



☆ Starred by 4 users


Owner:


caseq@chromium.org

CC:

 karandeeptb@chromium.org

 solomonkinard@chromium.org

 tjudkins@chromium.org

 dsv@google.com

Status:

Fixed (Closed)

Components:

Platform>DevTools

Platform>Extensions

Modified:

Aug 25, 2021

Backlog-Rank:

Editors:

EstimatedDays:

NextAction:

OS:

Linux, Windows, Chrome, Mac

Pri:

1

Type:

Bug-Security

Hotlist-Merge-Review
reward-5000
Security_Impact-Stable
Security_Severity-Medium
allpublic
reward-inprocess
CVE_description-submitted
Target-90
M-91
Merge-Rejected-91
Target-91
external_security_report
merge-merged-4430
merge-merged-90
LTS-Merged-90
LTS-Security-90
Release-0-M92
CVE-2021-30581
LTS-Size-Small
LTS-Complexity-Minimal

Issue 1194431: Security: UAF in TracingHandler

Reported by derce...@gmail.com on Wed, Mar 31, 2021, 5:24 AM EDT

 Code

VULNERABILITY DETAILS

When the devtools is shown for an extension's background page, the devtools window won't be closed when the extension is reloaded (which first involves unloading the extension). This is a special case, as the devtools window will typically be closed when the target is destroyed.

That means that if an extension is reloaded while a devtools window is open for that extension's background page, the FrameTreeNode pointer passed to the TracingHandler instance will become stale. Attempts to use that pointer will then result in a use-after-free in the browser process.

VERSION

Chrome Version: Tested on 89.0.4389.114 (stable) and 91.0.4463.1 (canary)

Operating System: Windows 10, version 20H2

REPRODUCTION CASE

The use-after-free described above can be triggered by an extension with a devtools_page entry, provided the user opens the devtools for an extension's background page. If the user has installed a devtools extension, this is perhaps more likely than normal, since the extension would only be useful when opening the devtools.

1. Install the attached extension.

2. Navigate to chrome://extensions/ and open the devtools for an extension's background page (any extension will do).

3. Once the devtools has been opened, devtools_page.html will first reload the extension being debugged. It will then select the "Performance" panel and attempt to start recording (by forwarding the Ctrl+E shortcut). This will result in a use-after-free in the browser process. You can verify that by going through the steps above in an asan build.

CREDIT INFORMATION

Reporter credit: David Erceg

devtools_page.html

107 bytes [View](#) [Download](#)

devtools_page.js

728 bytes [View](#) [Download](#)

manifest.json

134 bytes [View](#) [Download](#)

Comment 1 by sheriffbot on Wed, Mar 31, 2021, 5:27 AM EDT Project Member

Labels: external_security_report

Comment 2 by derce...@gmail.com on Wed, Mar 31, 2021, 5:28 AM EDT

As mentioned in the summary, this issue occurs because the FrameTreeNode pointer passed to the TracingHandler instance becomes stale when the extension being debugged is reloaded. Since reloading an extension first involves unloading the extension, the FrameTreeNode is destroyed when the ExtensionHost is destroyed.

However, the devtools window remains open and the debugging session remains attached.

When attempting to start recording performance information, the FrameTreeNode pointer will be used:

https://source.chromium.org/chromium/chromium/src/+master:content/browser/devtools/protocol/tracing_handler.cc;l=861;dr=34d355d0e47c4b77c60737afe605876f4d5278c5

However, because the FrameTreeNode was destroyed when the extension was unloaded, this results in a use-after-free.

Comment 3 by [drubery@chromium.org](#) on Wed, Mar 31, 2021, 8:36 PM EDT Project Member

Status: Assigned (was: Unconfirmed)
Owner: caseq@chromium.org
Cc: karandeepb@chromium.org
Labels: Security_Severity-Medium Security_Impact-Stable OS-Chrome OS-Linux OS-Mac OS-Windows Pri-1
Components: Platform>DevTools Platform>Extensions

I had to manually reload the extension to get this to trigger, but I did get the UaF (stack trace below). Due to the extreme mitigating factors (the malicious extension being installed and the devtools for another extension being open), assigning medium severity.

