netns - network namespaces in go

The netns package provides an ultra-simple interface for handling network namespaces in go. Changing namespaces requires elevated privileges, so in most cases this code needs to be run as root.

Local Build and Test

You can use go get command:

`go get github.com/vishvananda/netns`

Testing (requires root):

`sudo -E go test github.com/vishvananda/netns`

Example

```go
package main

import (
    "fmt"
    "net"
    "runtime"
    "github.com/vishvananda/netns"
)

func main() {
    // Lock the OS Thread so we don't accidentally switch namespaces
    runtime.LockOSThread()
    defer runtime.UnlockOSThread()

    // Save the current network namespace
    origns, _ := netns.Get()
    defer origns.Close()

    // Create a new network namespace
    newns, _ := netns.New()
    defer newns.Close()

    // Do something with the network namespace
    ifaces, _ := net.Interfaces()
    fmt.Printf("Interfaces: %v\n", ifaces)

    // Switch back to the original namespace
    netns.Set(origns)
}
```