

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

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Cells have side effects

[1]: a = 10

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expectation: a = 24
Cells can go out of order