Accessing iframes from a Chrome content-script extension

Asked 13 years, 6 months ago Modified 13 years, 1 month ago Viewed 9k times



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I'm writing a Chrome extension that needs to alter a popular web app when loaded. Unfortunately, most of the UI of that web app is rendered inside an iframe, and although the address of that iframe matches my **content_scripts** match declaration, the user script only gets invoked for the top frame.

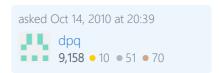


Q: Is there a method of accessing HTML rendered inside an iframe from a Chrome content script extension? If yes, what permissions and other manifest options should I specify? Thanks.



iframe google-chrome-extension userscripts

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- 1 Is this relevant for you? code.google.com/p/chromium/issues/detail?id=37920 bzlm Oct 14, 2010 at 20:46
- 1 No, it isn't. The iframe is not injected by the extension, but by the original web app. dpq Oct 14, 2010 at 20:48

2 Answers

Sorted by:





I've resolved the problem. The following option has to be specified in the content_scripts section of the manifest.json: "all_frames": true. Without it, the script is only applied to the top frame.



// Sometimes one just has to RTFM carefully.



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Even "all_frames": true doesn't seem to help in the case of iframes without @src. This is discussed in the bug http://code.google.com/p/chromium/issues/detail?id=20773, which also covers some workarounds, including getting the contentDocument of the iframe element in the source page, e.g. \$('a', \$(\$("#canvas_frame")[0].contentDocument)).





This bug is not exactly the problem you were having (you wanted to load your content script inside the iframe, not interact between the iframe and the outer frame) but I think that most people who have one of the problems will have the other one as well.

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answered Mar 9, 2011 at 15:36

Kragen Javier Sitaker

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