

# Channels

Let create a simple example of using channels

Create new folder for five project.

```
mkdir -p $GOPATH/src/five
```

Open editor

```
atom $GOPATH/src/five
```

## Implement

---

create five/main.go

Will not work

```
package main

import "fmt"

func main() {
    c := make(chan string)
    // write to a channel

    c <- "The Gadget Show"

    // read from a channel
    val := <-c

    //Print Out Result
    fmt.Printf("Watching %s\n", val)
}
```

```
fatal error: all goroutines are asleep - deadlock!
```

```
goroutine 1 [chan send]:
main.main()
/Users/user/go/src/five/main.go:9 +0x89
```

# Fix

```
package main

import "fmt"

func main() {
    c := make(chan string)

    go func() {
        // write to a channel
        c <- "The Gadget Show"
    }()

    // read from a channel
    val := <-c

    //Print Out Result
    fmt.Printf("Watching %q\n", val)
}
```