

PANDA DCS Debian Repository

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- To simplify maintainability of EPICS installations created Apt-Repository
- Hosted at GSI (thanks to Udo Kurilla)
- Containing epics-base, asynDriver, SEQ, streamDevice, . . .
- Repository available for amd64, i386 and armhf (rpi/beaglebone)
- Packages build according to Debian Packaging Policy and FHS
- Missing a module/package? Write me an email <feldbaue@kph.uni-mainz.de>
- <http://panda-service.gsi.de/repo/>



PANDA DCS Apt-Repository for Debian/Ubuntu - Mozilla Firefox

panda-service.gsi.de/repo/

Usage

Download and add the key of this repository to your GnuPG keychain:

```
$ wget -O - http://panda-service.gsi.de/debian/repo-key.pub | apt-key add -
```

Add the following line to the file `/etc/apt/sources.list`

```
deb http://panda-service/debian wheezy main
```

For the Raspbian image for the Raspberry Pi a custom debian mirror has to be used since the standard Debian mirrors do not support ARMv6 architecture. Therefore you have to add a different Repository on the Raspberry Pis to `/etc/apt/sources.list`

```
deb http://panda-service.gsi.de/debian wheezy rpi
```

And finally run:

```
$ apt-get update && apt-get install <your-package-name>
```



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panda-service.gsi.de/repo/ Search

Packages currently provided by this repository:

Package	main			rpi
	amd64	i386	armhf	armhf
alarmnotifications	✓	✓	✗	✗
alarmnotifications-doc	✓	✓	✗	✗
an-daemon	✓	✓	✗	✗
an-desktop	✓	✓	✗	✗
an-desktop-kde4	✓	✓	✗	✗
asyn-dev	✓	✓	✓	✓
devsnmp-dev	✓	✓	✓	✓
drvasyncan-dev	✓	✓	✓	✓
epics-catools	✓	✓	✓	✓
epics-dev	✓	✓	✓	✓
epics-doc	✓	✓	✓	✓
epics-libmodbus2.7	✓	✓	✓	✓
epics-libmodbus2.7-dbg	✓	✓	✓	✓
epics-modbus	✓	✓	✓	✓
epics-modbus-dev	✓	✓	✓	✓



- Packages build according to Debian Packaging Policy and FHS
- ⇒ Binaries go to `/usr/bin`
- ⇒ Libraries go to `/usr/lib`
- ⇒ Headers go to `/usr/include`
- ⇒ Config files go to `/etc/epics/`
- Packages work like manually build from source