Working with FALCOM Workbench

Version 1.0 Rev 2

Linux Installation Guide

INSTALL FALCOM WORKBENCH ON LINUX

In this guide we will use Ubuntu Linux, other distributions are similar.

1. *Open a terminal window (Applications → Accessories → Terminal) and switch to the folder where the Workbench BZip2 file is stored.*
2. *If not already done install the Sun Java JRE or JDK:*

   ```
   sudo aptitude install sun-java6-jre
   ```

3. *Unzip the file to a subfolder inside /opt:*

   ```
   cd /opt && sudo tar xjf PATH_TO_ZIP_FILE/Workbench-*
   ```

4. *Change to the newly created Workbench folder:*

   ```
   cd /opt/Workbench
   ```

5. *Set execution permissions to the start script:*

   ```
   sudo chmod a+x bin/workbench.sh
   ```

6. *By using the startup shell script you can easily run the FALCOM Workbench*

   ```
   bin/workbench.sh
   ```

Additional information for running FALCOM Workbench on a 64-bit Linux Java

Currently it is not possible to run the FALCOM Workbench natively inside a 64-bit Java machine. These instruction will guide through the process on setting up a 32-bit Java runtime alongside a 64-bit Java.

1. *If not already done install the 64-bit Java:*

```
sudo aptitude install sun-java6-jre
```

2. *Next install 32-bit Java 6 Runtime:*

```
sudo aptitude install ia32-sun-java6-bin
```

3. *Check if current Java JRE is 64-bit:*

```
java -version
```

// should print something like:

```
java version "1.6.0_10"
Java(TM) SE Runtime Environment (build 1.6.0_10-b33)
Java HotSpot(TM) 64-Bit Server VM (build 11.0-b15, mixed mode)
```

3a. *If Java JRE is not 64-bit switch to 64-bit:*

```
sudo update-java-alternatives -s java-6-sun
```

4. *Manual create a link to 32-bit Java JRE runtime:*

```
sudo ln -s /usr/lib/jvm/ia32-java-6-sun/jre/bin/java /usr/bin/java32
```

// calling java32 should now print something like:

```
java32 -version
java version "1.6.0_10"
Java(TM) SE Runtime Environment (build 1.6.0_10-b33)
Java HotSpot(TM) Client VM (build 11.0-b15, mixed mode, sharing)
```

5. *Edit Workbench startup script "workbench.sh" in the bin/ subfolder inside the Workbench folder (e.g. /opt/Workbench/bin) and replace java with java32 .*