

# A Thin Veneer over the Interpreter

[1]: a = 10

[2]: a += 1

a

[2]: 11

All cells share a global state

[1]: a = 10

[3]: a += 1

a

[3]: 12

← step 2: a = 10 + 1 = 11

← step 3: a = 11 + 1 = 12

Cells have side effects

# A Thin Veneer over the Interpreter

[1]: a = 10

[2]: a += 1  
a

[2]: 11

All cells share a global state

[1]: a = 10

[3]: a += 1  
a

[3]: 12

Cells have side effects

[1]: a = 10

[3]: a = 20

[2]: a += 1  
a

[4]: a += 3  
a

Cells can go out of order