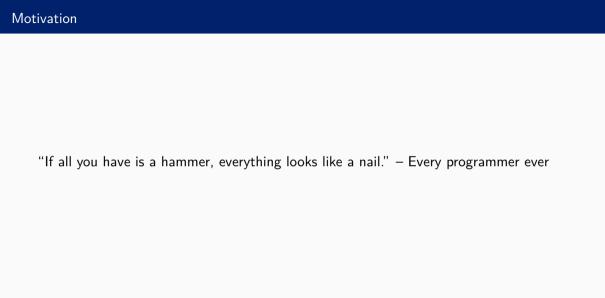
All I have is a hammer, now give me your nails!

Veit Heller EnthusiastiCon 2020 May 27, 2020

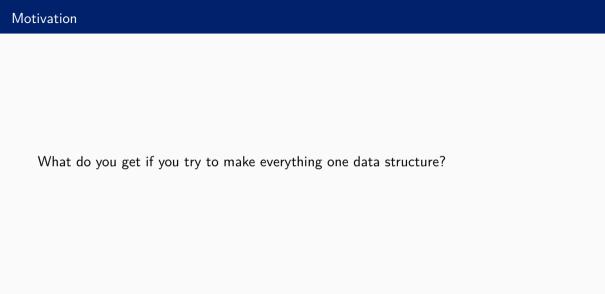




But: is it always bad to see the world through a particular lens?



"It is better to have 100 functions operate on one data structure than 10 functions on 10 data structures." – Alan Perlis



Lisp

SmallTalk

```
True >> ifTrue: trueBlock ifFalse: falseBlock [
    ^ trueBlock value
]

False >> ifTrue: trueBlock ifFalse: falseBlock [
    ^ falseBlock value
]

Listing 2: Booleans as objects.
```

Forth

Forth

: (41 WORD DROP ; IMMEDIATE

 ${\rm Listing} \ 3: \ {\rm Comments} \ {\rm on} \ {\rm the} \ {\rm stack}.$



APL

- +/ ι 15 A add, reducing over the numbers to 15
- \circ ., $\ddot{\sim}$ ı10 A outer product of the numbers to 15 to themselves

So what?

Conclusion?

This is neat, but what is the appeal, really? What do we gain?



Basing all of your thinking on one axiom answers a lot of questions.

Conclusion

It also asks a lot of questions.



Beyond pure novelty, there is a liberating quality to seeing the world through a particular lens.

Constraints can be liberating!