I'm not sure whether root cause here is in devtools or extensions, adding an owner for both.

Comment 4 by [sheriffbot](#) on Thu, Apr 1, 2021, 1:02 PM EDT Project Member

Labels: M-90 Target-90
Setting milestone and target because of Security_Impact=Stable and medium severity.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

Comment 5 by [sheriffbot](#) on Wed, Apr 14, 2021, 12:21 PM EDT Project Member

caseq: Uh oh! This issue still open and hasn't been updated in the last 14 days. This is a serious vulnerability, and we want to ensure that there's progress. Could you please leave an update with the current status and any potential blockers?

If you're not the right owner for this issue, could you please remove yourself as soon as possible or help us find the right one?

If the issue is fixed or you can't reproduce it, please close the bug. If you've started working on a fix, please set the status to Started.

Thanks for your time! To disable nags, add the Disable-Nags label.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

Comment 6 by [sheriffbot](#) on Wed, Apr 28, 2021, 12:21 PM EDT Project Member

caseq: Uh oh! This issue still open and hasn't been updated in the last 28 days. This is a serious vulnerability, and we want to ensure that there's progress. Could you please leave an update with the current status and any potential blockers?

If you're not the right owner for this issue, could you please remove yourself as soon as possible or help us find the right one?

If the issue is fixed or you can't reproduce it, please close the bug. If you've started working on a fix, please set the status to Started.

Thanks for your time! To disable nags, add the Disable-Nags label.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

Comment 7 by [Git Watcher](#) on Thu, May 13, 2021, 8:49 PM EDT Project Member

The following revision refers to this bug:
<https://chromium.googlesource.com/chromium/src/+a30ebdbe821193b398f1843ebf38a20ecec5cbc5>

commit [a30ebdbe821193b398f1843ebf38a20ecec5cbc5](#)
Author: Andrey Kosyakov <caseq@chromium.org>
Date: Fri May 14 00:48:39 2021

DevTools: fix UAF in tracig handler

~~bug-1104434~~

Change-Id: Id697f2fc35a18af7de30aa668cc0c8669c2d1813
Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+2886624>
Commit-Queue: Andrey Kosyakov <caseq@chromium.org>
Reviewed-by: Peter Kvittek <kvitek@chromium.org>
Cr-Commit-Position: refs/heads/master@{#882780}

[modify] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/chrome/browser/devtools/protocol/devtools_protocol_browseritest.cc
[modify] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/chrome/browser/devtools/protocol/devtools_protocol_test_support.h
[add] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/chrome/test/data/devtools/extensions/simple_background_page/background.js
[add] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/chrome/test/data/devtools/extensions/simple_background_page/manifest.json
[modify] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/content/browser/devtools/browser_devtools_agent_host.cc
[modify] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/content/browser/devtools/protocol/tracing_handler.cc
[modify] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/content/browser/devtools/protocol/tracing_handler.h
[modify] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/content/browser/devtools/protocol/tracing_handler_unittest.cc
[modify] https://crrev.com/a30ebdbe821193b398f1843ebf38a20ecec5cbc5/content/browser/devtools/render_frame_devtools_agent_host.cc

Comment 8 by [caseq@chromium.org](#) on Thu, May 13, 2021, 11:21 PM EDT Project Member

Status: Fixed (was: Assigned)

Comment 9 by [Git Watcher](#) on Fri, May 14, 2021, 9:26 AM EDT Project Member

The following revision refers to this bug:
<https://chromium.googlesource.com/chromium/src/+/0e3238d1a245adf68756d9f6bd616512fa2eda1e>

commit [0e3238d1a245adf68756d9f6bd616512fa2eda1e](#)
Author: Ian Clelland <iclland@chromium.org>
Date: Fri May 14 13:25:11 2021

Revert "DevTools: fix UAF in tracig handler"

This reverts commit [a30ebdbe821193b398f1843ebf38a20ecec5cbc5](#).

