GNU/Linux Administration - Support #941

Install Eclipse Kepler on Arch Linux

08/19/2018 12:30 AM - Daniel Curtis

Status:	Closed	**Start date:**	08/19/2018
Priority:	Normal	**Due date:**	
Assignee:	Daniel Curtis	**% Done:**	100%
Category:	Development Environment	**Estimated time:**	1.00 hour
Target version:	Arch Linux	**Spent time:**	1.50 hour

Description

I had a project that called for developing around Java SE 6, and I needed to set up a development environment from the past. This is a guide on installing JDK6 and Eclipse Kepler on Arch Linux.

Prepare the Environment

- Make sure the system is up to date:

```
sudo pacman -Syu
```

- Install JRE6 and JDK6:

```
yaourt -S jre6 jdk6
```

Install Eclipse

- Download Eclipse Kepler from http://www.eclipse.org/downloads/

- Extract Eclipse to /opt:

```
sudo tar xzf eclipse-java-kepler-SR2-linux-gtk-x86_64.tar.gz -C /opt
```

- Create a desktop file:

```
sudo nano /usr/share/applications/eclipse.desktop
```

  - ANd add the following:

```
[Desktop Entry]
Name=Eclipse
Type=Application
Exec=eclipse
Terminal=false
Icon=eclipse
Comment=Integrated Development Environment
NoDisplay=false
Categories=Development;IDE;
Name[en]=Eclipse
```

- Give the desktop file permission to be executed, run:

```
sudo chmod +x /usr/share/applications/eclipse.desktop
```

- Update the menu desktop files:

```
sudo desktop-file-install /usr/share/applications/eclipse.desktop
```

- Create a symlink for the executable:

```
cd /usr/local/bin
sudo ln -s /opt/eclipse/eclipse
```

- Add the eclipse icon:

```
sudo cp /opt/eclipse/icon.xpm /usr/share/pixmaps/eclipse.xpm
```

Install Maven

The last maven release to support Java SE 6 was 3.2.5.

- Download maven 3.2.5:

```
wget https://archive.apache.org/dist/maven/maven-3/3.2.5/binaries/apache-maven-3.2.5-bin.tar.gz
```

- Extract maven to /opt:

```
tar xzf apache-maven-3.2.5-bin.tar.gz -C /opt
```

- Edit the .bashrc file:

```
nano ~/.bashrc
```

  - And add the following:

```
export PATH=/opt/apache-maven-3.2.5/bin/:$PATH
```

- Apply the changes to .bashrc"

```
source ~/.bashrc
```

- Check that maven was installed correctly:

```
mvn -version
```

Resources

- https://askubuntu.com/questions/337281/installing-eclipse-kepler
- https://stackoverflow.com/questions/36141186/what-version-of-maven-is-compatible-with-java-6

History

#1 - 08/19/2018 04:48 PM - Daniel Curtis

- Description updated

- Status changed from New to In Progress

#2 - 08/24/2018 12:27 PM - Daniel Curtis

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

#3 - 06/10/2019 02:35 PM - Daniel Curtis

- Status changed from Resolved to Closed