

Remote playback API testing

Test coverage

FritzHeiden Implemented all tests ...		on Aug 16	History
..			
META.yml	Add spec links to META.yml	4 years ago	
README.md	Create README.md (web-platform-tests#6223)	5 years ago	
cancel-watch-availability.html	[remote-playback] Fixed 404 media source (web-platform-tests...)	3 years ago	
disable-remote-playback-cancel...	[remote-playback] Fixed 404 media source (web-platform-tests...)	3 years ago	
disable-remote-playback-promp...	Replace some "promise_rejects(t, 'SomeDOMError', stuff)" call...	3 years ago	
disable-remote-playback-watch-...	Replace some "promise_rejects(t, 'SomeDOMError', stuff)" call...	3 years ago	
event-handlers-manual.html	Implemented all API tests	last month	
idlharness.window.js	Mark remote-playback/idlharness.window.js as timeout=long	3 years ago	
prompt-and-cancel-selection-m...	Implemented all tests	last month	
prompt-and-select-device-manu...	Implemented all API tests	last month	
prompt-and-watch-availability-n...	Implemented all API tests	last month	
prompt-and-watch-availability-w...	Implemented all API tests	last month	
prompt-in-detached-iframe.html	Fix crash in RemotePlayback::prompt() in detached window	10 months ago	
remote-video-control-pausing...	Implemented all tests	last month	
remote-video-control-seek-man...	Implemented all tests	last month	
remote-video-playback-manual...	Implemented all tests	last month	
state-attribute-changes-when-s...	Implemented all API tests	last month	
state-attribute-changes-with-ev...	Implemented all API tests	last month	
watch-availability-callback-para...	Implemented some tests for remote-playback api	last month	
watch-availability-initial-callback...	[remote-playback] Fixed 404 media source (web-platform-tests...)	3 years ago	
watch-availability-promise-retur...	Implemented some tests for remote-playback api	last month	

- 12 new tests
- most are manual
- testing events and side effects
- testing use cases:
 - finding remote devices
 - connecting with remote device
 - playing content
 - playback controls
 - synchronized play position

Click the button below to prompt for a remote playback device and select one!

Pick device

00:00:00

Results

- remote playback API only supported on Chrome 104 for Android
- all tests passed (on Chromecast Ultra)



All Results

Test files: 19; Total subtests: 65

Test Files

1. /remote-playback/cancel-watch-availability.html
2. /remote-playback/disable-remote-playback-cancel-watch-availability-throws.html
3. /remote-playback/disable-remote-playback-prompt-throws.html
4. /remote-playback/disable-remote-playback-watch-availability-throws.html
5. /remote-playback/idlharness.window.html
6. /remote-playback/prompt-in-detached-frame.html
7. /remote-playback/watch-availability-callback-parameter.html
8. /remote-playback/watch-availability-initial-callback.html
9. /remote-playback/watch-availability-promise-return-callback-id.html
10. /remote-playback/event-handlers-manual.html
11. /remote-playback/prompt-and-cancel-selection-manual.html
12. /remote-playback/prompt-and-select-device-manual.html
13. /remote-playback/prompt-and-watch-availability-no-device-manual.html
14. /remote-playback/prompt-and-watch-availability-with-device-manual.html
15. /remote-playback/remote-video-control-pausing-manual.html
16. /remote-playback/remote-video-control-seek-manual.html
17. /remote-playback/remote-video-playback-manual.html
18. /remote-playback/state-attribute-changes-when-selecting-device-manual.html
19. /remote-playback/state-attribute-changes-with-event-handlers-manual.html

