

**MICHIGAN STATE**  
**UNIVERSITY**

# Alpha Presentation

## Dark Theme Darkening

The Capstone Experience

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

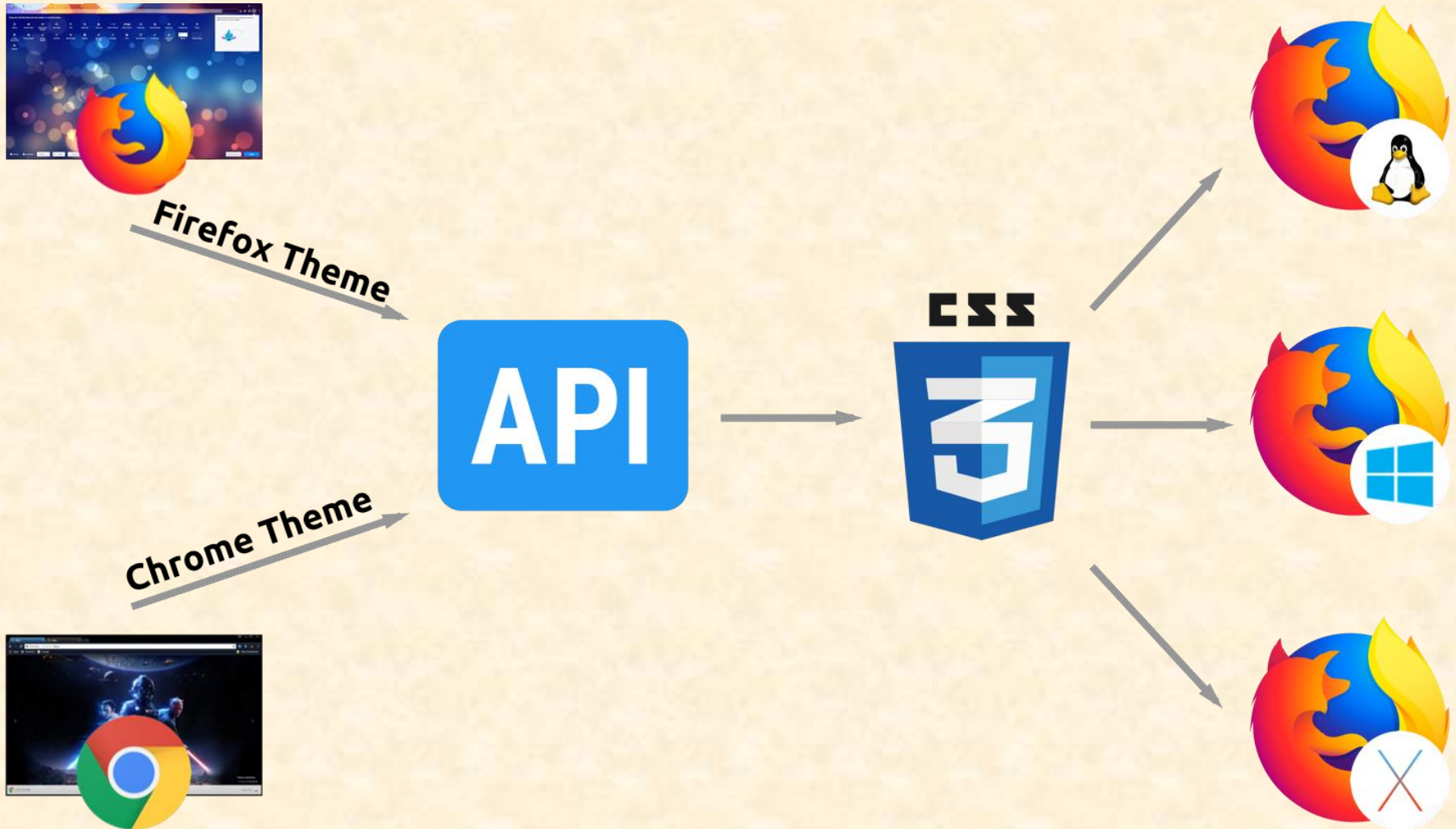
Department of Computer Science and Engineering  
Michigan State University  
Spring 2018

