

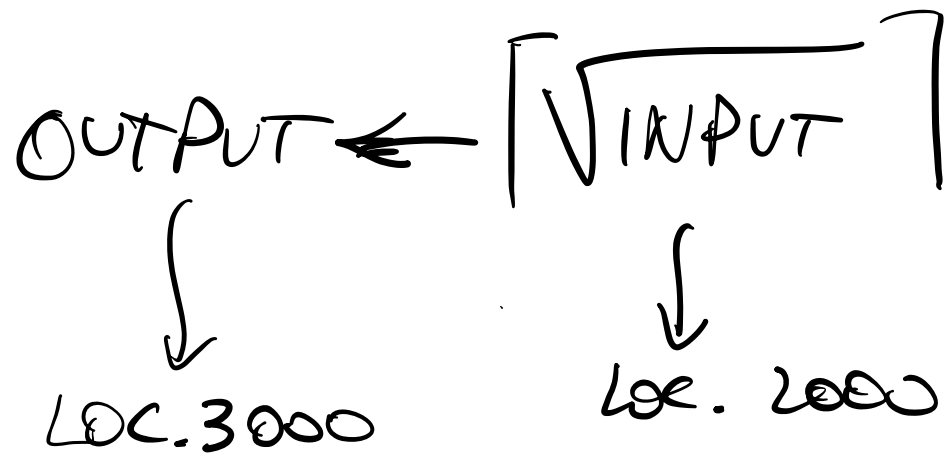
1000:	lw	\$2, 2000 (\$0)
1004:	add	\$3, \$0, \$0
1008:	$\$4 \leftarrow \$3$ add	\$4, \$3, \$0
1012:	$\$4 \leftarrow \$4^2$ mult	\$4, \$4, \$4
1016:	if $\$4 \geq \$2$ sllt	\$5, \$4, \$2
1020:	beq	\$5, \$0, +8
1024:	addi	\$3, \$3, +1
1028:	j	1008
1032:	sw	\$3, 3000 (\$0)

