

# A Thin Veneer over the Interpreter

[1]: a = 10

[2]: a += 1

a

[2]: 11

[1]: a = 10

[3]: a += 1

a

[3]: 12

← step 2: a = 10 + 1 = 11

All cells share a global state

Cells have side effects

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← step 2:  $a = 10 + 1 = 11$

← step 3:  $a = 11 + 1 = 12$

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