# Project Overview

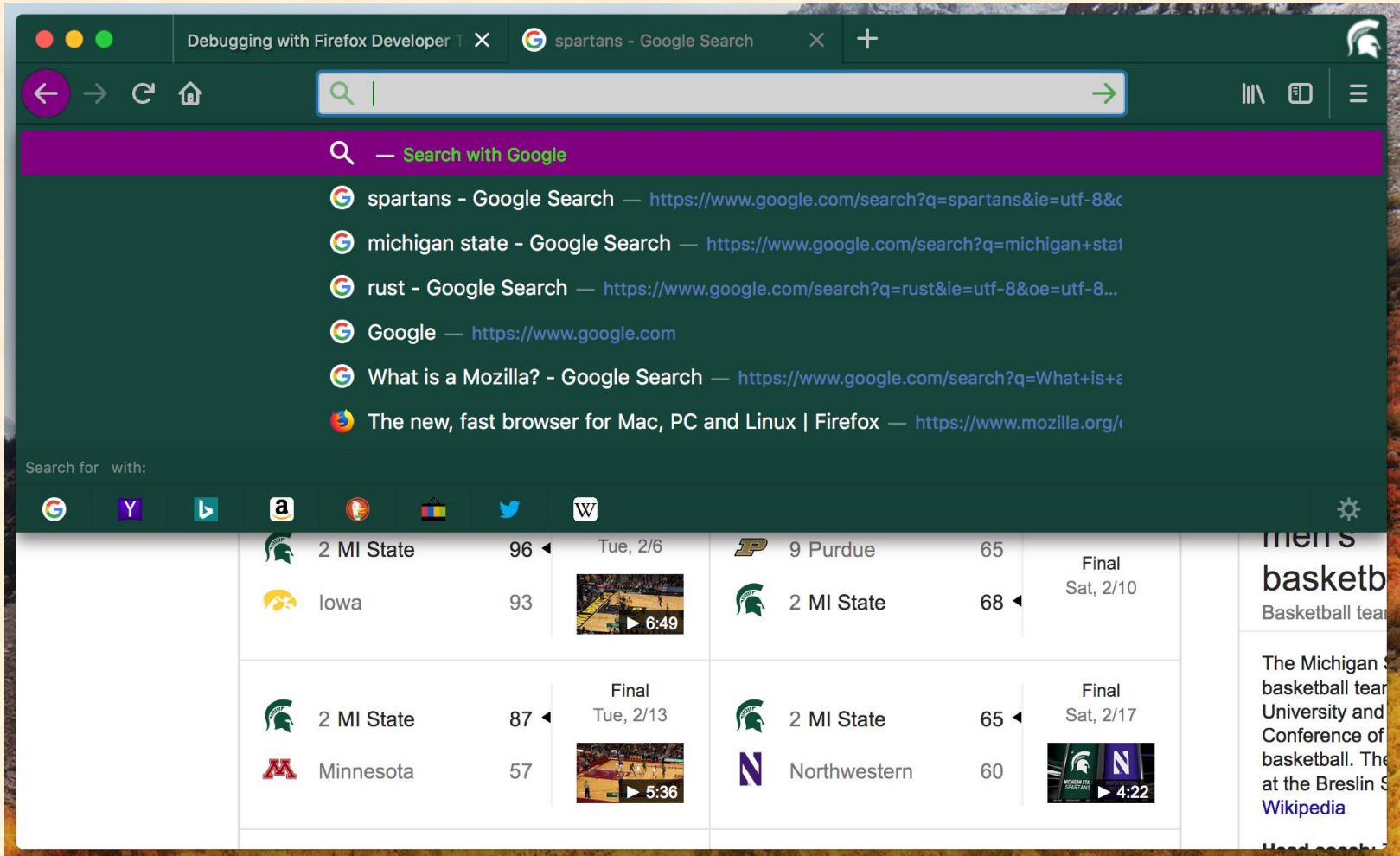
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- Expand Firefox theming API to cover more of the browser
- Add compatibility for Google Chrome theme properties in Firefox
- Update default Firefox Dark Theme to reflect changes

