

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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asked Oct 14, 2010 at 20:39



dpg

9,158 10 51 70

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. – dpg Oct 14, 2010 at 20:48

2 Answers

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39



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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answered Oct 14, 2010 at 20:53



dpg

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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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