

IT 480: Project

Software Quality Assurance & Testing

By: Yohannes Habte

My Projects

Privacy Badger

Browser extension

Refined Github

Browser extension

Implemented concepts from covered topics



- Issue #2576
 - White-Box Testing
 - Browser-based debugging tools
 - Compatibility Testing
 - Browser Compatibility
 - Non-functional Testing
- Issue #2572
 - Functional Testing
- Issue #2530



- Issue #2514
 - Black-Box Testing
 - Compatibility Testing(Browser)
 - Non-functional testing
- Issue #2331
 - White-Box Testing
 - Functional Testing
 - Integration Testing
- Issue #2462
 - White-Box Testing
 - Debugging
- Issue #2513
 - White-Box Testing(External APIs)

Web Tools & expertise utilized

JSON

Javascript

typescript

HTML,
CSS, YAML

debugging

Chrome
developer
Tools
(console)

Cookies &
Web
beacons

Fingerprinting

What is Refined Github?

- Refined-Github is web browser extension
- It's available for Chrome, FireFox and other browsers.
- It creates a lot of feature enhancements for GitHub users to give extra functionalities.
- GitHub implemented 20 of the enhancements and features that used to be part of Refined GitHub

What is Privacy Badger?

- Privacy Badger is another web browser extension to help protect its users from tracking, intrusive ads and other online phenomena.
- It's available for Chrome, and Firefox.
- One of the most common open source alternative to Ghostery, Ublock and adblock.
- Is made by Electronic Frontier Foundation

Contributor guidelines for Refined Github

- You will need to be familiar with [npm](#) and TypeScript to build this extension.
- The extension can be loaded into Chrome or Firefox manually ([See notes below](#))
- [JSX](#) is used to create DOM elements.
- All the [latest DOM APIs](#) and JavaScript features are available because the extension only has to work in the latest Chrome and Firefox. 🎉
- Each JavaScript feature lives in its own file under [source/features](#) and it's imported in [source/content.ts](#).
- Some GitHub pages are loaded via AJAX/PJAX, so some features use the special `onAjaxedPages` loader (see it as a custom "on DOM ready").
- See what a *feature* [looks like](#).
- Follow [the styleguide](#) that appears in the Readme's source to write readable descriptions.
- Refined GitHub tries to integrate as best as possible, so [GitHub's own styleguide](#) might come in useful.

Contributor guidelines for Privacy Badger

- If a site is broken, we have written a [guide to fixing broken sites](#).
- Want to help translate Privacy Badger? Working on a pull request that involves updating translations? Please see our [guide to translating Privacy Badger](#).
- To review issues we would like help with, visit our "[good first issue](#)" and "[help wanted](#)" labels.
- When making changes to Privacy Badger's code, please consult our [developer](#) and [automated testing](#) guides.
- When interacting with us, please remember to follow [EFF's Public Projects Code of Conduct](#).
- Security vulnerabilities can be reported privately to vulnerabilities@eff.org. Please see our [Security Vulnerability Disclosure Program](#) for the GPG key and more information.

Refined  GitHub

Issues

Resolved Issue #1

★ Status: Resolved

Refined Github

Refined-Github Repo Issue #2530

<https://github.com/sindresorhus/refined-github/issues/2530>

Tags: Bug, GFI, Help wanted

Title: Console Errors

Description of Issue and my solution

- There are a couple of console errors as a result of refined gif not reading property values on certain pages
- Fixed three of the console errors(cannot read property) that come up
(Demonstration for presentation)
- Heavily used chrome dev tools' console, developer mode extension debugger and another debugging tool in the sources tab(for breakpoints and stepping through)
- Have not passed the test cases yet

Reported By: yakov116

<https://github.com/sindresorhus/refined-github/issues/2530>

Resolved Issue #2

★ Status: Resolved

Refined Github


Refined-Github Repo Issue #2572

<https://github.com/sindresorhus/refined-github/issues/2572>

Tags: Bug, Help wanted Type:

