Alpha Presentation

Optimizing Firefox Localization

The Capstone Experience

Team Mozilla

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Project Overview

- Converting legacy system to Fluent
- Process of localization
- Multistep process
  - Converting old string bundle formats
  - Adapting markup and JS files for Fluent
Project Overview

• Individual page migration

• Improving developer tools to speed up migration
  o More thorough testing
  o Assisted conversions
Project Overview

• Integrating optimized Fluent parser

• Benchmarking performance improvement
System Architecture
What’s left to do?

• Benchmark Rust file parser
• Continue creating additional tools
• Continue converting legacy files to Fluent
Questions?