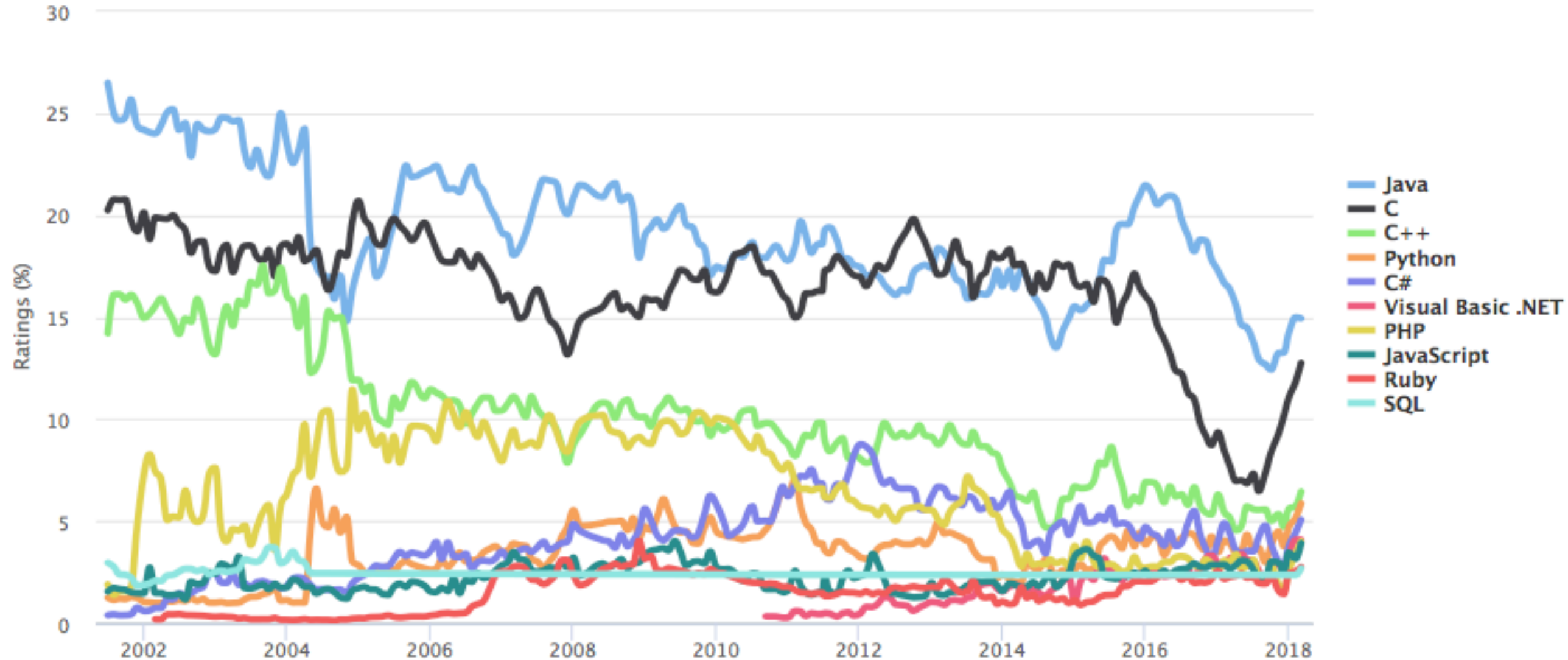


Programming Language C

TIOBE Programming Community Index

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<https://www.tiobe.com/tiobe-index>

With all its dialects is still the most popular programming language

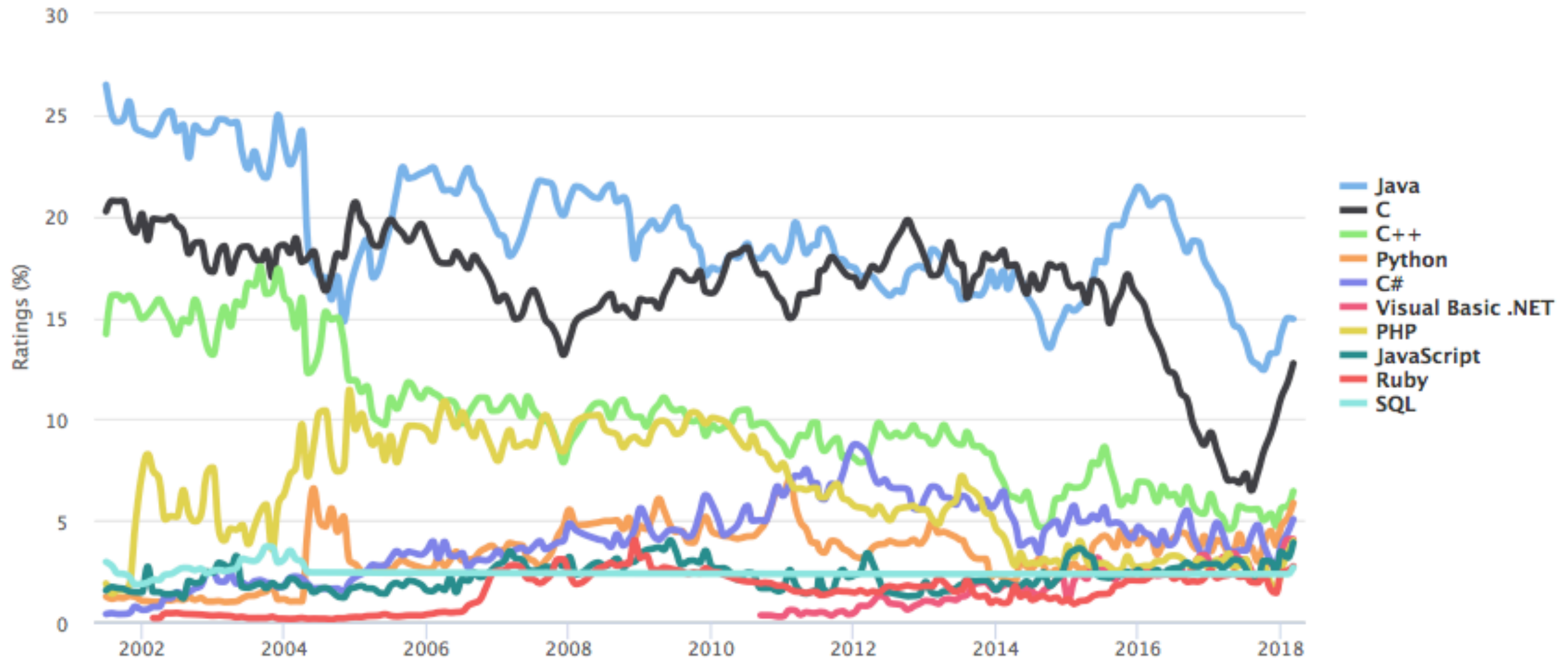
Why C?

- This course aims at much more than just learning how to code.
- The choice of programming language is important but not more important than many other choices made here.
- C is relevant, C* is simple.
- With imperative programming the notion of program state maps one-to-one to the notion of machine state.
- Seeing the pitfalls of imperative programming enables students truly appreciate other paradigms such as functional programming.
- In fact, awareness of state makes students understand the value of functional programming. This is nevertheless left to others to teach.

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