

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Improvements to Firefox's about:preferences

The Capstone Experience

Team Mozilla

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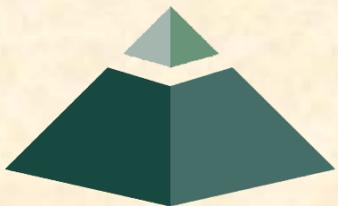
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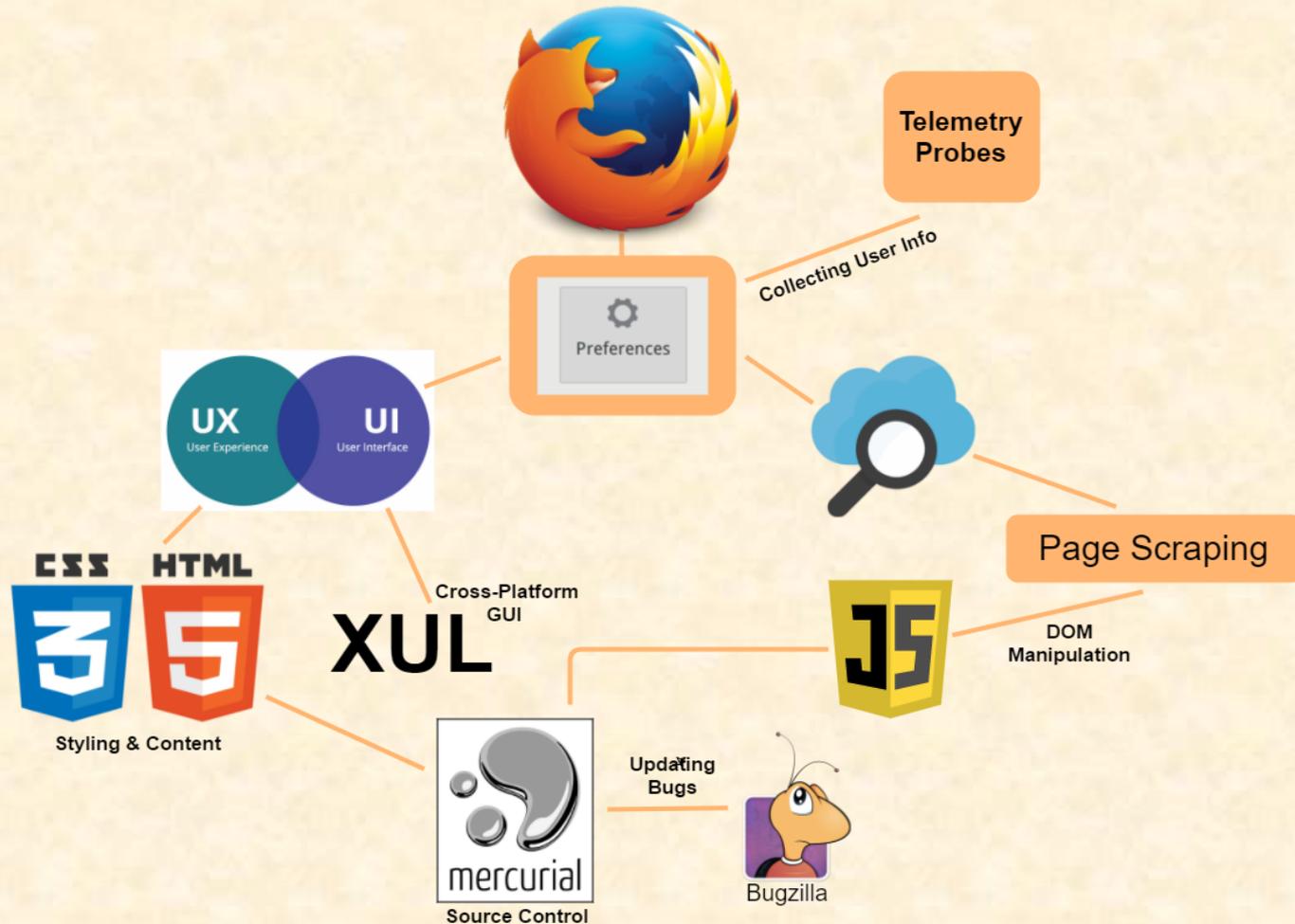
*From Students...
...to Professionals*