\$0	0
\$1	0
\$2	17
\$3	5
\$4	25
\$5	1

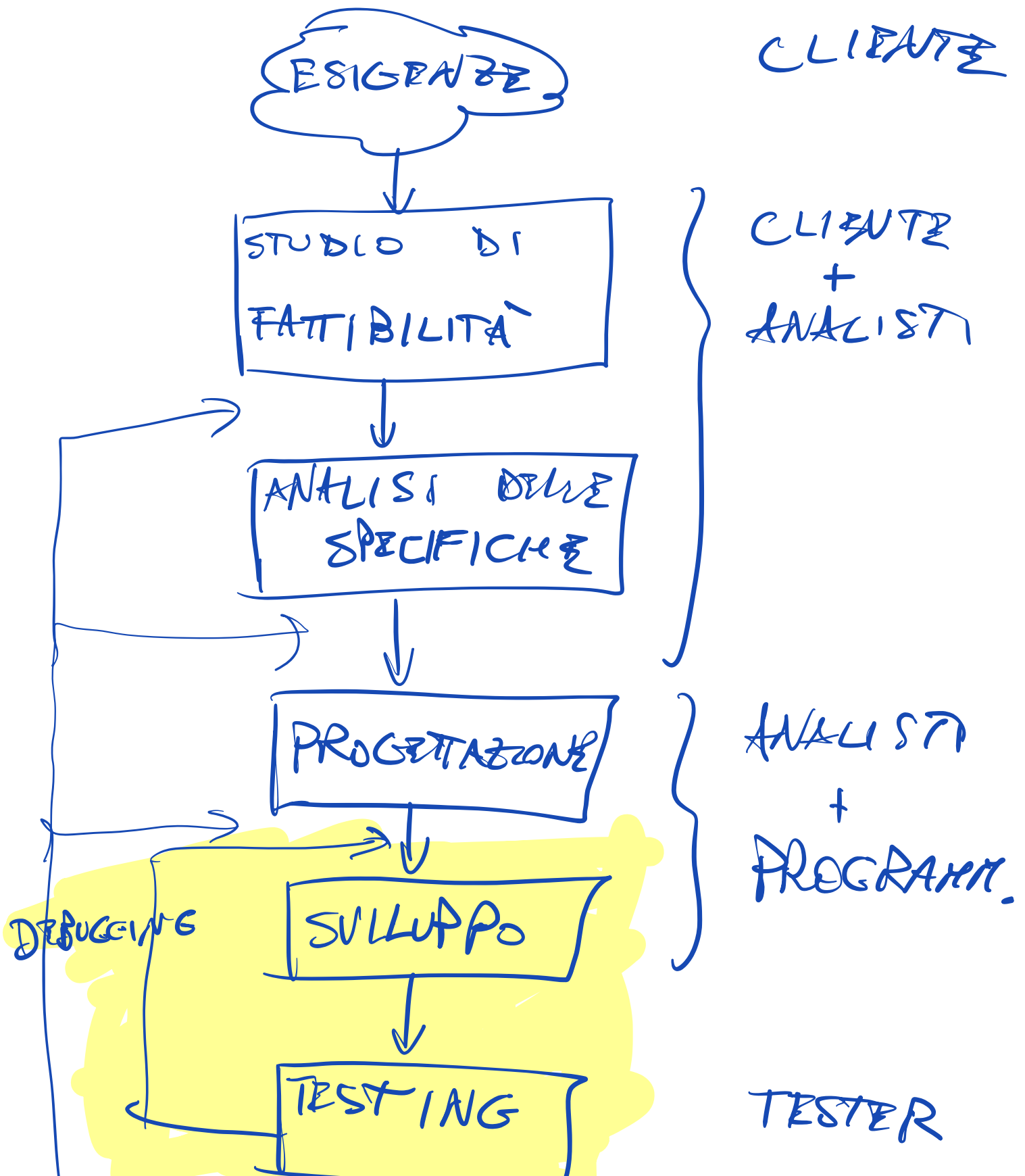
PC [ 1008 ]

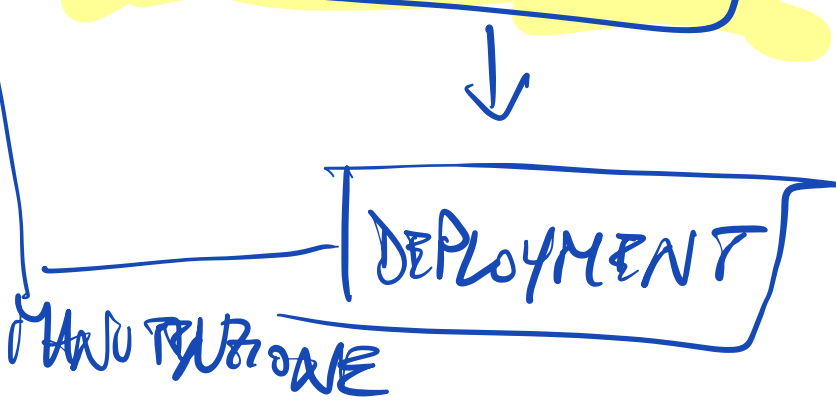
IR [ j 1008 ]

MEM [ 17 | 5 ]