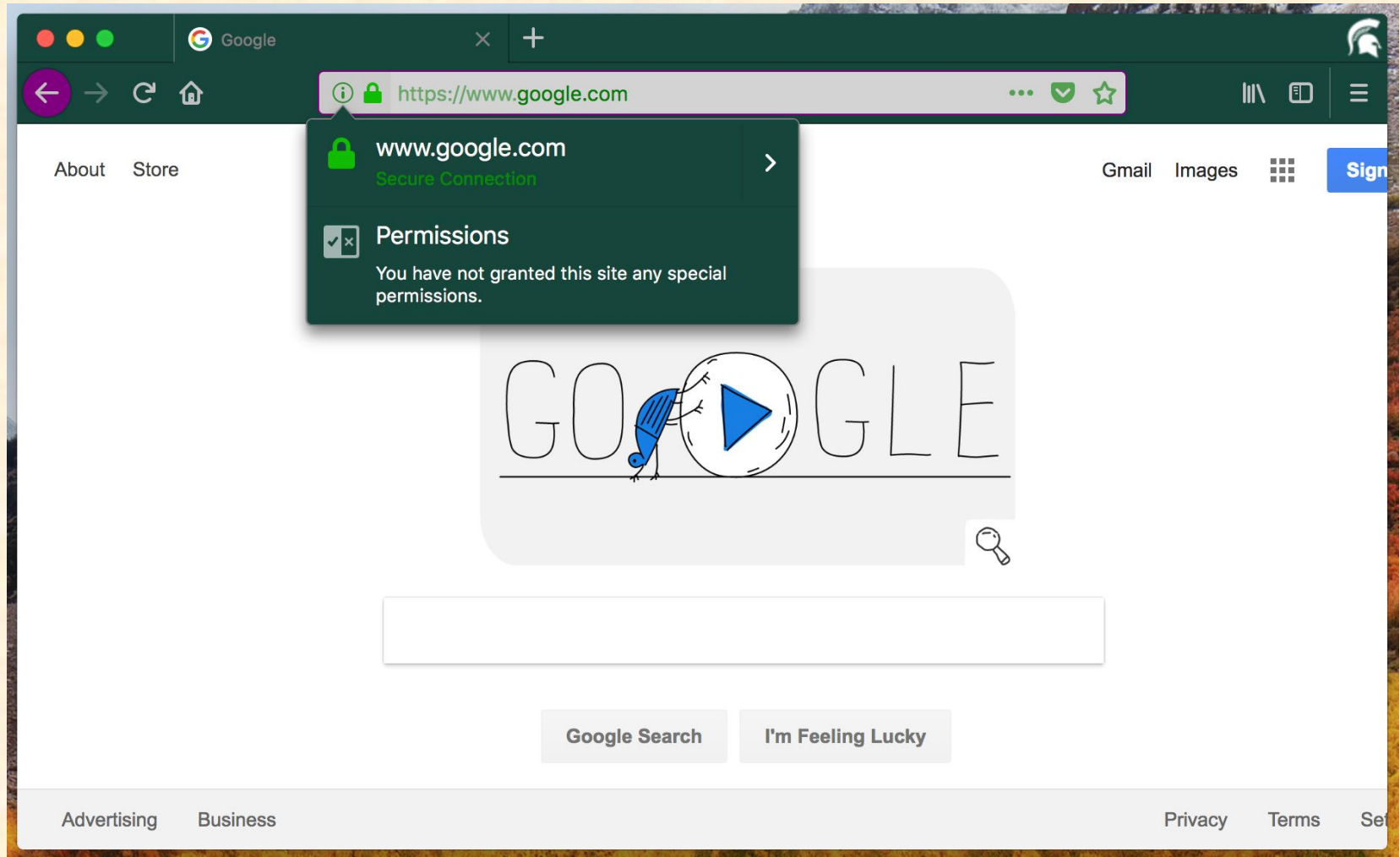
# System Architecture



# Auto-Complete Styling

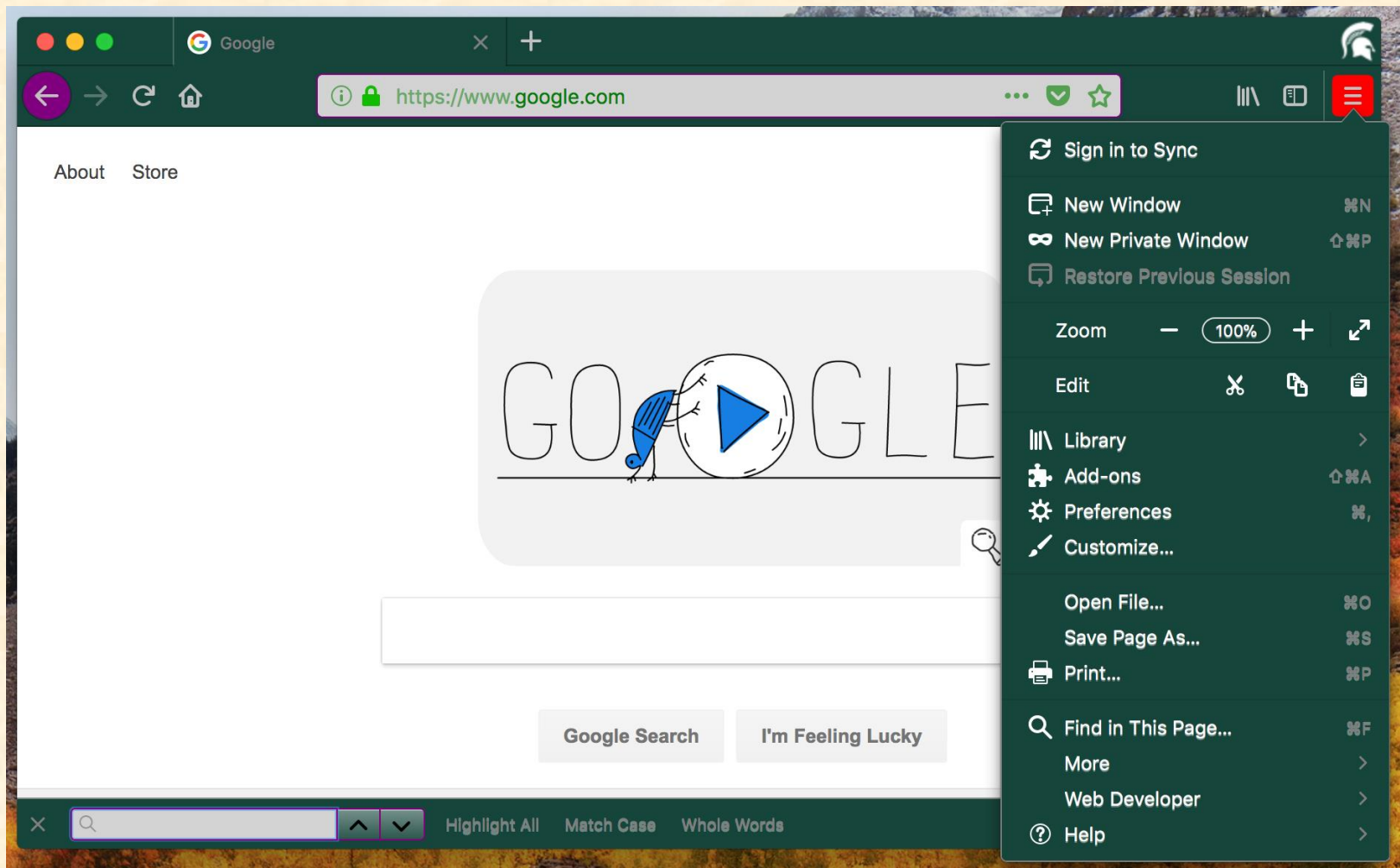


# Popup Styling





# Find Bar and Menu Styling

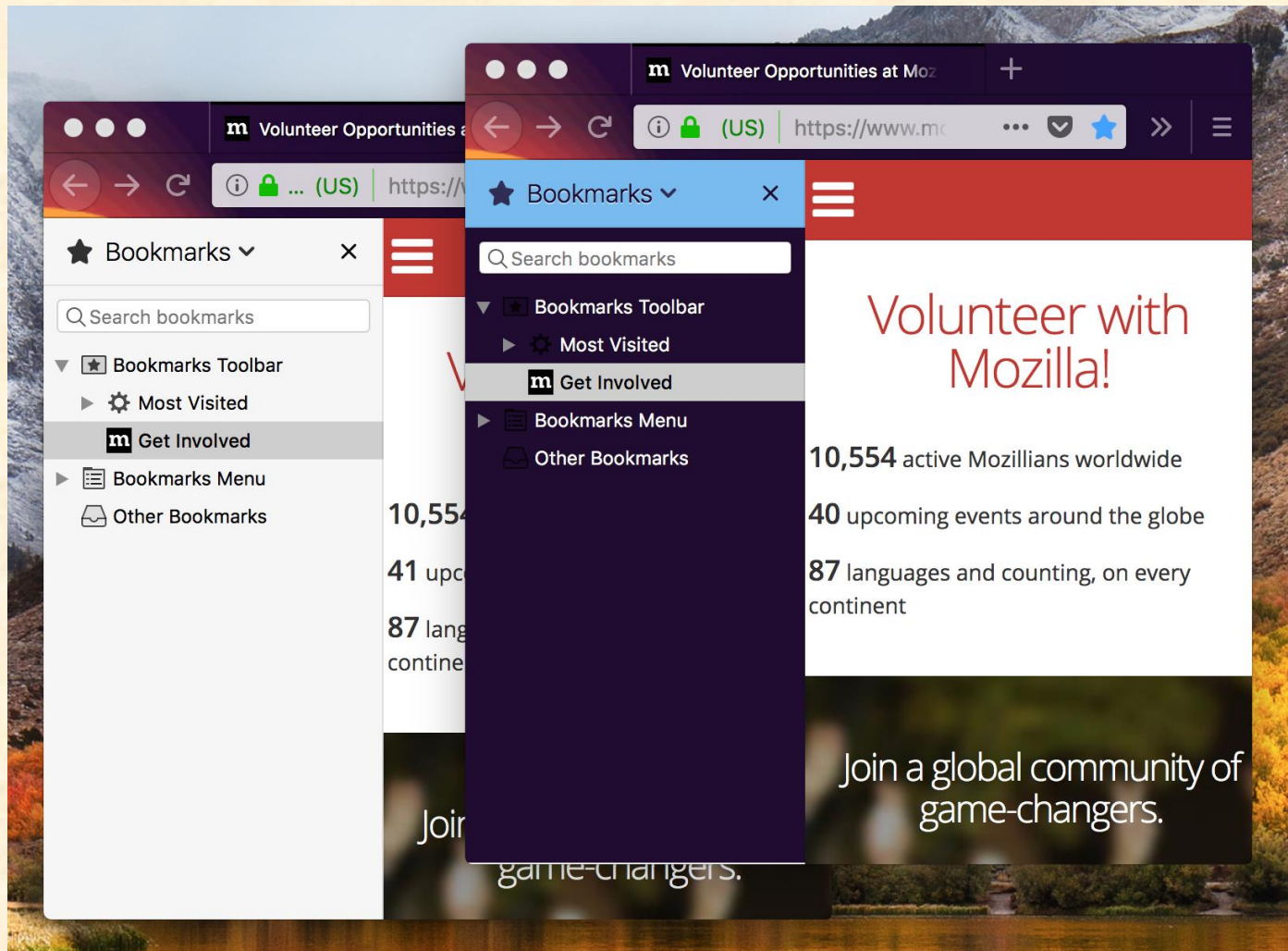


# What's left to do?

- Add support for sidebar/in-product styling and add functionality for the default dark theme
- Allow theming toolbars for idle, hover and focused states
- Allow theming tab close button colors for both hover and idle states
- Allow customization of the background tab text color and background color for the hover state
- Implement remaining Google Chrome theme properties into Firefox for complete compatibility

