

code

```
\lua {
  interface = {}
  interface.noftests = 0
  function interface.oneoftwo(result)
    interface.noftests = interface.noftests + 1
    if result then
      tex.print("firstoftwoarguments")
    else
      tex.print("secondoftwoarguments")
    end
  end
end
}

\def\DoIfElse#1#2% todo: \luaesc{#1}
  {\csname\lua{interface.oneoftwo("#1"=="#2")}\endcsname}

\def\NOfTests
  {\lua{tex.print(interface.noftests)}}

\def\xxx{yyy} \def\yyy{yyy}
```

```
\DoIfElse{one}{one}{OK}{NO}  
\DoIfElse{two}{one}{NO}{OK}  
\DoIfElse\xxx \yyy {OK}{NO}
```

n: \NOfTests

```
\DoIfElse  
  {this is a \hbox to \hsize{real} mess}  
  {and \rm this is even worse}  
  {NO}{OK}
```

n: \NOfTests

```
\edef\zzz{this \DoIfElse{a}{b}{or}{and} that}
```

```
zzz: \lua{tex.print("\zzz")}
```

```
zzz: \lua{tex.print("this \DoIfElse{a}{a}{or}{and} that")}
```

```
zzz: \lua{tex.print("this \lua{tex.print("---")} that")}
```

n: \NOfTests

result

OK OK OK

n: 3

OK

n: 4

zzz: this and that

zzz: this or that

zzz: this — that

n: 6