

GNU/Linux Administration - Support #880

Build ArcheOS ISO from Source

01/27/2017 08:27 PM - Daniel Curtis

Status:	Suspended	Start date:	01/29/2017
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	30%
Category:	Workstation	Estimated time:	0.00 hour
Target version:	Debian	Spent time:	1.00 hour

Description

This is a guide for building the ArcheOS distribution on Debian 8 (Jessie).

Prepare the Environment

- Make sure the system is up to date:

```
sudo apt-get update && sudo apt-get upgrade
```

- Install a few dependencies:

```
sudo apt-get install apt-cacher-ng git live-build syslinux
```

- Start and enable apt-cacher-ng at boot:

```
sudo systemctl enable apt-cacher-ng  
sudo systemctl start apt-cacher-ng
```

Build ArcheOS

- Download and import the qgis repo key:

```
wget -O /tmp/qgis-2016.gpg.key http://qgis.org/downloads/qgis-2016.gpg.key  
sudo apt-key add /tmp/qgis-2016.gpg.key
```

- Clone the hypatia branch of the ArcheOS repo and enter the build directory:

```
git clone -b hypatia https://github.com/archeos/ArcheOS.git  
cd ArcheOS/debian-live/
```

NOTE: I needed to update the qgis public key in both config/archives/qgis.key.binary and config/archives/qgis.key.chroot

- Clean the build and configure as necessary:

```
sudo lb clean  
lb config --distribution jessie
```

- Build the ArcheOS ISO:

```
sudo lb build
```

NOTE: A file named **binary-hybrid.iso** will be created in the working directory.

- Clean the environment:

```
sudo lb clean --purge
```

NOTE: The default user is **live** with empty password

Resources

- <https://github.com/archeos/ArcheOS>
- <http://doc.archeos.eu/development/pages/build-iso.html>

History

#1 - 01/27/2017 08:36 PM - Daniel Curtis

- *Description updated*

- *Status changed from New to In Progress*

#2 - 01/29/2017 05:01 PM - Daniel Curtis

- *% Done changed from 0 to 30*

#3 - 01/30/2017 11:35 AM - Daniel Curtis

- *Description updated*

#4 - 01/30/2017 04:45 PM - Daniel Curtis

- *Description updated*

#5 - 06/04/2017 09:20 PM - Daniel Curtis

- *Status changed from In Progress to Suspended*