In the Belly of the Whale

Tales From Haskell In The Enterprise

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Flipstone circa 2018

7 devs (including partners) on 3 clients

4 people writing Haskell in some shape or form

3 people writing Java for an enterprise

Then we sold Haskell to the enterprise…

One Enterprise Haskell Team

4 client devs, 2 flipstone devs

Always onboarding

Keep it simple

Haskell codebases are highly tolerant to team change

Haskell becomes a personal trainer

Haskell codebases welcome aggressive refactoring

Haskell has prime interest rates for technical debt

3 years later

Four enterprise Haskell teams

~ 12 client devs

~ 8 flipstone devs

Haskell projects recognized at the highest levels of the enterprise

What parts of Haskell are key to the success of these projects?

Maybe

Function Totality

Purity and Immutability

Rich Data Type Modeling

Judicious use of language extensions in libraries

Tools from the community

Simple Haskell

Reliable, efficient, maintainable Haskell infrastructure

The enterprise is hungry for more

Challenges

Empathy

Thank You