



Marvell. Moving Forward Faster

Overview

The D5.3_M0.3 code release is the root file system (rootfs), packaged by Marvell, for the Marvell® ARMADA™ 16x Plug Computer Development Kit, also known as the "gplugD."

License information for this code release is contained in the respective file for each package at:

```
/usr/share/doc/<package>/copyright
```

Use the following procedure to prepare a new microSD card for the gplugD.

microSD Card Preparation

Requirements for preparing a new microSD card for the gplugD are:

- Hardware – Linux® Host PC
- Software
 - GParted application (graphical partition editor)
 - Marvell ARMADA 16x Plug Computer Kit gplugD D5.3_M0.3 release: gplugD Kernel Binary, Kernel Sources, and Rootfs

Use the following procedure to prepare the microSD card. This procedure is only required if you are using a new microSD card.

1. Use the GParted application to format two partitions.
Type=FAT16, Size=100MB, Name=gplugD_krnl
Type=EXT3, Size=remaining, Name=gplugD_fs

If the microSD card already has the required partition, delete all the files from each partition that needs the upgrade.

```
> rm -rf *
```
2. Copy the zImage file to the gplugD_krnl partition (if the upgrade is needed).
3. Extract the rootfs to the gplugD_fs partition.

```
> cd /media/gplugD_fs  
> tar -xjvf <download_dir>/gplugD_rootfs.tar.bz2 -C /<gplugD_fs mounting point>
```
4. Insert the new microSD card in the gplugD.

For detailed information about the gplugD, see the *Marvell ARMADA 16x Plug Computer Development Kit Users Manual*, MV-S400320-00.



Marvell® ARMADA™ 16x Plug Computer Development Kit
gplugD Root File System
Release Notes

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