Reason for revert: New test failing on several Win7 bots:
Failures seem to have started with this CL on four separate bots:
[https://ci.chromium.org/ui/p/chromium/builders/ci/Win7%20Tests%20x64%20\(1\)/79349](https://ci.chromium.org/ui/p/chromium/builders/ci/Win7%20Tests%20x64%20(1)/79349)
[https://ci.chromium.org/p/chromium/builders/ci/Win7%20Tests%20x64%20\(1\)/116310](https://ci.chromium.org/p/chromium/builders/ci/Win7%20Tests%20x64%20(1)/116310)
[https://ci.chromium.org/p/chromium/builders/ci/Win7%20Tests%20x64%20\(1\)/29/89801](https://ci.chromium.org/p/chromium/builders/ci/Win7%20Tests%20x64%20(1)/29/89801)
[https://ci.chromium.org/p/chromium/builders/ci/Win7%20Tests%20x64%20\(1\)/70849](https://ci.chromium.org/p/chromium/builders/ci/Win7%20Tests%20x64%20(1)/70849)

Original change's description:
> DevTools: fix UAF in tracig handler
>

> ~~Bug-4404434~~

> Change-Id: Id697f2fc35a18af7de30aa668cc0c8669c2d1813
> Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+2886624>
> Commit-Queue: Andrey Kosyakov <caseq@chromium.org>
> Reviewed-by: Peter Kvitek <kvitekp@chromium.org>
> Cr-Commit-Position: refs/heads/master@{#882780}

~~Bug-4404434~~

Change-Id: I9466af070995c73ad233153111fc65272e6c3389
No-Presubmit: true
No-Tree-Checks: true
No-Try: true
Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+2897340>
Auto-Submit: Ian Clelland <iclelland@chromium.org>
Owners-Override: Ian Clelland <iclelland@chromium.org>
Commit-Queue: Rubber Stamper <rubber-stamper@appspot.gserviceaccount.com>
Bot-Commit: Rubber Stamper <rubber-stamper@appspot.gserviceaccount.com>
Cr-Commit-Position: refs/heads/master@{#882937}

[modify] https://crrev.com/0e3238d1a245adf68756d9f6bd616512fa2eda1e/chrome/browser/devtools/protocol/devtools_protocol_browseritest.cc
[modify] https://crrev.com/0e3238d1a245adf68756d9f6bd616512fa2eda1e/chrome/browser/devtools/protocol/devtools_protocol_test_support.h
[delete] https://crrev.com/e17f34fc306e858796d703116955d0b9eacf8feb/chrome/test/data/devtools/extensions/simple_background_page/background.js
[delete] https://crrev.com/e17f34fc306e858796d703116955d0b9eacf8feb/chrome/test/data/devtools/extensions/simple_background_page/manifest.json
[modify] https://crrev.com/0e3238d1a245adf68756d9f6bd616512fa2eda1e/content/browser/devtools/browser_devtools_agent_host.cc
[modify] https://crrev.com/0e3238d1a245adf68756d9f6bd616512fa2eda1e/content/browser/devtools/protocol/tracing_handler.cc
[modify] https://crrev.com/0e3238d1a245adf68756d9f6bd616512fa2eda1e/content/browser/devtools/protocol/tracing_handler.h
[modify] https://crrev.com/0e3238d1a245adf68756d9f6bd616512fa2eda1e/content/browser/devtools/protocol/tracing_handler_unittest.cc
[modify] https://crrev.com/0e3238d1a245adf68756d9f6bd616512fa2eda1e/content/browser/devtools/render_frame_devtools_agent_host.cc

Comment 10 by adetaylor@chromium.org on Fri, May 14, 2021, 11:22 AM EDT Project Member