Project Overview

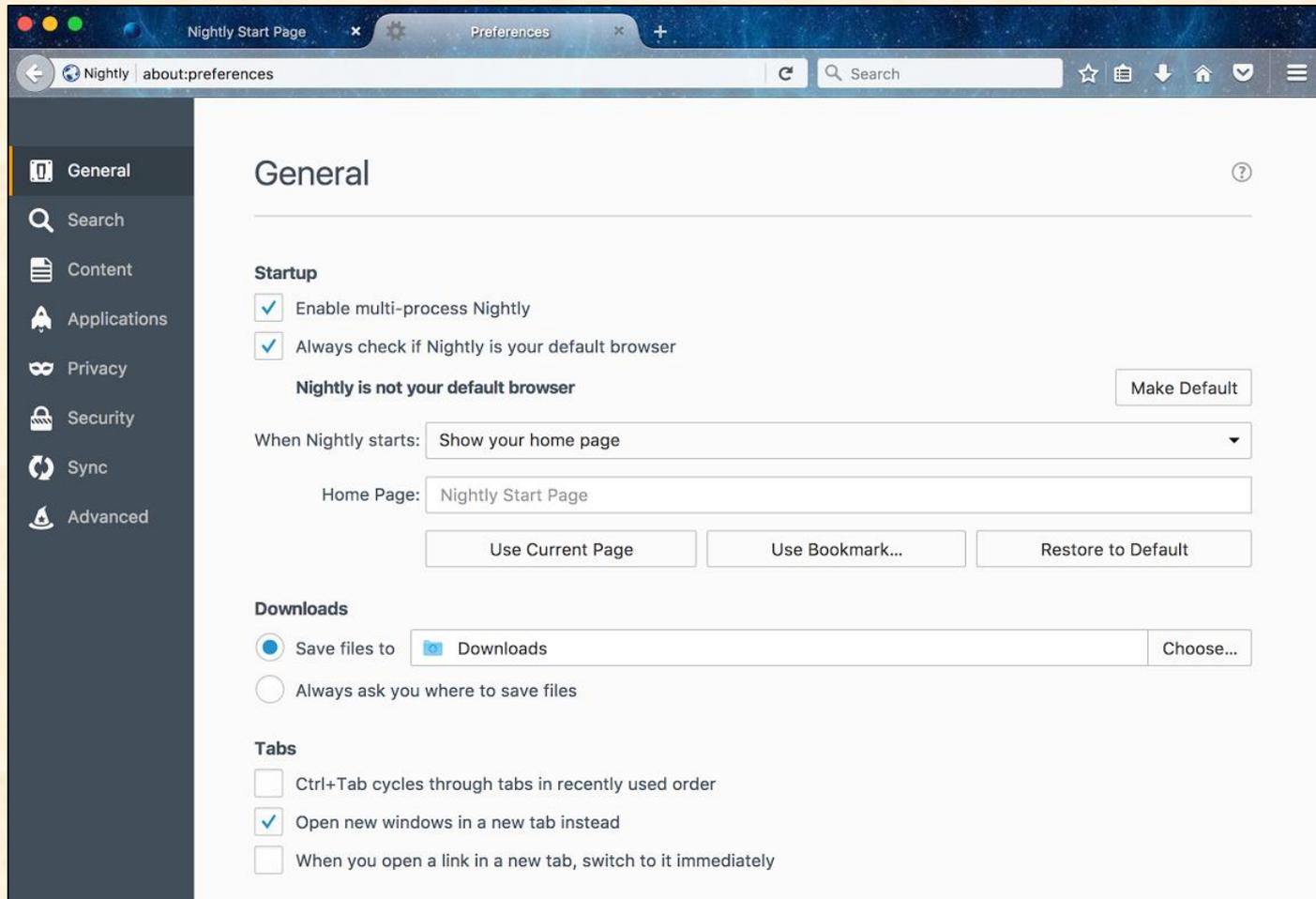
- Reorganization & UX Improvements
 - Reorganize content to more relevant sections
 - Clean up inconsistent styling within preferences
- Keyword Search Functionality
 - Filter preferences content based on keywords
 - Hide and show relevant sections for fast and efficient search



