Comenius University in Bratislava
Faculty of Mathematics, Physics and Informatics

Trusted Types integration into open source frameworks and libraries

Masters Thesis

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Abstrakt

Kľúčové slová: Trusted Types, Web APIs

Abstract

Trusted Types is a modern Web API which aims to reduce DOM XSS attack surface in web applications. They give you the tools to write and maintain applications free of DOM XSS vulnerabilities by making the dangerous web API functions secure by default. Currently, they are supported in Chrome, Edge and Opera.

Integrating Trusted Types in web application requires code changes. The problem is when these changes need to be made in third party code which you can't easily modify. Trusted Types support in open source projects is gradually improving and our plan is to analyze these integrations and implement one or more of the challenging ones.

Keywords: Trusted Types, Web APIs

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