


New issue

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

 **Merged**

connor4312 merged 4 commits into `microsoft:main` from `swissmanu:cdp-proxy`  on 7 Apr

Conversation **7** Commits **4** Checks **7** Files changed **12**



**swissmanu** commented on 6 Apr

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
  - 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>



**microsoft-cla** bot commented on 6 Apr • edited ▾

**CLA** signed

All CLA requirements met.







**swissmanu** mentioned this pull request on 6 Apr

**Expose (some) CDP commands #893**

🔒 Closed



**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
- 🔗  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? 😊



**connor4312** commented on 7 Apr • edited ▼

In the meantime I've pushed my changes onto a branch in [0c6bd3f](#) . 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 `subscribe` 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? 😊

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 additonal protocol layer. Makes things straight forward.



**connor4312** merged commit **e77f62f** into **microsoft:main** on 7 Apr  
3 of 8 checks passed

[View details](#)



**connor4312** commented on 7 Apr



Thank you for your work on this!



1



**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

