

# **RegEx Search & Replace Extension for Chrome and Firefox**

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## Abstract

The aim of this project was to build a browser extension to allow users to search and replace text with regular expressions in editable text input fields of web pages.

After evaluating existing extensions that were unsuccessfully attempting to implement this functionality, the new extension has been carefully designed, developed, and finally successfully released for Chrome and Firefox browsers.

In addition to the future-rich search and replace function, this plugin also adds the ability to save favorite patterns, store search history, or predefine text templates that can be inserted into the editable area of a page.

The software followed an iterative development process, where user feedback was collected via several means, including Google Analytics, which was used to track user interaction, and a support website used to collect user feedback comments.

After the initial release, about twenty updates have been subsequently released over the span of a few months. This iteration was further supported by automated tests of several kinds.

The extension has received excellent reviews and at the time of writing is installed on over 2000 devices.

## Acknowledgements

Acknowledgements go here.

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# **Chapter 1**

## **Introduction**

### **1.1 Using Sections**

Divide your chapters into sub-parts as appropriate.





# **Chapter 2**

## **Background**



# **Chapter 3**

## **Design**



# **Chapter 4**

## **Implementation**



# **Chapter 5**

## **Evaluation**





# **Chapter 6**

## **Conclusions**



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