

## FreeBSD Administration - Support #910

### Install Docker From Source on FreeBSD

08/10/2017 11:06 PM - Daniel Curtis

<b>Status:</b>	Suspended	<b>Start date:</b>	08/10/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Curtis	<b>% Done:</b>	0%
<b>Category:</b>	Jails / Containers	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	FreeBSD 11	<b>Spent time:</b>	0.00 hour

#### Description

This is a guide for installing Docker from source on FreeBSD 11.

**WARNING:** This is a work in progress. YMMV

## Prepare the Environment

- Make sure the system is up to date:

```
pkg update && pkg upgrade
```

- Install some dependencies:

```
pkg install go git
```

- Create a development workspace:

```
mkdir /usr/local/go_devel
```

- Add the go development workspace to the .cshrc script:

```
echo setenv PATH $PATH:/usr/local/go_devel/bin >> $HOME/.cshrc
echo setenv GOPATH /usr/local/go_devel >> $HOME/.cshrc
source $HOME/.cshrc
```

- Install go-md2man:

```
go get go get github.com/cpuguy83/go-md2man
cd /usr/local/go_devel/src/github.com/cpuguy83/go-md2man
go build
go install
```

## Install Docker

### Install runc

- Get the runc source:

```
go get github.com/opencontainers/runc
```

- Get the Go dependent packages:

```
go get github.com/moby/moby
go get github.com/docker/cli
go get github.com/containerd/containerd
go get github.com/docker/runc
go get github.com/docker/libnetwork
```

```
export DOCKER_BUILDTAGS='exclude_graphdriver_btrfs exclude_graphdriver_devicemapper exclude_graphdriver_aufs'
```

## Resources

- <https://aur.archlinux.org/packages/docker-git/>
- <https://aur.archlinux.org/cgi/aur/git/tree/PKGBUILD?h=docker-git>
- <https://gist.github.com/maverickames/9426462>
- <https://github.com/moby/moby/blob/master/project/PACKAGERS.md>

## History

#1 - 03/19/2018 09:03 PM - Daniel Curtis

- Status changed from New to Suspended