Source Code Slides with reveal

Michael McLoughlin May 18, 2019

Hello World

```
package main
import "fmt"
func main() {
    fmt.Println("Hello World!")
```

Hello World

```
import "fmt"
                    Provides formatting functions
```

Hello World

```
fmt.Println("Hello World!")
                                < To stdout
```

Is this *generic* enough?

The **Greeting** type

```
// Greeting represents a polite word or sign
// of welcome or recognition.
type Greeting struct {
    Salutation string
    Who string
}
```

The **Greeting** type

The **Greeting** type

Writing Greetings

We implement the io.WriterTo interface.

```
// WriteTo writes the greeting to w.
func (g Greeting) WriteTo(w io.Writer) (int64, error) {
   n, err := fmt.Fprintf(w, "%s, %s!\n",
        g.Salutation, g.Who)
   return int64(n), err
}
```

Writing Greetings

We implement the io.WriterTo interface.

main, reimagined

```
func main() {
   g := Greeting{
       Salutation: "Hello",
       Who:
                   "World".
   if _, err := g.WriteTo(os.Stdout); err != nil {
       log.Fatal(err)
```

main, reimagined

```
Always handle errors
log.Fatal(err)
```

main, reimagined

```
Salutation: "Hello",
                               So configurable
Who:
            "World".
                                        Much wow
```

https:	//github.	com/mmc	loughlin	/reveal