

# dependently-typed

A programming languages club at Georgia Tech

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Slides can be found at  
<https://github.com/dependently-typed/promo>

What is dependently-typed?

# About the club

- Programming languages (PL) and compilers club
- Open to undergraduate, graduate, and PhD students
- Weekly meetings on Tuesday, 6-7pm CCB 103
- Named after Richard Eisenberg's *Dependent types in Haskell: Theory and practice* [1]



# What do we do?

- Talks, workshops, and paper reading sessions
- Projects
- Networking and community building

# Talks

- Hosted during weekly meetings
- Examples:
  - ▶ Python internals
  - ▶ Lambda Calculus
  - ▶ Research papers
- Schedule:

<https://dtyped.netlify.app/wiki/schedule>

# Projects

- Adding a pipe operator to CPython
- Retrofitting a type system onto Lua
- Interpreter for Bel
- Learn more at  
<https://dtyped.netlify.app/wiki/projects/>

# Interested in getting involved?

Join the discord!





# hack-a-lang 0001

Learn how to write a  
programming language from  
scratch at hack-a-lang!



# Questions

- Website: <https://dtyped.netlify.app>

# Bibliography I

- [1] [Richard A Eisenberg](#). *Dependent types in Haskell: Theory and practice*. [University of Pennsylvania](#), 2016.