

# stack traces

```
08 func Example(slice []string, str string, i int) {
09     panic("Want stack trace")
10 }

main.Example(0x2080c3f50, 0x2, 0x4, 0x425c0, 0x5, 0xa)
    /Users/bill/Spaces/Go/Projects/src/github.com/goinaction/code/
    temp/main.go:9 +0x64
```

```
// Declaration
main.Example(slice []string, str string, i int)

// Call to Example by main.
slice := make([]string, 2, 4)
Example(slice, "hello", 10)

// Stack trace
    +--- SLICE -----+  +-+ string --+  int
    |ptr      |len   |cap  |  |ptr      |len|  |
main.Example(0x2080c3f50, 0x2, 0x4, 0x425c0, 0x5, 0xa)
```

## argument types

type	values	val 1	val 2	val 3
interface	2	type pointer	data pointer	-
v ...interface{}	3			
string	2	data pointer	length	
int	1	value		
pointer	1	pointer		
slice	3	array pointer	length	capacity

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