Status: Assigned (was: Fixed)

Comment 11 by [Git Watcher](#) on Fri, May 14, 2021, 8:08 PM EDT Project Member

The following revision refers to this bug:
<https://chromium.googlesource.com/chromium/src/+5b231fef0de22da883445fe1a3464ea5bbb7508e>

commit [5b231fef0de22da883445fe1a3464ea5bbb7508e](https://chromium.googlesource.com/chromium/src/+5b231fef0de22da883445fe1a3464ea5bbb7508e)

Author: Andrey Kosyakov <caseq@chromium.org>
Date: Sat May 15 00:07:51 2021

Reland "DevTools: fix UAF in tracig handler"

This reverts commit [0e3238d1a245adf68756d9f6bd616512fa2eda1e](https://chromium.googlesource.com/chromium/src/+0e3238d1a245adf68756d9f6bd616512fa2eda1e).

Reason for revert: [WIP on fix]

Original change's description:
> Revert "DevTools: fix UAF in tracig handler"
>
> This reverts commit [a30ebdbe821193b398f1843ebf38a20ecec5cbc5](https://chromium.googlesource.com/chromium/src/+a30ebdbe821193b398f1843ebf38a20ecec5cbc5).
>
> Reason for revert: New test failing on several Win7 bots:
> Failures seem to have started with this CL on four separate bots:
> [https://ci.chromium.org/ui/p/chromium/builders/ci/Win%207%20Tests%20x64%20\(1\)/79349](https://ci.chromium.org/ui/p/chromium/builders/ci/Win%207%20Tests%20x64%20(1)/79349)
> <https://ci.chromium.org/p/chromium/builders/ci/Win%207%20Tests%20%281%29/116310>
> <https://ci.chromium.org/p/chromium/builders/ci/Win%207%20Tests%20%28dbg%29%281%29/89801>
> <https://ci.chromium.org/p/chromium/builders/ci/Win%207%20%2832%29%20Tests/70849>
>
> Original change's description:
>> DevTools: fix UAF in tracig handler
>>
>>
>> ~~Bug-4404434~~
>> Change-Id: Id697f2fc35a18af7de30aa668cc0c8669c2d1813
>> Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+2886624>
>> Commit-Queue: Andrey Kosyakov <caseq@chromium.org>
>> Reviewed-by: Peter Kvitek <kvitekp@chromium.org>
>> Cr-Commit-Position: refs/heads/master@{#882780}

> ~~Bug-4404434~~

> Change-Id: I9466af070995c73ad233153111fc65272e6c3389
> No-Presubmit: true
> No-Tree-Checks: true
> No-Try: true
> Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+2897340>
> Auto-Submit: Ian Clelland <iclelland@chromium.org>
> Owners-Override: Ian Clelland <iclelland@chromium.org>
> Commit-Queue: Rubber Stamper <rubber-stamper@appspot.gserviceaccount.com>
> Bot-Commit: Rubber Stamper <rubber-stamper@appspot.gserviceaccount.com>
> Cr-Commit-Position: refs/heads/master@{#882937}

~~Bug-4404434~~

Change-Id: I7e6190b2db8adf2974403bc6463ba39b55448395
Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+2895453>
Reviewed-by: Peter Kvitek <kvitekp@chromium.org>
Commit-Queue: Andrey Kosyakov <caseq@chromium.org>
Cr-Commit-Position: refs/heads/master@{#883216}

[modify] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/chrome/browser/devtools/protocol/devtools_protocol_browseritest.cc
[modify] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/chrome/browser/devtools/protocol/devtools_protocol_test_support.h
[add] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/chrome/test/data/devtools/extensions/simple_background_page/background.js
[add] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/chrome/test/data/devtools/extensions/simple_background_page/manifest.json
[modify] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/content/browser/devtools/browser_devtools_agent_host.cc
[modify] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/content/browser/devtools/protocol/tracing_handler.cc
[modify] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/content/browser/devtools/protocol/tracing_handler.h
[modify] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/content/browser/devtools/protocol/tracing_handler_unittest.cc
[modify] https://crrev.com/5b231fef0de22da883445fe1a3464ea5bbb7508e/content/browser/devtools/render_frame_devtools_agent_host.cc

