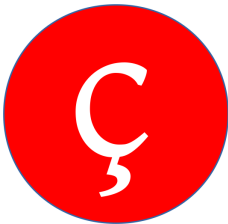


Introduction to Programming and Proving in Cedille



Chris Jenkins, Colin McDonald, Aaron Stump
Computer Science
The University of Iowa
Iowa City, Iowa

Plan for the tutorial

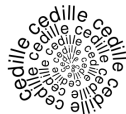


⊢ *CeDilLE*

cedille

c d ll

\leadsto cedille_{core}



Plan for the tutorial



Motivation and background for Cedille

\vdash *CeDilLE*

Syntax and semantics

`cedille`

Tooling: emacs frontend \leftrightarrow backend

`c d ll`

Spine-local type inference

\rightsquigarrow `cedillecore`

Elaboration to Cedille Core



Future directions