

Herbadrop project

iRODS tutorial

Testing the connection

Initializing a connection

Once you have properly done the installation of the iRODS client, you will be prompted, the first time, to answer these questions after running the command `iinit`.

```
$ iinit
```

One or more fields in your iRODS environment file (`irods_environment.json`) are missing; please enter them.

Enter the host name (DNS) of the server to connect to: `ariane.cines.fr`

Enter the port number: `1247`

Enter your irods user name: `eudat`

Enter your irods zone: `CINES`

Those values will be added to your environment file (for use by other iCommands) if the login succeeds.

Enter your current irods password: `eudatpwd`

Several files under a directory called `.irods` should be created. One is a token containing your credentials (`.irodsA`), and another one contains the connection parameters with the values you entered. Thus, the next time you connect, you won't be prompted to enter the connection information.

Transferring a test file

```
$ ils
```

```
/CINES/home/eudat
```

```
$ iput mytestFile
```

```
$ ils
```

```
/CINES/home/eudat
```

```
  mytestFile
```

```
$ iget mytestFile
```

```
$ irm -f mytestFile
```