

`x :: String`

`x = y` is defined as `y` (step 2)

`y = 3`



The expression `x` can have two conflicting types



`x`

1

2

`y`

3

4



Conflicting types

Possible type 1

`x :: String`

Inferred from the orange highlights on the left side

Possible type 2

`x :: Int`

Inferred from the blue highlights on the left side

Relevant type information

`y :: Int`

Inferred from the blue highlights on the left side