

# Plymouth - Installing and Configuring Boot Screen on Debian

By default Debian Distribution doesn't come with a boot screen, but just bunch of debug messages on booting. I know I run a server-like distribution, but I like using it as a Desktop PC, Linux is Linux right?

□ And there comes Plymouth

Plymouth presents a graphic animation (also known as bootsplash) while the boot process is occurring in the background. It is designed to be used with the Direct Rendering Manager (DRM) modesetting drivers.

## Installation

Plymouth is available on the default Debian Repository, install using APT

```
$ sudo apt install plymouth plymouth-themes
```

## Configuration

### Graphics Card

I need to add modesetting for your graphics card by editing `/etc/initramfs-tools/modules` and add these lines

#### For Intel Graphic Cards

```
# KMS
intel_agp
drm
i915 modeset=1
```

#### For Nouveau (nVidia) Graphic Cards

```
# KMS
drm
nouveau modeset=1
```

#### For ATI Graphic Cards

```
# KMS
```

```
drm  
radeon modeset=1
```

## Bootloader

My default bootloader is grub2, I am going to edit /etc/default/grub

I have to tell grub our default screen resolution, on booting, modules and drivers are not loaded yet. I can fetch our screen resolution by typing:

```
$ xdpinfo | grep dimensions  
dimensions: 1366x768 pixels (361x203 millimeters)
```

Here my resolution is 1366×768. I am going to find the line #GRUB\_GFXMODE=640×480 in /etc/default/grub , uncomment the line and add in my resolution. Making it

```
GRUB_GFXMODE=1366x768
```

Search for this line GRUB\_CMDLINE\_LINUX\_DEFAULT=„quiet“ and change it to:

```
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash"
```

Finally, update my grub configuration

```
$ sudo update-grub2
```

## Themes

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