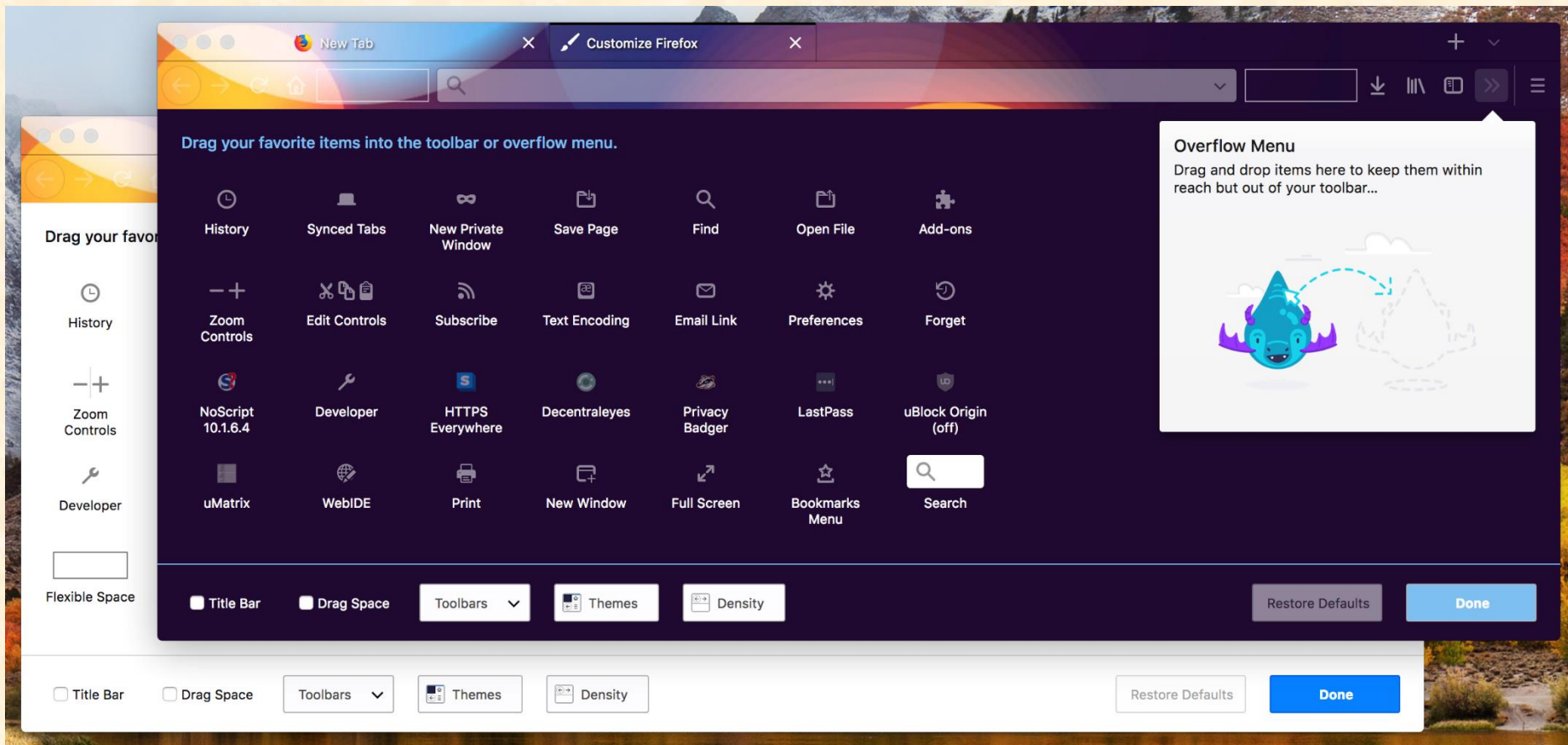


# [What's Next] Sidebar Styling





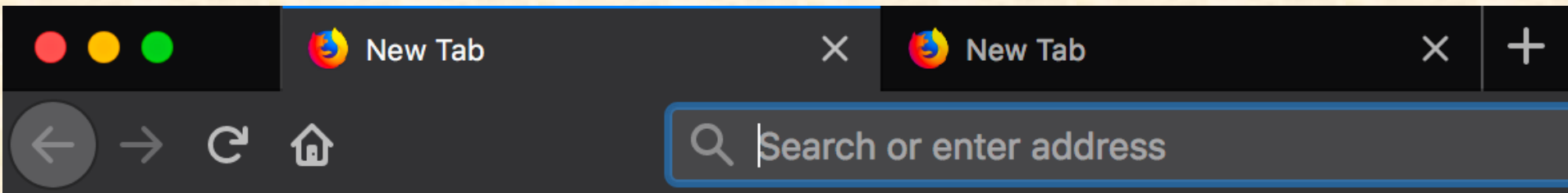
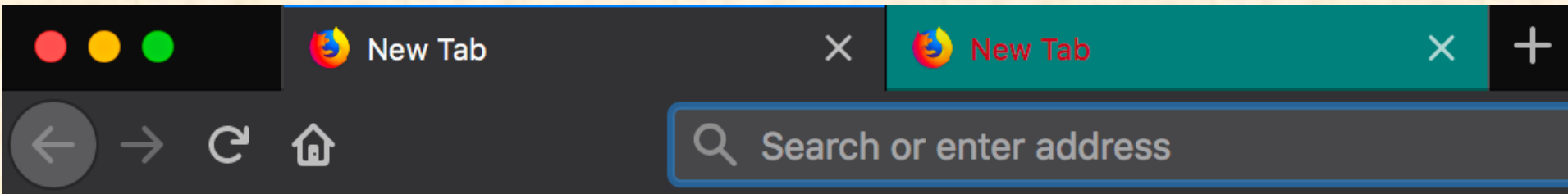
# [What's Next] In-Product Pages



# [What's Next] Tab-Closed Buttons



# [What's Next] Background Tab Styling



# Questions?

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