Comment 12 by caseq@chromium.org on Mon, May 17, 2021, 3:26 PM EDT Project Member

Status: Fixed (was: Assigned)

Comment 13 by [sheriffbot](#) on Tue, May 18, 2021, 12:43 PM EDT Project Member

Labels: reward-topanel

[Comment 14](#) by [sheriffbot](#) on Tue, May 18, 2021, 2:03 PM EDT Project Member

Labels: -Restrict-View-SecurityTeam Restrict-View-SecurityNotify

[Comment 15](#) by [sheriffbot](#) on Tue, May 18, 2021, 2:28 PM EDT Project Member

Labels: Merge-Request-91

Requesting merge to beta M91 because latest trunk commit (882780) appears to be after beta branch point (965).

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

[Comment 16](#) by [sheriffbot](#) on Tue, May 18, 2021, 2:31 PM EDT Project Member

Labels: -Merge-Request-91 Hotlist-Merge-Review Merge-Review-91

This bug requires manual review. We are only 6 days from stable.

Before a merge request will be considered, the following information is required to be added to this bug:

1. Does your merge fit within the Merge Decision Guidelines?
- Chrome: https://chromium.googlesource.com/chromium/src.git/+master/docs/process/merge_request.md#when-to-request-a-merge
- Chrome OS: <https://goto.google.com/cros-release-branch-merge-guidelines>
2. Links to the CLs you are requesting to merge.
3. Has the change landed and been verified on ToT?
4. Does this change need to be merged into other active release branches (M-1, M+1)?
5. Why are these changes required in this milestone after branch?
6. Is this a new feature?
7. If it is a new feature, is it behind a flag using finch?

Chrome OS Only:

8. Was the change reviewed and approved by the Eng Prod Representative? See Eng Prod ownership by component: <http://go/cros-engprodcomponents>

Please contact the milestone owner if you have questions.

Owners: benmason@(Android), bindusuvama@(iOS), marinakz@(ChromeOS), pbommana@(Desktop)

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot

[Comment 17](#) by [adetaylor@google.com](#) on Tue, May 18, 2021, 4:24 PM EDT Project Member

Labels: -Merge-Review-91 Merge-Rejected-91

This is a fairly complex change for a medium severity bug - I'm going to reject Sheriffbot's suggestion to merge to M91, and let this be released in M92 instead.

[Comment 18](#) by [amyressler@google.com](#) on Thu, Jun 10, 2021, 12:32 PM EDT Project Member

Labels: -reward-topanel reward-unpaid reward-5000

*** Boilerplate reminders! ***

Please do NOT publicly disclose details until a fix has been released to all our users. Early public disclosure may cancel the provisional reward. Also, please be considerate about disclosure when the bug affects a core library that may be used by other products. Please do NOT share this information with third parties who are not directly involved in fixing the bug. Doing so may cancel the provisional reward. Please be honest if you have already disclosed anything publicly or to third parties. Lastly, we understand that some of you are not interested in money. We offer the option to donate your reward to an eligible charity. If you prefer this option, let us know and we will also match your donation - subject to our discretion. Any rewards that are unclaimed after 12 months will be donated to a charity of our choosing.

Please contact security-vp@chromium.org with any questions.

[Comment 19](#) by [amyressler@chromium.org](#) on Thu, Jun 10, 2021, 1:01 PM EDT Project Member

Congratulations- the VRP Panel has decided to award you \$5,000 for this report. Nice work on another one!

