

Immutability and Shadowing



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Immutability

Shadowing

How to bypass immutability!

Immutability

Once you define a value...
...you can't change it



Change Everything by Changing Nothing

- Immutability makes code simpler
 - Honestly!
- Functions have no side effects
 - “Referential transparency”
- Safer multithreading



Immutable Style

Reach for
immutability first

Add mutation for
simplicity (rare)...

More natural with
practice

...or for
performance