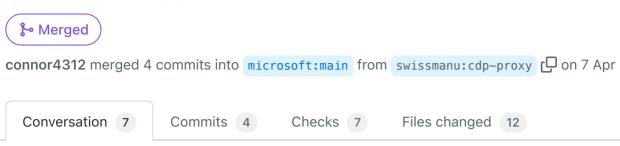


New issue Jump to bottom

CDP Proxy: Allows Other Extensions to Reuse CDP Connection #964



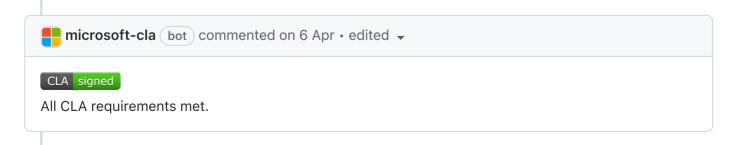


Extends js-debug to expose its internal CDP connection to other extensions.

This pull request resolves #893.

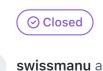
Overview

- A new command requestCDPProxy returns websocket connection details to connect to the CDP proxy.
 - If requestCDPProxy is called the first time, the proxy is created
 - o Otherwise connection details for the previously created proxy are returned
- The debug adapter holds an instance of the CDP proxy and ensures forwarding of any communication between proxy clients and the CDP connection.
- The proxy and its clients use a basic JSON communication protocol described here: https://github.com/swissmanu/vscode-js-debug-cdp-proxy-api





Expose (some) CDP commands #893



swissmanu added 4 commits 9 months ago

Add requestCDPProxy Request to DAP Custom Requests addb5c3

- Add requestCDPProxy Command to Extension 8439f9c

--- Implement Empty CDPProxy in Adapter db5cb1b

-O- Implement CDPProxy × e77f62f

🤵 swissmanu commented on 6 Apr

Would it make sense to expose the underlying error here https://github.com/microsoft/vscode-js-debug/blob/main/src/cdp/connection.ts#L271, instead of masking it with undefined? This way, users of the CDP proxy could get a concise error message as well.

connor4312 commented on 6 Apr

Yea, the error should be exposed. I'll play around with it. I would *prefer* to throw/reject with errors, but we depend on omitting the error in so many places throughout js-debug that changing this would be quite risky.

connor4312 commented on 7 Apr

@swissmanu can you give me permission to push to your fork please? $\stackrel{ ext{@}}{\cup}$

connor4312 commented on 7 Apr • edited ▼

In the meantime I've pushed my changes onto a branch in <code>0c6bd3f</code> . As referenced in the commit, I moved the protocol to CDP with a js-debug extension. This simplifies things but it might still be worth publishing a typings package for the js-debug namespace -- right now this is just the single <code>subscribe</code> method but might become more in the future.

Also, now that it's 'just CDP', maybe I should finally look at making js-debug's CDP transports and mechanisms their own package...

swissmanu commented on 7 Apr

@swissmanu can you give me permission to push to your fork please? $\stackrel{ }{ } =$

I ticked the "Allow edits by maintainers" checkbox on this pull request only. Permissions to the fork should be work by now. Sorry for the delay. I moved the protocol to CDP with a js-debug extension. I like like your removal of the additional protocol layer. Makes things straight forward. connor4312 merged commit e77f62f into microsoft:main on 7 Apr View details 3 of 8 checks passed connor4312 commented on 7 Apr Thank you for your work on this! connor4312 added this to the April 2021 milestone on 3 May Reviewers No reviews **Assignees** No one assigned Labels None yet **Projects** None yet Milestone April 2021 Linked issues Successfully merging this pull request may close these issues. Expose (some) CDP commands

2 participants

