

Evaluation of a Haskell Web Framework

- Evaluated a Haskell Web Framework by creating a website in two web frameworks
- Sites were deployed onto Amazon EC2 instances
- Various experiments were ran, including measuring page load speeds, load tests, and analysing resource usage

Yesod

- The Chosen Haskell Web Framework
- Some sites use Yesod, including Freckle Education

Django

- A very popular Python web framework
- Used for many popular websites, including Instagram and Disqus

Comparison Results

- Pages loaded around 200-500ms faster with Yesod, including when under Load
- Resource usage was slightly better for the Yesod website
- Thus, Yesod can keep up with Django and is a production-ready web framework