Beta Presentation

Improvements to Firefox’s about:preferences

The Capstone Experience

Team Mozilla

Ian Ferguson
Zack Herrick
Avalon Long
Manotej Meka

Department of Computer Science and Engineering
Michigan State University
Spring 2017
Project Overview

• Reorganization & UX Improvements
  ▪ Reorganize content to more relevant sections
  ▪ Clean up inconsistent styling within preferences

• Keyword Search Functionality
  ▪ Filter preferences content based on keywords
  ▪ Hide and show relevant sections for fast and efficient search
System Architecture

The Capstone Experience

Team Mozilla Beta Presentation
Screen Shot: Tab Reorganization (Before)
Screen Shot: Tab Reorganization (After)
Screen Shot: Search Functionality

Search Results

Forms & Passwords
- Remember logins and passwords for sites
- Use a master password

Take Your Web With You
Synchronize your bookmarks, history, tabs, passwords, add-ons, and preferences across all your devices.

Connect with a Firefox Account
Create Account | Sign In

Download Firefox for Android or iOS to sync with your mobile device.
Screen Shot: Search Suggestions
What’s left to do?

• Fixing bubbles/tooltips
• Improving tries data structure
• Writing more test cases
• Getting updates into Nightly
• Improving telemetry probes
• Improving element structures to contain text nodes
Questions?