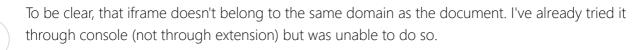
Inject javascript in an iframe using chrome extension

Asked 10 years, 6 months ago Modified 2 years, 10 months ago Viewed 20k times



There are lots of questions/answers on injecting javascript into the document page. What I really want to do is inject javascript in an iframe within the document.

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I'm very curious if this is something that can be done using a chrome-extension?

1

```
javascript jquery google-chrome iframe google-chrome-extension
```

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1 Answer

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Yes, you can use content scripts property in manifest.json like this:





"content_scripts": [{
 "matches": ["http://*/*", "https://*/*"],
 "js": ["content_frame.js"],
 "all_frames": true
}],



By setting all_frames to true you will inject/include content_frame.js javascript file into top document and all iframes. In case you just need javascript injected in iframe but not in top document you can check inside your content_frame.js file like this:



if (parent === top) {
 // here you can put your code that will run only inside iframe
}

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answered Oct 10, 2013 at 6:09



I'm just a beginner, I've coded only one extension till date. Do you have any complete example or any link I can go through. - coding_idiot Oct 10, 2013 at 6:12

content_scripts. I hope it's more clear now? – Igor Jerosimić Oct 10, 2013 at 16:18

4 You can use include_globs and exclude_globs to target specific frames instead of doing an if statement in your script: developer.chrome.com/extensions/content_scripts#include_globs – jkupczak Feb 6, 2017 at 20:34

This unfortunately does not work on iframes with empty src="" - programatically created and populated documents. - Mihaly KR Dec 18, 2018 at 9:31

I think the logic to check whether in an iframe or not is not **parent === top** but rather **self** !== **top** . – Arif Billah Apr 16, 2022 at 9:45