Title: Comment edit icon hides in the dots menu after you react to a comment

Description of Issue and my solution

- You lose the functionality to edit comments(this icon  is hidden under the dots) after you use the reaction feature once.
- Functionality breaking issue(unless extension is disabled)
- used chrome dev tools' console, temporary css changes to seek out the source for the issue. Fixed with modifying the box model through the javascript after the event

Reported By: Charlike Mike Reagent

<https://github.com/sindresorhus/refined-github/issues/2572>

Resolved Issue #3

★ Status: In progress

Refined Github

Refined-Github Repo Issue #2576

<https://github.com/sindresorhus/refined-github/issues/2576>

Tags: Bug, Help wanted Type: UI, CSS

Title: z-index problem when modal is opened in issue detail page

Description of Issue and my solution

- When a modal is open, some of the background elements start crossing through each other or popping outwards
- used chrome dev tools' console, temporary css changes to seek out the source for the issue. Then used chrome extension developer mode.
- Fixed by changing the z-index of the elements as well as the modal dynamically as soon as the popup is detected

Reported By: Üsame Fethullah AVCI

<https://github.com/sindresorhus/refined-github/issues/2576>



Privacy Badger

Issues

Reported Issue #1

★ Status: Successful Reporting

Privacy Badger

Github PrivacyBadger Repo Issue #2514

<https://github.com/EFForg/privacybadger/issues/2514>

Tags: Bug, UI, UX Type: Browser Compatibility

Title: The slider widgets on the main extension window have very inconsistent response to mouse action

Version of systems

- MAC O.S. 10.15.1
- Chrome V. 78.0.3904.108
- Privacy Badger V. 2019.11.18

Reported By: Myself

- ➔ Detailed Description
- ➔ Steps To Reproduce Problem
- ➔ Actual Behavior
- ➔ Expected Behavior

◆ [Link Below](#) or [here](#)

<https://github.com/EFForg/privacybadger/issues/2514>

Resolved Issue #4

★ Status: Resolved(email dev for PR permission)

Privacy Badger

Github PrivacyBadger Repo Issue #2331

<https://github.com/EFForg/privacybadger/issues/2331>

Tags: Bug, Widgets Type: UI, Integration Issue

Title: Soundcloud widgets are not reliably replaced

Description of Issue and my solution

- Embedded soundcloud widgets don't have any kind of control to play/pause, or sometimes the widgets aren't even displayed
- Functionality breaking issue. Returns to normal when privacy badger is disabled
- used the guide to fixing broken sites from the contribution guideline
- Particularly yellow-listing the domain and fixing the widget replacement or using iframe for embedding fixes the issue

Reported By: Tuomas Hietala

<https://github.com/sindresorhus/refined-github/issues/2576>

Resolved Issue #5

★ Status: Resolved

Privacy Badger

Github PrivacyBadger Repo Issue #2462

<https://github.com/EFForg/privacybadger/issues/2462>

Tags: Broken site Type: UI, Integration Issue

Title: Runkit being blocked

Description of Issue and my solution

- Runkit is a code integration tool for websites to easily integrate pieces of code with syntax marking, better visual and more features
- If privacy badger is active, runkit doesn't appear on sites that embed it
- Yellow listing the domain doesn't fix the issue
- Using the contribution guidelines for broken sites, first fixed the do not track policy issue then allowed different domain used by runkit for embedding

Reported By: Phillip Chao

<https://github.com/EFForg/privacybadger/issues/2462>

Resolved Issue #6

★ Status: Currently working on it

Privacy Badger

Github PrivacyBadger Repo Issue #2513

<https://github.com/EFForg/privacybadger/issues/2513>

Tags: Bug, first party Type: Integration Issue

Title: Link cleaning not working on messenger.com

Description of Issue and my solution

- When users get messages that contain a link through messenger, link cleaning doesn't work as it does for facebook(parent site)
- Misses purpose of extension, thus functionality issue is present
- Fixed by adding messenger's different domain to already existing facebook's tracking removal script

Reported By: Phillip Varun Gupta

<https://github.com/EFForg/privacybadger/issues/2462>

1. <https://github.com/sindresorhus/refined-github>
2. <https://github.com/EFForg/privacybadger>