Go on OpenBSD

Go is available within the OpenBSD ports tree collection since OpenBSD 5.2. It is marked as i386- and amd64- only. See `ports/lang/go` for details.

OpenBSD release	Go in ports
6.8 (Oct 18, 2020)	go-1.15.2
6.7 (May 19, 2020)	go-1.13.9
6.6 (Oct 17, 2019)	go-1.13.1
6.5 (Apr 4, 2019)	go-1.12.1
6.4 (Oct 18, 2018)	go-1.11
6.3 (Apr 2, 2018)	go-1.10
6.2 (Oct 9, 2017)	go-1.9
6.1 (Apr 11, 2017)	go-1.8
6.0 (Sep 1, 2016)	go-1.6.3
5.9 (Mar 29, 2016)	go-1.5.4
5.8 (Oct 18, 2015)	go-1.4.2
5.7 (May 1, 2015)	go-1.4.1
5.6 (Nov 1, 2014)	go-1.3p0

Building from source

Kernel version	Architectures	Initial support version	Final support version
6.4	amd64, arm, 386	Go 1.11	
6.2 through 6.3	amd64, arm, 386	Go 1.9	Go 1.15.x
6.1	amd64, arm, 386	Go 1.8	Go 1.10.8
6.0	amd64, 386	Go 1.4.1 _*_	Go 1.10.8
6.0	arm	Go 1.5	Go 1.10.8
5.9	amd64, 386	Go 1.4.1 _*_	Go 1.8.7
5.9	arm	Go 1.5	Go 1.8.7
5.6 through 5.8	amd64, 386	Go 1.4.1 _*_	Go 1.7.6
5.5	amd64, 386	Go 1.3 _*_	Go 1.7.6
5.0 through 5.4	amd64, 386	Go 1	Go 1.2.2

_*_ Go 1.5 or above is recommended.

Longterm support

Go aims to support the two most recent OpenBSD releases, because OpenBSD officially supports only the two most recent releases, and makes a best-effort

attempt to maintain ABI support in consecutive releases.

ulimits (`/etc/login.conf`)

Edit `/etc/login.conf` so that the staff class has the proper settings. The following is a working example of the staff class:

```
staff:\
        :datasize-cur=infinity:\
        :datasize-max=infinity:\
        :datasize=infinity:\
        :openfiles-cur=4096:\
        :maxproc-max=512:\
        :maxproc-cur=512:\
        :ignorenologin:\
        :requirehome@:\
        :tc=default:
```

If the database file `/etc/login.conf.db` exists, you need to rebuild it with:

```
# cap_mkdb /etc/login.conf
```

Ensure that the user you intend to build Go with is in the `staff` login class:

```
# usermod -L staff your_username_here
```