COPY WINDOWS FILES

Quit GParted and use the file manager to copy all files from Windows ISO to USB stick. Mount the ISO using **Open with** - **Disk Image Mounter** (if you use Nautilus as a file manager). Then select all files `Ctrl+A` and **Copy to** USB drive which will be automatically mounted when you click on it at /media/<username>/<drive_label>. After the copy process is finished, look in the USB root folder for the boot directory. If it is uppercase, rename it to lowercase.

Make it bootable

GRUB will be used for that. Open a Terminal and run:

```
sudo grub-install --target=i386-pc --boot-directory="/media/<username>/<drive_label>/boot" /dev/sdX
```

Replace:

- /media/<username>/<drive_label> with the path where USB drive is mounted
- /dev/sdX with the USB drive, not the partition (e.g. /dev/sdb)

Wait for it to finish. If everything is OK, you should see:

```
Installing for i386-pc platform.
```

> Installation finished. No error reported.

If you got this error:

> grub-install: error: /usr/lib/grub/i386-pc/modinfo.sh doesn't exist. Please specify --target or --directory.

Install the grub-pc-bin package with sudo apt-get install grub-pc-bin and try again.

If you get **embedding** errors (something like file system 'ntfs' does not support embedding or Embedding is not possible), be sure you are installing GRUB to USB device and **not** USB partition. Most likely you typed /dev/sdb1 instead of /dev/sdb (sdb is just an example here).

Still getting **errors**? If you want an useful answer, please post a comment with the **complete** grub-install command and the error message.

Now, create a text file and write the following in it (lnx2 suggested adding some extra modules: **search_fs_uuid** and**chain**):

```
default=1

timeout=15

color_normal=light-cyan/dark-gray

menu_color_normal=black/light-cyan

menu_color_highlight=white/black

menuentry "Start Windows Installation" {

 insmod ntfs

 insmod search_fs_uuid
```

```
  insmod chain

  search --no-floppy --fs-uuid <drive_UUID> --set root

  chainloader +1

  boot

}

menuentry "Boot from the first hard drive" {

  insmod ntfs

  insmod chain

  insmod part_msdos

  set root=(hd1)

  chainloader +1

  boot

}
```

Replace <drive_UUID> with the UUID from step 1 (it's also a good idea to place it between double quotes). Save the file as *grub.cfg* and put it on the USB drive in the *boot/grub* folder.

That's it. The USB drive is now bootable from **BIOS** (not UEFI) and can be used to install Windows on your PC. The first time you boot from it select *Start Windows Installation*. Tested with Windows Vista, but it should work with any newer version.