**Stand-alone Command-Line Applications**

**Command-Line Flags**

[**https://gobyexample.com/command-line-flags**](https://gobyexample.com/command-line-flags)

To provide user interaction with a Command-Line Application we need more than flags, we need **commands and options**

**Options Parser**

Stand alone command line application very useful in headless environment such as a server in the cloud

**Options Parser** https://github.com/alecthomas/kingpin

**Application dependencies**

<http://labix.org/gopkg.in>

**export GOPATH=/home/ubu/golang**

**go get gopkg.in/alecthomas/kingpin.v2**

**Build Options parser**

**export GOPATH=/home/ubu/golang**

**go install github.com/nsavageJVM/go\_opts**

**Run with various options**

**go\_opts --strF="strong flag" --numF=20 "this is a string value" 40**

**go\_opts upload --strF="pop"**

**Use and extend code from github.com/nsavageJVM/aws\_dev**

**export GOPATH=/home/ubu/golang**

**export AWS\_SECRET\_ACCESS\_KEY=/7k4d6Br8jfWVLnoFbhJxEqJhHSuvZmestuyWRcw**

**export AWS\_ACCESS\_KEY\_ID=AKIAI7QGEUZMSNCWK4OA**

**build**

**go install github.com/nsavageJVM/go\_cmd**

**go\_cmd list**

**go\_cmd upload --s3 file="/home/ubu/intro.go"**