Programming Languages

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Systems IV

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Topic: Programming language trends

Main questions to discuss:

* Why are there so many programming languages out there?

Other questions to discuss:

1. What are some of the most popular programming languages?
2. What makes a programming language so popular?
3. What do some of these languages have in common?
4. Why do programmers have biases against certain languages?
5. Why are some languages used, despite obvious or glaring flaws?
6. How do all these languages affect new people coming into Computer Science? (What to learn?)
7. Programming languages are always popping up and dipping into obscurity, how do we deal with this instability when choosing a technology? What if it fails?
8. How do we teach programming if our skills become so quickly out of date?
9. Is one universal language achievable?

Target audience:

People in the computer science field who are curious about the design or propagation of programming languages throughout the industry. If you have an affinity towards learning new languages or want to know what languages to try or are just curious about why there are so many languages constantly coming out, and if it’s worth changing them.