

Compiere/Fyracle Howto for Linux

Prepare Installation

- Install necessary packages: `sudo apt-get install xaw3dg xinetd`

Package ncurses is already installed on kubuntu.

- Install java sdk by adding following line to `/etc/apt/sources.list`

```
deb http://ubuntu.tower-net.de/ubuntu breezy java
```

Then install:

```
sudo apt-get update
```

```
sudo apt-get install sun-j2sdk1.5
```

```
sudo update alternatives --config java (2 times Minus!)
```

```
-> select Sun Java!
```

Test with:

```
java -version
```

Set log. link for firefox: `cd /usr/lib/j2rel.5-sun/jre/plugin/i386/ns7/`

```
ln -s libjavaplugin_oji.so /usr/lib/mozilla-firefox/plugins/
```

- Disable access control, to allow root to start graphical(!) wizard for fyracle installation. In other terminal window, as normal user type: `xhost +`

Install Fyracle

- Download Fyracle (fyracle-runtime-linux-installer.bin and compiere-fyracle.pdf) from

<http://www.fyracle.org/downloads>

to `/home/anneli/compiere`. Open the pdf file to read the instructions.

Install Fyracle:

```
cd /home/anneli/compiere
```

```
sudo chmod 755 fyracle-runtime-linux-installer.bin
```

```
sudo ./fyracle-runtime-linux-installer.bin
```

follow the instructions in graphical wizard (4 mouse clicks)

Test fyracle PL/SQL compiler:

```
/opt/fyracle-0.8.4/bin/plsql -i
```

```
Fyracle PL/SQL compiler version 0.8.4/demo
```

```
This demo version is limited to 500 character statements and scripts
```

```
Use CONNECT or CREATE DATABASE to specify a database
```

```
SQL>
```

Leave with `quit`

Test the Fyracle QLI :

```
/opt/fyracle-0.8.4/bin/qli -i
```

```
Welcome to QLI
```

```
Query Language Interpreter
```

```
QLI>
```

```
Leave with quit
```

Use xinet daemon to start firebird database only on request. For that purpose, adapt file `/etc/xinet.d/firebird` according to `compiere-fyracle.pdf`, i.e.

```
replace line: server = /opt/fyracle-0.8.10/bin/fb_inet_server -e /opt/fyracle-0.8.10
```

by following two lines (i.e. split original line in two, more or less):

```
server = /opt/fyracle-0.8.10/bin/fb_inet_server
```

```
server_args = -e /opt/fyracle-0.8.10
```

```
Restart xinetd: /etc/init.d/xinetd restart
```

Temporary for Compiere253a:

Download correction libs (libfyracle.so and libfbembed.so.1.5.2) from

<http://www.fyracle.org/downloads>

to `/home/anneli/compiere` (second one doesn't help!).

```
Install correction lib: cd /opt/fyracle-0.8.10/lib
```

```
cp /home/anneli/compiere/libfyracle.so .
```

```
sudo chown firebird:firebird libfyracle.so
```

```
sudo chmod 444 libfyracle.so
```

Install Compiere

- Download Compiere (Compiere253a.zip and Compiere253a_Data.zip) from

<http://www.jotel.com.pl/index.php/39/0/?&L=1>

to `/home/anneli/compiere`

```
Unpack Compiere: cd /home/anneli/compiere
```

```
sudo unzip Compiere253a.zip -d /opt
```

```
Unpack database: compiere.fdb:
```

```
sudo unzip Compiere253a_Data.zip -d /opt/Compiere2/data
```

```
sudo chmod 666 /opt/Compiere2/data/compiere.fdb
```

- Either define environment variables inside user's and root's `.bash` profile and source this file before running any Compiere program scripts, or, for simplicity, add following definition lines directly to `RUN_setup.sh`, `RUN_Server2.sh` and `RUN_Compire2.sh`, which can be found below directory `/opt/Compiere2/` resp. `/opt/Compiere2/Utils/`.

```

JAVA_HOME=/usr/lib/j2sdk1.5-sun
CLASSPATH=/usr/lib/j2sdk1.5-sun
COMPIERE_HOME=/opt/Compriere2
LD_LIBRARY_PATH=$LD_LIBRARY_PATH:/usr/lib:/opt/fyracle-0.8.10/plugins
PATH=$PATH:$HOME/bin:$JAVA_HOME/bin
export PATH JAVA_HOME CLASSPATH COMPIERE_HOME LD_LIBRARY_PATH

```

- Setup Compriere:


```

cd /opt/Compriere2/
sudo chmod 755 RUN_setup.sh
sudo ./RUN_setup.sh

```

```

Creation of encryption key:  ON   farol
                             OU   farol
                             L    Berlin
                             S    Germany
                             C    DE

```

Compriere Server Setup Window:

```

Java Home:           /usr/lib/j2sdk1.5-sun
Compriere Home       /opt/Compriere2
Java VM              sun
Keystore Password    <leave as is>
Application Server    dmzserver
Deployment            /opt/Compriere2/jboss/server
Webport              8080
Server type          jboss
JNP Port              1099
SSL                  443
Database Server      dmzserver
Database Name         /opt/Compriere2/data/compriere.fdb
Database Port         3050           (is set when setting Database Type)
Database User         sysdba
Database Type         firebird
Database Search       /opt/Compriere2/data/compriere.fdb
System Password       masterkey
Database Password     masterkey
Mail Server           dmzserver
Other mail settings are left empty for now.
Press 'Save', accept license conditions and wait!

```

The script `RUN_setup.sh` can be called anytime, but before doing so, the Application Server should be shut down (via `RUN_Server2Stop.sh`).

Verify with `netstat -lpan | grep 1099`
that port 1099 is free again!

- Start Application server:


```

cd /opt/Compriere2/utils
sudo chmod 755 RUN_Server2.sh
sudo ./RUN_Server2.sh

```

Initial Client Setup

- Download German SKR03 (AccountingDE_SKR03.csv, AccountingDE_SKR03.xml) from <http://cvs.sourceforge.net/viewcvs.py/compiere/data/import> to /opt/Compiere2/data/import
- Start Compiere:
cd /opt/Compiere2
sudo chmod 755 RUN_Compiere2.sh
./RUN_Compiere2.sh
- Login as **SuperUser** with password **System**, choose role **System Administrator**.
-> General Rules -> Client Rules -> Initial Client Setup

Define client settings (farol, org, farolAdmin, farolUser).

Press Load Accounts button, select AccountingDE_SKR03.csv and press OK button.

Users, roles, standard entities and document types are created. The so called Natural Accounts are loaded from csv file.

- Logout

Import SKR03 Accounts

- Login as **SuperUser** with password **System**, choose role **farol Administrator**.
-> General Rules -> Client Rules -> Initial Client Setup Review
-> General Rules -> Data -> Data Import -> Import File Loader
-> General Rules -> Data -> Data Import -> Import Account
- Logout

Import German Pack

- Login as **SuperUser** with password **System**, choose role **System Administrator**.
-> General Rules -> System Rules -> Language
Set German as System Language and start
-> Language Maintenance -> Add Missing Translations
This copies the English words into the translation areas.
-> General Rules -> System Rules -> Translation Import/Export
Leave client and table empty and select German, press Import.
Select directory
/opt/Compiere2/data/COMPIERE:PACK_DE_20051223
and press Open.
- Logout