

Basic Types



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Numbers



Demo



Interactive Elixir (iex)



Other Types

Atoms

Strings

Tuples

Lists

Maps



Atoms



atom

A constant where its name is also its value



Return Values

`{:ok, content}`

`{:error, reason}`



Atoms are very memory efficient.



Boolean Atoms

:true

:false



Strings



Tuples



Lists



```
my_list = ["Elixir", "C#", "JavaScript", "Ruby"]
```

Single-Linked List



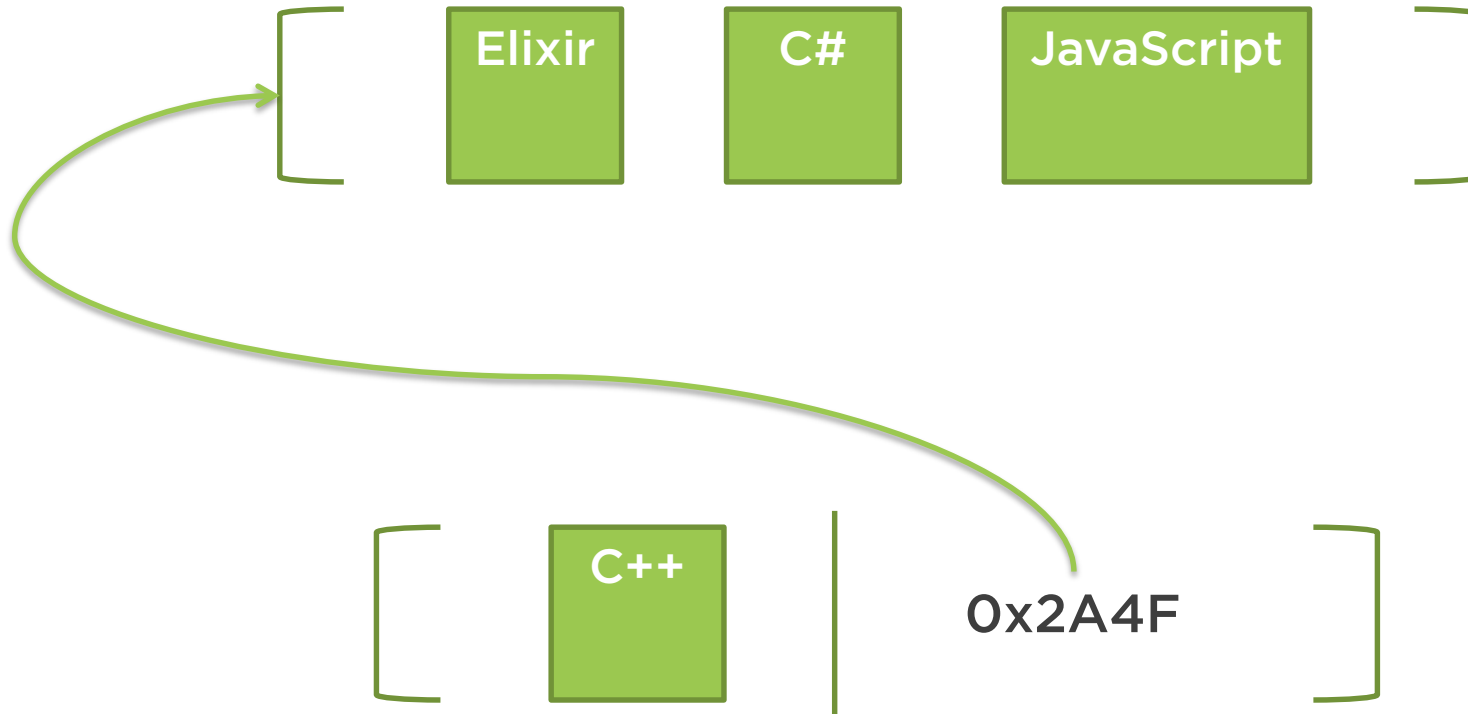
Immutability



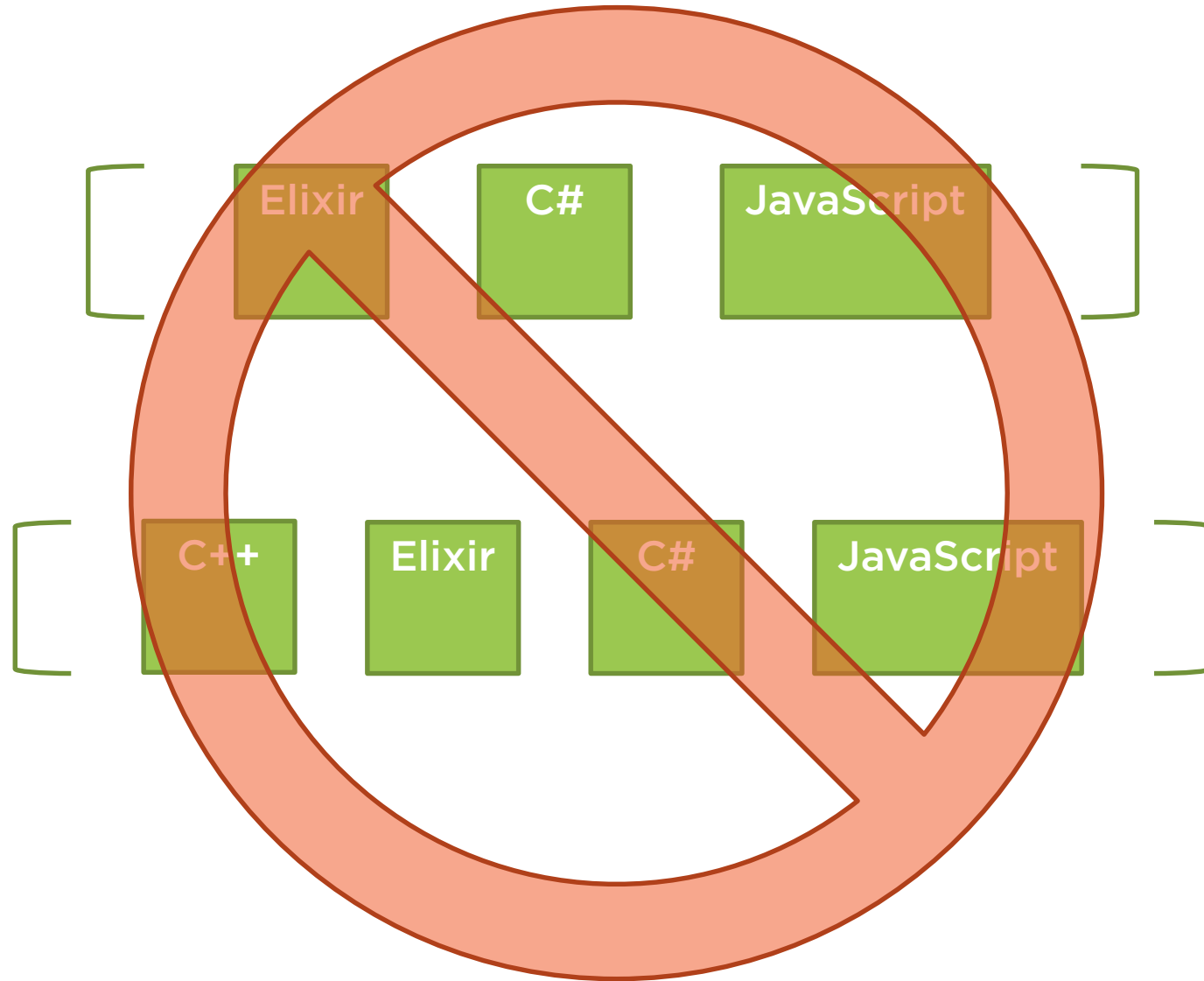
Adding a Value



Adding a Value



Adding a Value



Benefits of Immutability

Concurrency

Efficient Memory Use



Maps



Summary



Basic Types

- Numbers
- Atoms
- Maps

iex

Pattern Matching

Immutability



Coming Up:

Modules & Functions

