

# Ideals

- Integration with mainstream is essential
  - Share languages, tools, and techniques
  - No I'm not saying that it's easy
- Programming must be made easier
  - Higher level constructs
    - Not just arrays
  - Abstraction
- Portability must be made easy
  - Machine architectures change
- Scalability
  - Size of machine
  - Size of user population
  - Most ideas don't scale
- Production quality
  - Support
  - Trust
  - Takes years
  - Takes resources