

# How to set the database for central registry operation? ¶

When installed according to the README file from the installation package, the database is fully enabled for central registry operation.

# How do I create a new registrar? ¶

A new registrar can be created in the administration interface. For the new registrar to log in, the password and MD5 of the client certificate they use to log in must correspond to those listed in their detail. For the new registrar to be able to register domains within the given zone, there must be a valid (from and to times) record in the registrarinvoice table for the relevant registrar and zone.

# How do I create a new zone? ¶

A new zone is added to the zone table. The price list for the zone is added to the price\_list table. For the zone generator to function, add records to the zone\_soa and zone\_ns tables.

# What is nameservice? ¶

Nameservice is a CORBA environment server which maps service names to objects on running servers. It enables connection of several components without the need to know which component runs on what server. Nameservice has folder structure listing names of concrete objects.

# How do I verify that services are registered into the CORBA nameservice? ¶

There is a simple **nameclt** client, which displays the content of nameservice. Use the -ior parameter to find where a nameservice runs. Examples of use:

- `nameclt -ior corbaname::localhost list #` displays the content of the root directory (context), it should contain: fred.context
- `nameclt -ior corbaname::localhost list fred.context #` displays the directory content, it should contain the following services:
  - `PyWhois.Object`
  - `FileManager.Object`
  - `ZoneGenerator.Object`
  - `Mailer.Object`
  - `TechCheck.Object`

- Admin.Object
- EPP server simply by entering the login name.
- `namclt -ior corbaname::localhost resolve fred.context/EPP.Object #` Returns reference to a concrete object

Since the object reference is not readable in the IOR text format, use the **cattior** format parser to display details:

```
namclt -ior corbaname::localhost resolve fred.context/EPP.Object | xargs
cattior.omni
Type ID: "IDL:ccReg/EPP:1.0"
Profiles:
1. IIOP 1.2 172.20.20.96 2222 ".RegistryPOA.Register"
    TAG_ORB_TYPE omniORB
    TAG_CODE_SETS char native code set: UTF-8
                  char conversion code set: UTF-8
                  wchar native code set: UTF-16
                  wchar conversion code set: UTF-16
```

This tells you which address and port the service runs on and you can try telnet to find out whether the service is available.

## How to start running the registry after installation? ¶

- specify server configuration in `/etc/fred/server.conf` a `/etc/fred/pyfred.conf`
- specify module configuration `mod_corba`, `mod_eppd` a `mod_whoisd` in the configuration file of the apache web server
- switch on servers in this order: `fred-pyfred`, `fred-rifd`, `fred-pifd`, `fred-adifd`, `apache`

## Fred Client returns „Command syntax error“

