non-
in-
ter-
fer-
ence?
low
high
high
low
?
Language-
based
se-
cu-
rity
tipado
de
se-
guri-
dad
lenguaje
de
se-
guri-
dad
lat-
tice[1]
H
L
lat-
tice
lat-
tice
$L \sqsubseteq H$
Int_L
Int_H
?
in-
for-
ma-
tion
flow
con-
trol

```
login
ret
password
```

pro-
gram
counter
?

```
password
```

$\sqsubseteq$

```
login
@H
login
password
```

de-
clasi-
ficar
?
?

```
declassify
password
guess
password
declassify
declassify(password)
```

?
?
type-
based
de-
clas-
si-
fi-
ca-
tion
type-
based
de-
clas-
si-
fi-
ca-
tion
$StringEq[eq :$
$String \rightarrow$
$Bool]$

```
eq
```

$String \le$
$StringEq$

```
password
```

lat-
tice
?
?

```
Bot
```

lat-
tice
Top
$StringEq$
$StringHashEq$