

Ramdisk in Debian Wheezy - a.k.a tmpfs

Use tmpfs instead of /dev/ramX in Debian Wheezy for ram based space.

I wanted to play with ram based disks in Debian 7 Wheezy and I ran into a lot on confusing articles on the topic. I turned out that the classis /dev/ramX devices are not encouraged anymore instead, there's tmpfs.

If you don't have this, create a mount point for it:

```
mkdir -m 1777 /ram
```

bash

and mount it:

```
tmpfs /ram tmpfs defaults,size=2g 0 0
```

bash

You have a 2G space in the ram accessible right there.

Also, if you want to keep directories synced:

```
vim /root/sync-memdisk.sh
```

bash

```
#!/usr/bin/env bash
```

bash

```
DIRS=( 'subdir1' )
```

```
TARGETS=( '/target/root1' )
```

```
ORIGINS=( '/origin/root1' )
```

```
for ((i=0; i< ${#TARGETS[@]}; i++)); do
```

```
    TARGET=${TARGETS[$i]}
```

```
    ORIGIN=${ORIGINS[$i]}
```

```
    DIR=${DIRS[$i]}
```

```
    if [ ! -d "${TARGET}/${DIR}" ]; then
```

```
    echo "Initial sync from ${ORIGIN}/${DIR} to ${TARGET}/"
    rsync -aq ${ORIGIN}/${DIR} ${TARGET}/
else
    echo "Sync from ${TARGET}/${DIR} to ${ORIGIN}/"
    rsync -au --delete ${TARGET}/${DIR} ${ORIGIN}/
fi
done
```

Add it to cron:

```
* /2 * * * * /bin/bash /root/ sync-memdisk.sh >/dev/null 2>&1
```

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