

## Install Java and JavaFx on Raspberry PI to use the PRCY-Toolkit.

Before you start using this manual, you need to know the basics of working with Linux.

Additionally, the PRCY-Toolkit is for people who are running more than one QT-Wallet or daemon, but this is your own choice.

To use the Mailer, you need an SMTP server that supports this mailer. Most of the time, the SMTP server from your provider should work. Gmail isn't compatible with this SMTP client. For Linux builds like Ubuntu, start with the second page.

### About PRCYcoin.conf for Linux and Windows

The minimum Setting you need in prcycoint.conf is

rpcuser=<Your username>

rpcpassword=<your Password>

rpcallowip=127.0.0.1 ( allow localhost to connect to the daemon)

server=1 ( make it a server so prcycoint-cli can talk to the daemon)

### Step 1: Check what version Java is on your PI.

In Terminal type:

```
java -version
```

Result will be something like this

```
openjdk version "11.0.11" 2021-04-20
```

```
OpenJDK Runtime Environment (build 11.0.11+9-post-Raspbian-1deb10u1)
```

```
OpenJDK Server VM (build 11.0.11+9-post-Raspbian-1deb10u1, mixed mode)
```

If you don't have Java, install it.

```
sudo apt install openjdk-11-jre-headless
```

### Step 2: Check the location for JavaFX still in terminal:

```
dpkg-query -L openjfx
```

If Javafx is installed then result will be

```
./
```

```
/usr
```

```
/usr/share
```

```
/usr/share/doc
```

```
/usr/share/doc/openjfx
```

```
/usr/share/doc/openjfx/TODO.Debian
```

```
/usr/share/doc/openjfx/changelog.Debian.gz
```

```
/usr/share/doc/openjfx/copyright
```

```
/usr/share/openjfx
```

```
/usr/share/openjfx/lib
```

```
/usr/share/openjfx/lib/javafx.properties
```

```
/usr/share/openjfx/lib/javafx.base.jar
```

```
/usr/share/openjfx/lib/javafx.controls.jar
```

```
/usr/share/openjfx/lib/javafx.fxml.jar
```

```
/usr/share/openjfx/lib/javafx.graphics.jar
```

```
/usr/share/openjfx/lib/javafx.media.jar
```

```
/usr/share/openjfx/lib/javafx.swing.jar
```

```
/usr/share/openjfx/lib/javafx.web.jar
```

If you don't see this, you have to install JavaFX.

In the same terminal, type:

**sudo apt-get install openjfx.**

Then check Step 2 again.

If the result is the same as in Step 1 and 2 then you're good to go.

Extract the PRCY-Toolkit to your home folder.

When you have done this open this folder with the terminal and type:

**sudo chmod +x \***

Step 3: Now you can run the script inside this folder

**Start-PRCY-Toolkit.sh**

For Linux like Ubuntu, we need some different steps.

Install java and javafx on Linux builds:

**sudo apt install openjdk-11-jre-headless**

Install Javafx:

**sudo apt-get install -y openjfx**

Use Step 1, 2 and 3 to check Java and JavaFX and run PRCY-Toolkit.