



Revamping Firefox's Migrator



Team Members: Alvin Lew, Angel Villalobos, Ani Movesian, Brian Pham, Bryan Macoy, Evan Liang, Nolan Ishii, Portia Wu, Steven Wang, Zachariah Harris
Faculty Advisor: Dr. Chengyu Sun
Project Sponsor: Mozilla Foundation
 Department of Computer Science
 California State University, Los Angeles



BACKGROUND

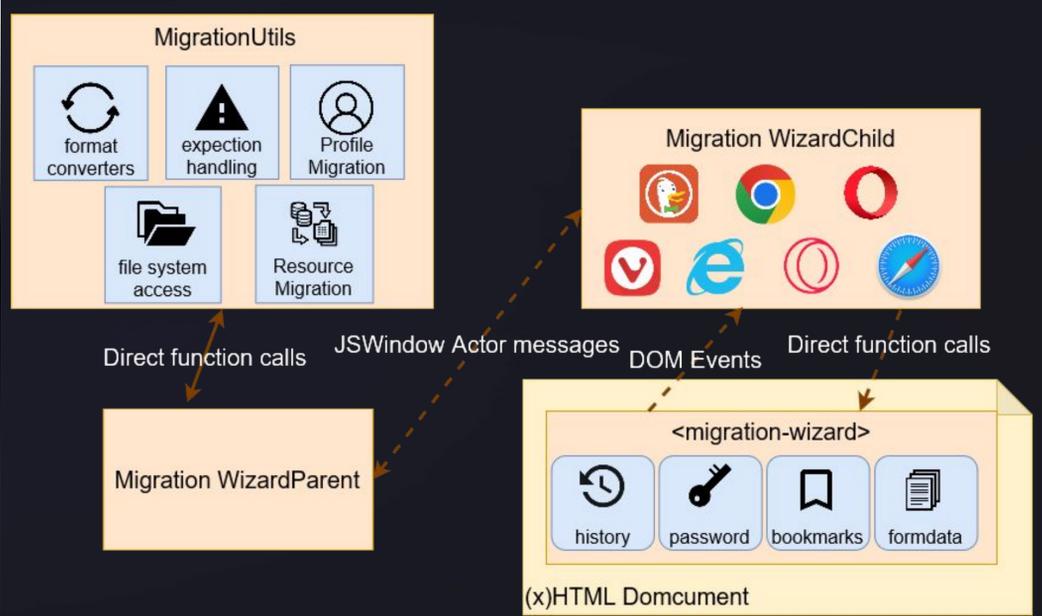
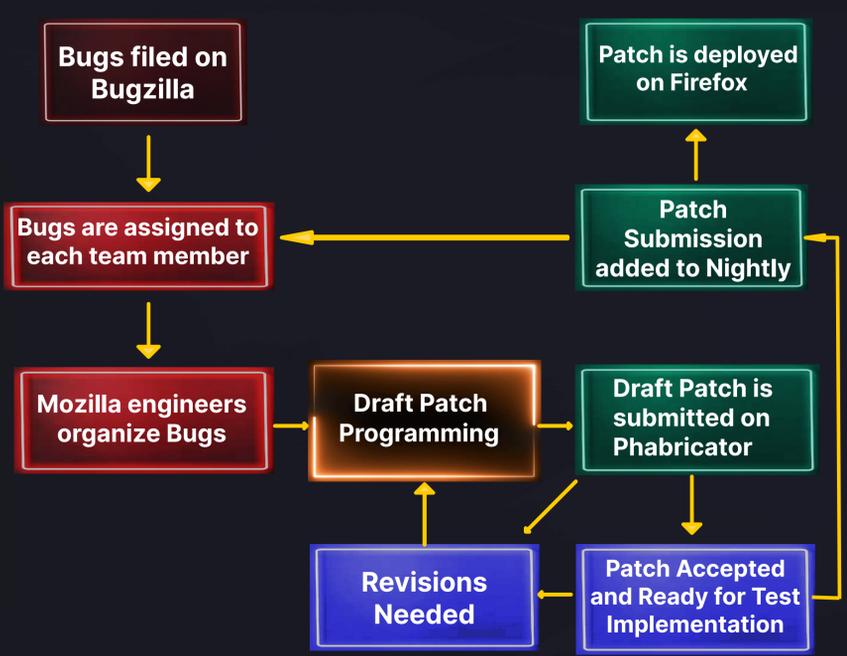
Web browsers typically allow users to import/migrate their existing data, such as bookmarks. Although Firefox already had a migrator, it was clunky and outdated. Our senior design project aimed to address this issue, with our changes added to Firefox's public release.



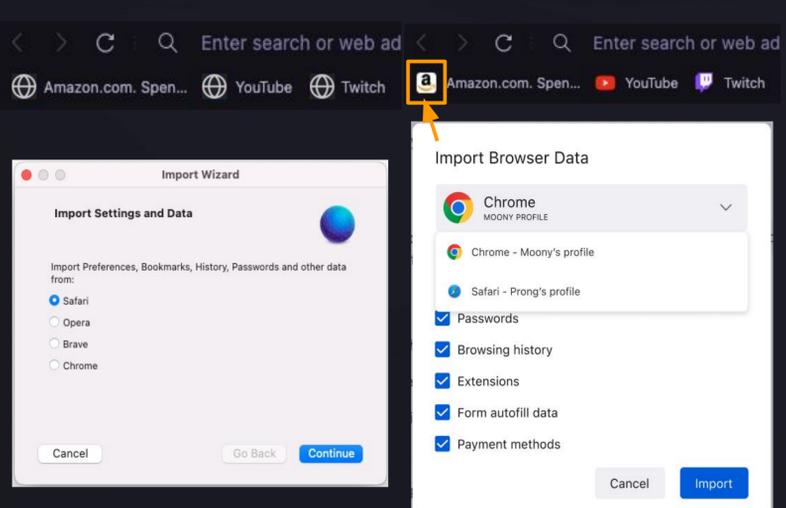
OBJECTIVES

- Improve user experience
- Redesign the old user interface to be simpler with a modern theme
- Add migration support for more browsers and data
- Create unit tests for newly added features

DEVELOPMENT PROCESS



RESULTS



Before → **After**

Browser Migrators	Safari	Chrome	Chromium Snap	Opera	OperaGX	Internet Explorer	Vivaldi
Import history and bookmarks		✓	✓	✓	✓		✓
Import bookmark favicons		✓	✓			✓	
Import addresses		✓					