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HOW TO INSTALL IronCurtain IN LINUX?

Download the followings:
- Python 2.4.2
  http://www.python.org/ftp/python/2.4.2/Python-2.4.2.tar.bz2
- Turbogears 0.8.9
  http://www.turbogears.org/download/eggs/TurboGears-0.8.9.tar.gz
- Sql Object
  http://cheeseshop.python.org/packages/source/S/SQLObject/SQLObject-0.7.0.tar.gz
- Python imaging Library
  http://effbot.org/downloads/Imaging-1.1.5.tar.gz
- Remote Python Call (Rpyc)
  http://prdownloads.sourceforge.net/rpyc/rpyc-2.60.zip?download
- Spider Monkey
  Download using fetch-sm-cvs.sh in IronCurtain directory of the
    IronCurtain package. Install by provided Makefile.

Database initialization
- IronCurtain can work with different database engines (i.e. mysql or postgresql)
  Create your database in the engine of your choice
  Assign a username and password to this database.
  Keep the database running while IronCurtain runs.
- Edit IC-Admin-Panel/ dev.cfg
  Set sqlobject.dburi (i.e. "postgres://user:password@host/IronCurtain")
- Run this command to create database script
  cd /IC-Admin-Panel/
  ./tg-admin sql create
- Run the /IronCurtain/rootcreate.py script to create a default user
  named "root" and password "moot"

Proxy Configuration
- Open IC-Admin-Panel/icadminpanel/icconfig.py
  Set the host and the port. The defaults are given;
  PROXY_HOST = "localhost"   # core proxy's host
  PROXY_PORT = 12345   # core proxy's userinterface port
- Open /IronCurtain/src/config.py

Set DB_URI with the same value you used in the **Database initialization** part.

```
DB_URI="postgres://user:password@host/IronCurtain"   #database URL
```

Set the interface and port that the proxy will listen to. Clients will make proxy connections to this port.

```
IC_HOST = "localhost"     #the core proxy's host
IC_PORT = 23000           #the core proxy's port
```

Set the details of the admin panel

```
UI_HOST = "localhost"   #the machine where UserInterface runs on
UI_PORT = 8080    #the port where the UserInterface runs on
UI_SOCKET_PORT = 12345    #the port number that userInterface will connect to
```

- Open IC-Admin-Panel/icadminpanel/config/app.cfg
  Set server.socket_port = 8080 (or any port you choose)
  The administrator users will connect to the admin panel using this port.

Running

- î   Make sure that the database is running
- Start Core Proxy by using the followings;
  cd IronCurtain/src
  ./start-ironcurtain.py
- Start Admin Panel by using the followings;
  cd IC-Admin-Panel
  ./start-icadminpanel.py
- open internet options in the client's web browser.
- then change the proxy settings
  Address: IC_HOST(i.e. inek57.ceng.metu.edu.tr)
  Port: IC_PORT (i.e. 23000)
- for admin login connect to the machine that the admin panel is running on port server.socket port (i.e. 8080)
  (i.e. http://inek60.ceng.metu.edu.tr:8080),
  Use default username/password of root/moot and do not forget to change default password.
- client login will be handled automatically by IronCurtain's admin panel

HOW TO INSTALL IronCurtain IN WINDOWS?

Download the followings:
- Python 2.4.2
  http://www.python.org/ftp/python/2.4.2/python-2.4.2.msi
- Turbogears 0.8.9
  http://www.turbogears.org/download/eggs/TurboGears-0.8.9.tar.gz
- Sql Object
  http://cheeseshop.python.org/packages/source/S/SQLObject/SQLObjec
t-0.7.0.tar.gz
- Python imaging Library
  http://effbot.org/downloads/Imaging-1.1.5.tar.gz
- Remote Python Call (Rpyc)
  http://prdownloads.sourceforge.net/rpyc/rpyc-2.60.zip?download
- Spider Monkey
  Download using fetch-sm-cvs.sh in IronCurtain directory of the
  IronCurtain package. Install by provided Makefile.

  Add python PATH to enviroment variables.(ex. C:\Python24)nish

Database initialization

- IronCurtain can work with different database engines (i.e. mysql or
  postgresql)
   Create your database in the engine of your choice
  Assign a username and password to this database.
  Keep the database running while IronCurtain runs.
- Edit IC-Admin-Panel\ dev.cfg
  Set sqlobject.dburi (i.e. "postgres://user:password@host/IronCurtain")
- Run this command to create database script
  cd \IC-Admin-Panel\
  tg-admin sql create
- Run the \IronCurtain\rootcreate.py script to create a default user
  named "root" and password "moot"

Proxy Configuration
- Open IC-Admin-Panel\icadminpanel\icconfig.py
  Set the host and the port. The defaults are given;

```
PROXY_HOST = "localhost"     # core proxy's host
PROXY_PORT = 12345           # core proxy's userinterface port
```

- Open \IronCurtain\src\config.py
  Set DB_URI with the same value you used in the **Database initialization** part.

```
DB_URI="postgres://user:password@host/IronCurtain"    #database URL
```

Set the interface and port that the proxy will listen to. Clients will make proxy connections to this port.

```
IC_HOST = "localhost"        # the core proxy's host
IC_PORT = 23000              # the core proxy's port
```

Set the details of the admin panel

```
UI_HOST = "localhost"   # the machine where UserInterface runs on
UI_PORT = 8080    # the port where the UserInterface runs on
UI_SOCKET_PORT = 12345    # the port number that userInterface will connect to
```

- Open IC-Admin-Panel\icadminpanel\config\app.cfg
  Set server.socket_port = 8080 (or any port you choose)
  The administrator users will connect to the admin panel using this port.

Running

- î Make sure that the database is running
- Start Core Proxy by using the followings;
  cd IronCurtain\src
  start-ironcurtain.py
- Start Admin Panel by using the followings;
  cd IC-Admin-Panel
  start-icadminpanel.py
- open internet options in the client's web browser.
- then change the proxy settings
  Address: IC_HOST(i.e. inek57.ceng.metu.edu.tr)
  Port: IC_PORT (i.e. 23000)
- for admin login connect to the machine that the admin panel is running on port server.socket port (i.e. 8080)
  (i.e. http://inek60.ceng.metu.edu.tr:8080),
  Use default username/password of root/moot and do not forget to change default password.
- client login will be handled automatically by IronCurtain's admin panel