[Comment 20](#) by [amyressler@google.com](#) on Mon, Jun 14, 2021, 11:14 AM EDT Project Member

Labels: -reward-unpaid reward-inprocess

[Comment 21](#) by [amyressler@chromium.org](#) on Mon, Jul 19, 2021, 4:23 PM EDT Project Member

Labels: Release-0-M92

[Comment 22](#) by [amyressler@google.com](#) on Mon, Jul 19, 2021, 7:17 PM EDT Project Member

Labels: CVE-2021-30581 CVE_description-missing

[Comment 23](#) by [rzanoni@google.com](#) on Fri, Jul 30, 2021, 11:27 AM EDT Project Member

Labels: LTS-Security-90 LTS-Merge-Request-90 LTS-Size-Small LTS-Complexity-Minimal

[Comment 24](#) by [sheriffbot](#) on Fri, Jul 30, 2021, 12:22 PM EDT Project Member

Labels: -M-90 M-91 Target-91

[Comment 25](#) by [amyressler@google.com](#) on Tue, Aug 3, 2021, 3:42 PM EDT Project Member

Labels: -CVE_description-missing CVE_description-submitted

[Comment 26](#) by [gianluca@google.com](#) on Thu, Aug 5, 2021, 6:24 AM EDT Project Member

Labels: -LTS-Merge-Request-90 LTS-Merge-Approved-90

[Comment 27](#) by [Git Watcher](#) on Thu, Aug 5, 2021, 10:02 AM EDT Project Member

Labels: merge-merged-4430 merge-merged-90

The following revision refers to this bug:

<https://chromium.googlesource.com/chromium/src/+48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4>

commit [48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4](#)

Author: Andrey Kosyakov <caseq@chromium.org>

Date: Thu Aug 05 14:01:28 2021

[M90-LTS] DevTools: fix UAF in traci handler

(cherry picked from commit [a30ebdbe821193b398f1843ebf38a20ecec5cbc5](#))

[Bug: 1494434](#)

Change-Id: [Id697f2fc35a18af7de30aa668cc0c8669c2d1813](#)

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+2886624>

Commit-Queue: Andrey Kosyakov <caseq@chromium.org>

Cr-Original-Commit-Position: refs/heads/master@{#882780}

Reviewed-on: <https://chromium-review.googlesource.com/c/chromium/src/+3062943>
Reviewed-by: Jana Grill <janagrill@google.com>
Owners-Override: Jana Grill <janagrill@google.com>
Commit-Queue: Roger Felipe Zanoni da Silva <rzanoni@google.com>
Cr-Commit-Position: refs/branch-heads/4430@{#1557}
Cr-Branched-From: [e5ce7dc4f7518237b3d9bb93cccca35d25216cbe](#)-refs/heads/master@{#857950}

[modify] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/chrome/browser/devtools/protocol/devtools_protocol_browsertest.cc
[modify] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/chrome/browser/devtools/protocol/devtools_protocol_test_support.h
[add] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/chrome/test/data/devtools/extensions/simple_background_page/background.js
[add] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/chrome/test/data/devtools/extensions/simple_background_page/manifest.json
[modify] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/content/browser/devtools/browser_devtools_agent_host.cc
[modify] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/content/browser/devtools/protocol/tracing_handler.cc
[modify] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/content/browser/devtools/protocol/tracing_handler.h
[modify] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/content/browser/devtools/protocol/tracing_handler_unittest.cc
[modify] https://crrev.com/48f5ff14d4fa39452e1be7ce0d44aeb17bc490f4/content/browser/devtools/render_frame_devtools_agent_host.cc

Comment 28 by rzanoni@google.com on Thu, Aug 5, 2021, 10:03 AM EDT Project Member
Labels: -LTS-Merge-Approved-90 LTS-Merged-90

Comment 29 by [sheriffbot](#) on Wed, Aug 25, 2021, 1:30 PM EDT Project Member
Labels: -Restrict-View-SecurityNotify allpublic

This bug has been closed for more than 14 weeks. Removing security view restrictions.

For more details visit <https://www.chromium.org/issue-tracking/autotriage> - Your friendly Sheriffbot