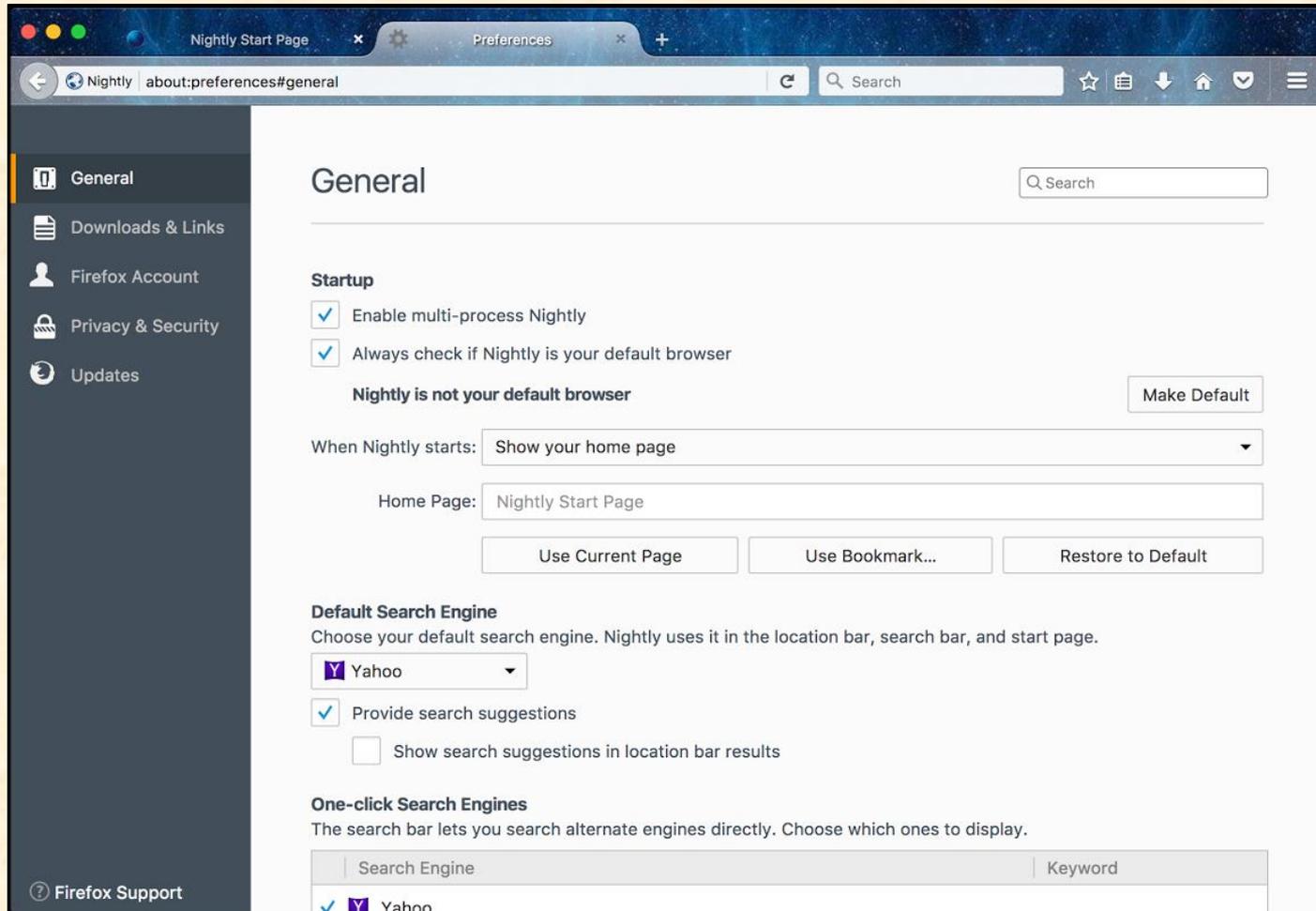
System Architecture



