

How to flash a stock firmware on Samsung Galaxy S2 with Ubuntu 12.04

- Download the latest version of Heimdall: <http://www.glassecidna.com.au/products/heimdall/>
- Install the the .deb package

Just double click on it :)

- Download your favorite version of the Stock ROM: [\[ROM+Guide\]Official i9100 Firmwares KG, KH, KI1/2/3/4/8, KJ1/2/3, KK1/2/5 Download - xda-developers](#)
- Unpack the file "I9100*****.tar.md5"

```
tar xvf I9100*****.tar.md5
```

- Boot your phone to download mode
 - Switch it off
 - Press and hold Home+Volume Down+Power until you see the "Warning" message
 - Connect via USB to PC
 - Confirm it with Volume Up
- Check if the phone is detected

```
heimdall detect
```

- Flash it with heimdall (do it with as root to avoid access problems to usb devices)

```
heimdall flash --primary-boot boot.bin --cache cache.img --factoryfs factoryfs.img --hidden hidden.img --modem modem.bin --param param.lfs --secondary-boot Sbl.bin --kernel zImage
```