Compilers

The Economy of Programming Languages
• Why are there so many programming languages?

• Why are there new programming languages?

• What is a good programming language?
Why are there so many programming languages?
Application domains have distinctive/conflicting needs.
Why are there new programming languages?
Claim: Programmer training is the dominant cost for a programming language.
Why are there new programming languages?
Claim: Programmer training is the dominant cost for a programming language.
What is a good programming language?
Application domains have conflicting needs.

Programmer training is the dominant cost for a programming language.