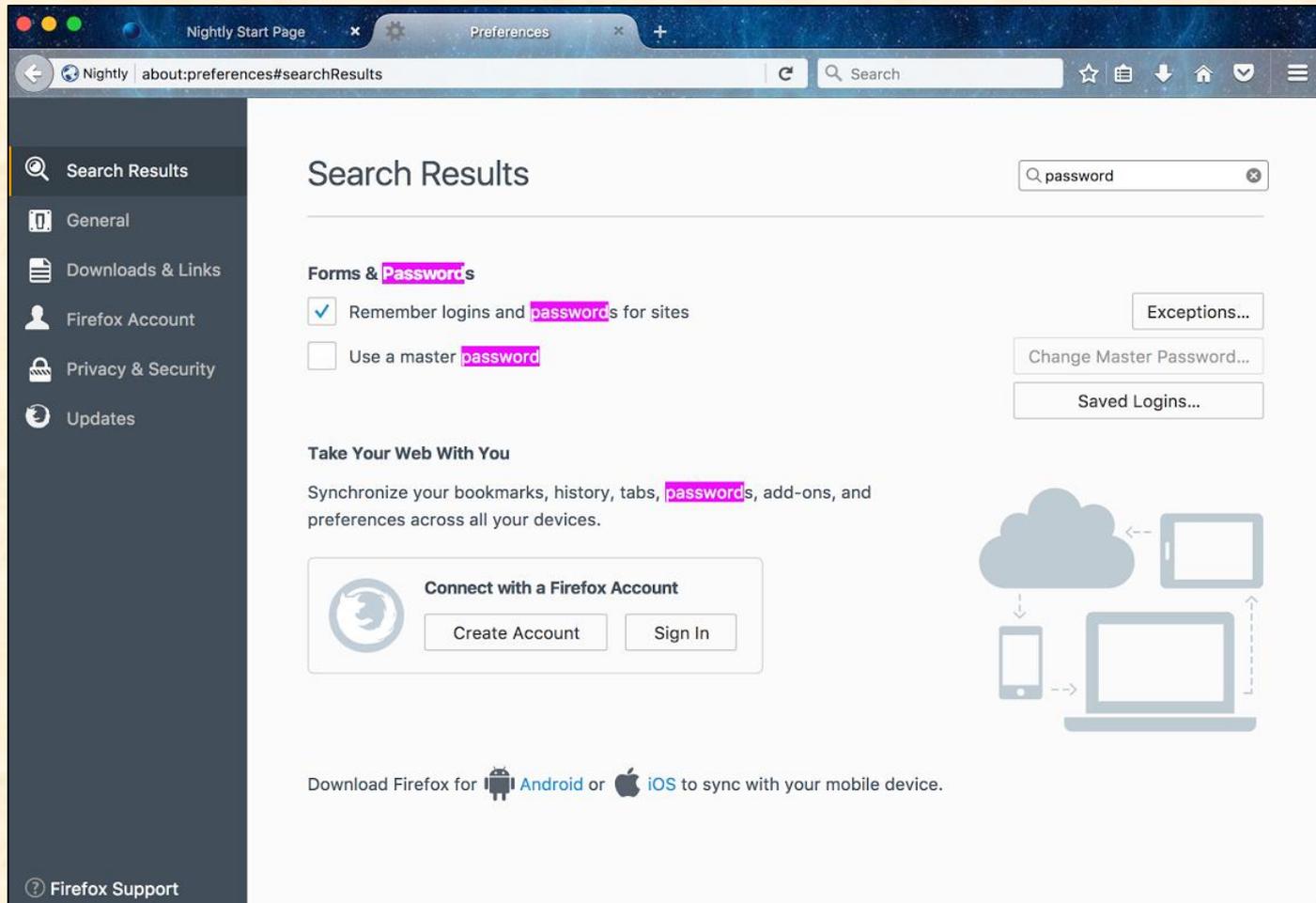
Screen Shot: Tab Reorganization (Before)



