

A night landscape featuring a vibrant green aurora borealis (northern lights) dancing across a dark sky filled with stars. Below the lights, dark, jagged mountain peaks are visible, and a calm body of water reflects the scene. A semi-transparent graphic overlay, consisting of a triangle with a red-to-green gradient and a blue horizontal bar, is positioned in the lower right. The word "AURORA" is written in a white, hand-drawn, sketchy font across the blue bar.

# AURORA

Lambda Calculus IDE

# Aurora

...

Implementierung

Toolchain

# Toolchain

- Git

# Toolchain

- Git (obviously)

# Toolchain

- Git (obviously)
- Ant

# Toolchain

- Git (obviously)
- Ant
- Checkstyle

Environment



# Environment

- Protected master branch

# Environment

- Protected master branch
  - Everything went through Merge Requests

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- Continuous Integration

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- Protected master branch
  - Everything went through Merge Requests
- Continuous Integration
  - Build → Test → Deploy
- Continuous Deployment
  - Latest master on a real-life web server

Code

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- SessionEncoder



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  - JSONSessionEncoder

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- Function Term
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- Integrated CodeMirror in GWT
- State Machine in View
  - Enables and disables buttons

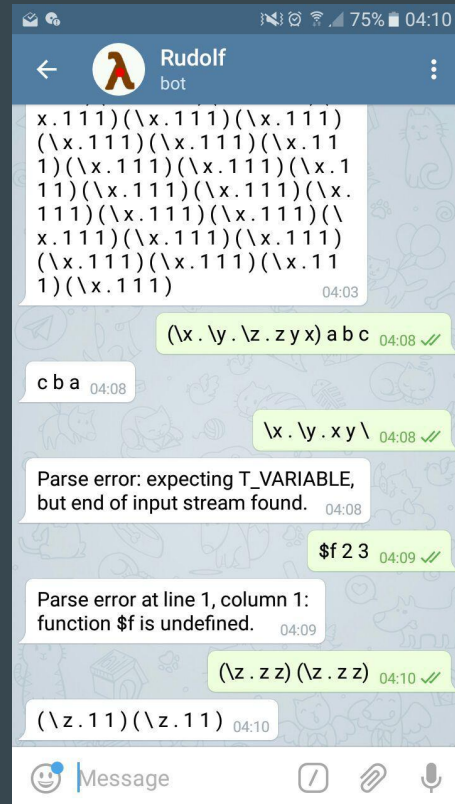
and...

and...

- A Telegram Bot that can reduce  $\lambda$  terms

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Stats

# Stats

- >1300

Commits

# Stats

- >1300 Commits
- >100 Issues

# Stats

- >1300 Commits
- >100 Issues
- >150 Merge Requests



# Stats

- >1300 Commits
- >100 Issues
- >150 Merge Requests
- >800 Pipelines

Demo

Thank you