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## Bittorrent Sync on NAS

That's how it works on a Synology Diskstation DS 107e:

- Download the right executable from <http://labs.bittorrent.com/experiments/sync/other-download.html>
- Extract it

Login on your NAS as root

Now the heavy part starts: The old diskstation does not support GLIBC 2.4, it only has 2.3

Massive workaround: Install a more modern Linux version and CHROOT into it..

Here the instructions, basically taken from

<http://www.hera.cc/2010/11/installer-java-sur-nas-synology-ds210/>

Download the complete new linux distribution archive from

<http://www.hera.cc/wp-content/plugins/download-monitor/download.php?id=1>

If you don't have the right processor, you would have to go through the valey of tears and create (bootstrap) the right debian version first

(<http://forum.synology.com/enu/viewtopic.php?f=3&t=18644&start=45#p148853>)

after having the debian archive:

```
mkdir -p /volumel/@debian
cp chrootgnuspe_OpenJDKPublic.tgz /volumel/@debian
cd /volumel/@debian
tar xzvf chrootgnuspe_OpenJDKPublic.tgz
mkdir -p /opt/debian
```

create 2 new scripts in /opt/bin:

[initDebChroot.sh](#)

```
#!/bin/ash
mount -o bind /volumel/@debian /opt/debian
mount -o bind /dev /opt/debian/chrootgnuspe/dev
mount -o bind /proc /opt/debian/chrootgnuspe/proc
chroot /opt/debian/chrootgnuspe /bin/bash
```

[loadDebChroot.sh](#)

```
#!/bin/ash
chroot /opt/debian/chrootgnuspe /bin/bash
```

(More info about the distro can be found at <https://wiki.debian.org/PowerPCSPort>)

The problem is simple: Debian moves their releases when they are old to <http://archive.debian.org/>

and that is where you need to point your debootstrap to.

debootstrap <...> lenny /root/lenny <http://archive.debian.org/debian>

main # cd / main # mkdir /lenny-chroot main # debootstrap lenny ./lenny-chroot  
<http://ftp.us.debian.org/debian>

From:

<http://koehlers.de/wiki/> - **Steffen Köhlers Online- Bastelbuch**

Permanent link:

<http://koehlers.de/wiki/doku.php?id=pc:btsyncnas>

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