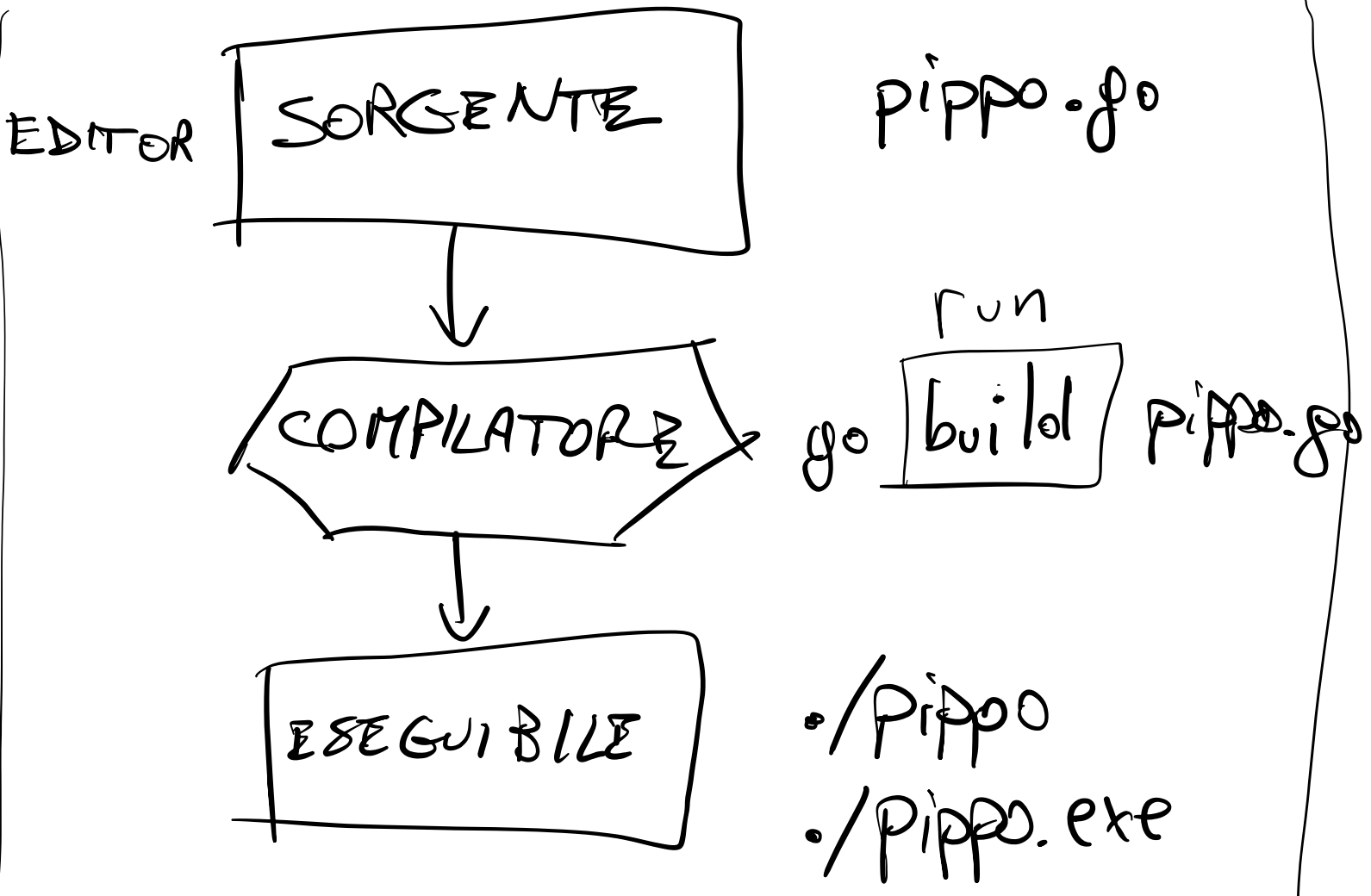
# CICLO DI VITA DEL SW





# TRADUZIONE

## - COMPILAZIONE



IDE

- INTERPRETARE

SORGENTE

pippo.py



INTERPRETE

python pippo.py

GO	GOLANG
----	--------

- 2007

Robert Griesmer

Robert Pike

Ken Thompson

- 2009, fully open source

# IL PRIMO PROGRAMMA GO

hello.go

```
package main
```

```
import "fmt"
```

```
func main() {
```

```
    var m, i int
```

```
    fmt.Print("Quante volte, padre? ")
```

```
    fmt.Scan(&m)
```

```
    for i=0; i<m; i++ {
```

```
        fmt.Println("Ciao")
```

```
    }
```

```
}
```

```
$> go build hello.go
```

```
$> ./hello
```

```
Quante volte, padre? 3 ↵
```

Ci20

Ci20

Ci20

\$>