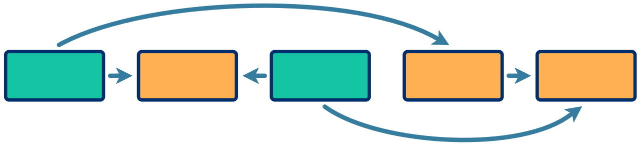
Vision one language with typed and untyped code



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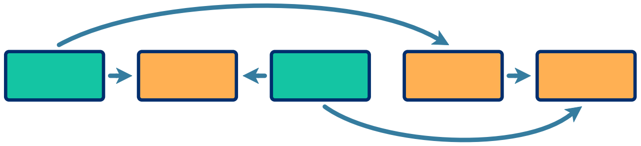

Problem tradeoffs!

- flexible mixes
- strong type guarantees
- run-time costs

Ben Greenman @ Brown

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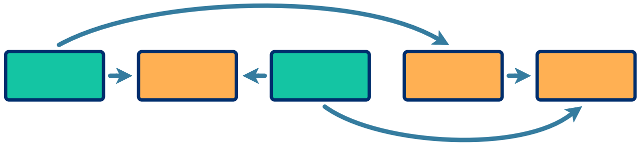

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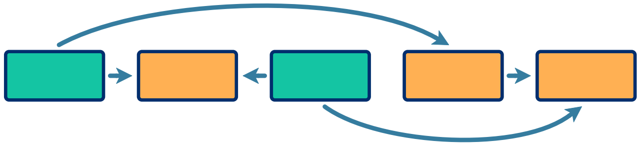

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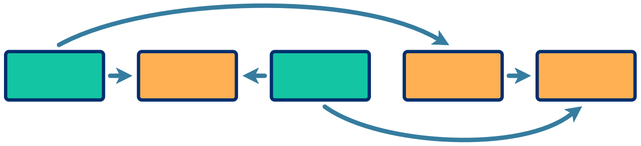

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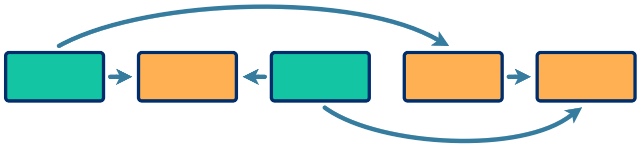

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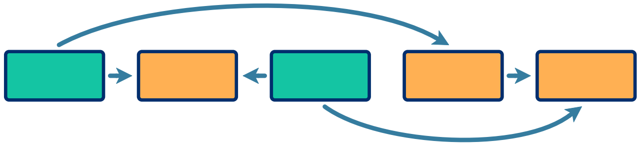

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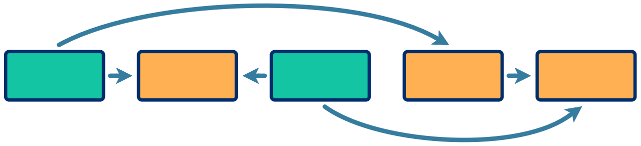

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The Rational Programmer

+ direct, scalable

- hard to design