

## Background

File based Images are sometimes used as a quick method to getting a DomU guest Xen up and running. LVM is the production method allowing for simple resizing. File based Images however, can be increased in size.

## Method

Backup the File based image firstly, making sure it is **not mounted** nor running as a xen domU.

```
dd if=/dev/zero of=file.img bs=1M conv=notrunc count=1 seek=2000
#This resizes the file.img to 2GB.
losetup /dev/loop1 file.img
#loop1 had to be used as xen was already running a different domU via loop0.
e2fsck -f /dev/loop1
resize2fs /dev/loop1
e2fsck -f /dev/loop1
losetup -d /dev/loop1
```

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That should be it all ok. It is a very fast method. It would be possible to simply mount the old image, and mount a newly created larger image and to copy across everything manually, however the above should work fine.

Reference: <http://jailtime.org/howto/filesystem>