OU=Services/CN=fermicloudxxx.fnal.gov'
irodsLogLevel 'DEBUG'
```

Test access from the client site:
create proxy in /tmp

setup PATH and LD_LIBRARY_PATH
Check with iinit command:

\$ iinit

Using GSI, attempting connection/authentication

-bash-3.2\$ iuserinfo

name: tlevshin

id: 10012

type: rodsuser

zone: fermilab

info:

comment:

create time: 01321562263: 2011-11-17.14:37:43

modify time: 01321562263: 2011-11-17.14:37:43

*GSI DN or Kerberos Principal Name: /DC=org/DC=doegrids/OU=People/CN=Tanya Levshina
508821*

member of group: tlevshin

member of group: public