

# Go Wrapper for ZFS

Simple wrappers for ZFS command line tools.



## Requirements

You need a working ZFS setup. To use on Ubuntu 14.04, setup ZFS:

```
sudo apt-get install python-software-properties
sudo apt-add-repository ppa:zfs-native/stable
sudo apt-get update
sudo apt-get install ubuntu-zfs libzfs-dev
```

Developed using Go 1.3, but currently there isn't anything 1.3 specific. Don't use Ubuntu packages for Go, use <http://golang.org/doc/install>

Generally you need root privileges to use anything zfs related.

## Status

This has been only been tested on Ubuntu 14.04

In the future, we hope to work directly with libzfs.

## Hacking

The tests have decent examples for most functions.

```
//assuming a zpool named test
//error handling omitted

f, err := zfs.CreateFilesystem("test/snapshot-test", nil)
ok(t, err)

s, err := f.Snapshot("test", nil)
ok(t, err)

// snapshot is named "test/snapshot-test@test"

c, err := s.Clone("test/clone-test", nil)

err := c.Destroy()
err := s.Destroy()
err := f.Destroy()
```

# Contributing

See the [contributing.guidelines](#)