

# Programming Language Design

Learn how to build better languages & libraries!  
But wait, what does “better” even mean?



## Safety

Do types in TypeScript actually prevent bugs?  
Use logic to find out!

## Usability



Is randomly generated language better than Perl?  
Run a user study to see!



## Convenience

Why do people keep “programming” in Excel?  
Study design trade-offs!

## Simplicity



Was programming in the 1980s easier than today?  
Learn from the past!

### Come to the opening lecture!

Tuesday, October 1 at 12:20, room S6  
Tomáš Petříček, [petricek@d3s.mff.cuni.cz](mailto:petricek@d3s.mff.cuni.cz)