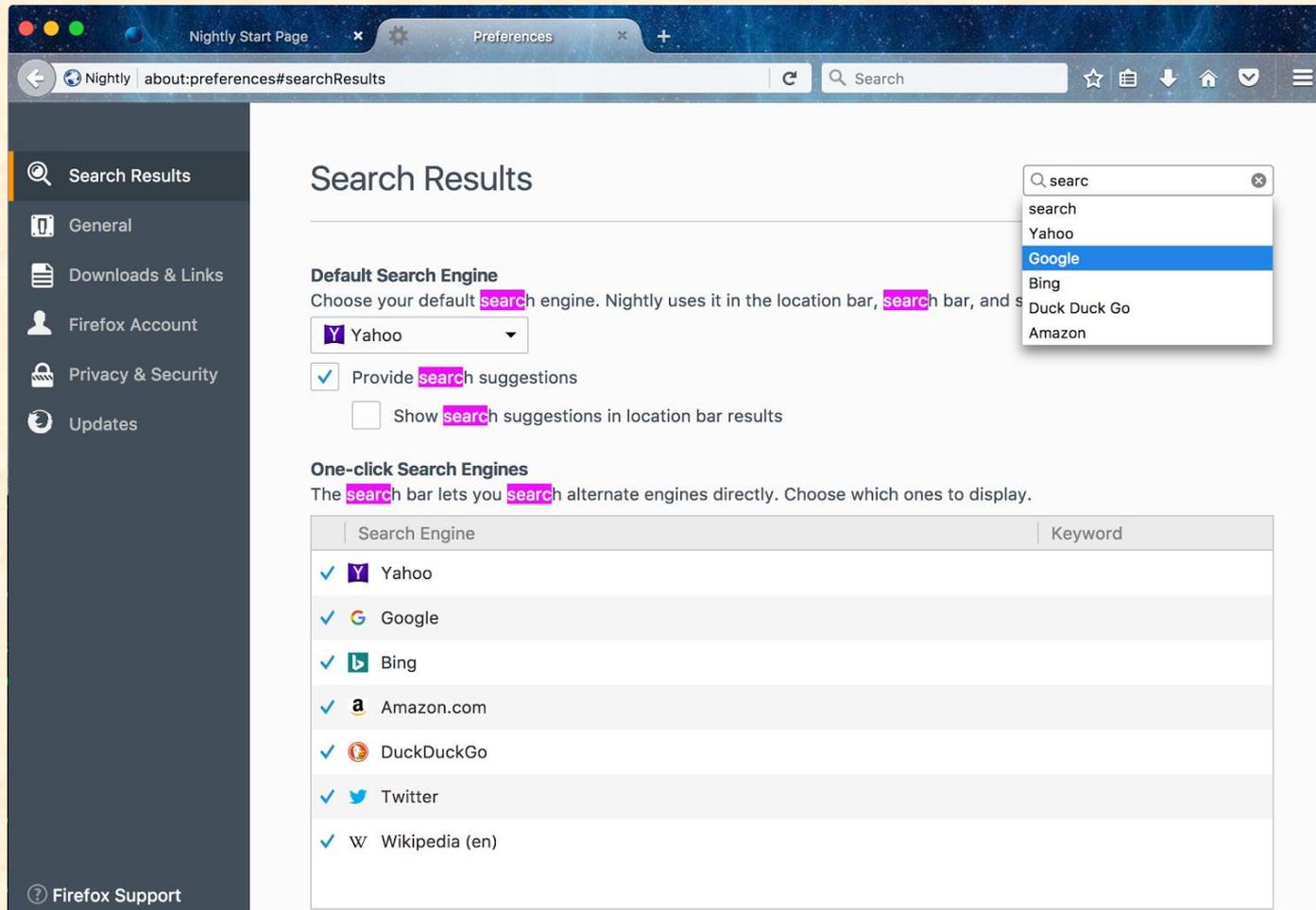
Screen Shot: Tab Reorganization (After)



Screen Shot: Search Functionality



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?

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