Test	Ch104
<code>/remote-playback/cancel-watch-availability.html</code>	
Test that calling <code>cancelWatchAvailability()</code> with an id does remove the callback.	PASS
Test that calling <code>cancelWatchAvailability()</code> without an id removes all the callbacks.	PASS
<code>/remote-playback/disable-remote-playback-cancel-watch-availability-throws.html</code>	
Test that calling <code>cancelWatchAvailability()</code> when <code>disableRemotePlayback</code> attribute is set throws an exception.	PASS
<code>/remote-playback/disable-remote-playback-prompt-throws.html</code>	
Test that calling <code>prompt()</code> when <code>disableRemotePlayback</code> attribute is set throws an exception.	PASS
<code>/remote-playback/disable-remote-playback-watch-availability-throws.html</code>	
Test that calling <code>watchAvailability()</code> when <code>disableRemotePlayback</code> attribute is set throws an exception.	PASS
<code>/remote-playback/idlharness.window.html</code>	
Element includes <code>ChildNode</code> : member names are unique	PASS
Element includes <code>NonDocumentTypeChildNode</code> : member names are unique	PASS
Element includes <code>ParentNode</code> : member names are unique	PASS
Element includes <code>Slotable</code> : member names are unique	PASS
HTMLElement includes <code>DocumentAndElementEventHandlers</code> : member names are unique	PASS
HTMLElement includes <code>ElementContentEditable</code> : member names are unique	PASS
HTMLElement includes <code>GlobalEventHandlers</code> : member names are unique	PASS

HTMLMediaElement interface: attribute disableRemotePlayback	PASS
HTMLMediaElement interface: attribute remote	PASS
Partial interface HTMLMediaElement: member names are unique	PASS
Partial interface HTMLMediaElement: original interface defined	PASS
RemotePlayback interface object length	PASS
RemotePlayback interface object name	PASS
RemotePlayback interface: attribute onconnect	PASS
RemotePlayback interface: attribute onconnecting	PASS
RemotePlayback interface: attribute ondisconnect	PASS
RemotePlayback interface: attribute state	PASS
RemotePlayback interface: calling cancelWatchAvailability(optional long) on media.remote with too few arguments must throw TypeError	PASS
RemotePlayback interface: calling watchAvailability(RemotePlaybackAvailabilityCallback) on media.remote with too few arguments must throw TypeError	PASS
RemotePlayback interface: existence and properties of interface object	PASS
RemotePlayback interface: existence and properties of interface prototype object	PASS
RemotePlayback interface: existence and properties of interface prototype objects "constructor" property	PASS
RemotePlayback interface: existence and properties of interface prototype objects "@@unscopables" property	PASS
RemotePlayback interface: media.remote must inherit property "cancelWatchAvailability(optional long)" with the proper type	PASS
RemotePlayback interface: media.remote must inherit property "onconnect" with the proper type	PASS
RemotePlayback interface: media.remote must inherit property "onconnecting" with the proper type	PASS
RemotePlayback interface: media.remote must inherit property "ondisconnect" with the proper type	PASS
RemotePlayback interface: media.remote must inherit property "prompt()" with the proper type	PASS
RemotePlayback interface: media.remote must inherit property "state" with the proper type	PASS
RemotePlayback interface: media.remote must inherit property "watchAvailability(RemotePlaybackAvailabilityCallback)" with the proper type	PASS
RemotePlayback interface: operation cancelWatchAvailability(optional long)	PASS
RemotePlayback interface: operation prompt()	PASS
RemotePlayback interface: operation watchAvailability(RemotePlaybackAvailabilityCallback)	PASS
RemotePlayback must be primary interface of media.remote	PASS
Stringification of media.remote	PASS
idl_test setup	PASS
idl_test validation	PASS

/remote-playback/prompt-in-detached-iframe.html	PASS
Calling remote.prompt() in a detached context should throw InvalidAccessError	PASS
/remote-playback/watch-availability-callback-parameter.html	PASS
Test that the callback is called with boolean parameter when calling watchAvailability().	PASS
/remote-playback/watch-availability-initial-callback.html	PASS
Test that the callback is called once watchAvailability() resolves.	PASS
/remote-playback/watch-availability-promise-return-callback-id.html	PASS
Test that the promise returns the callback id when calling watchAvailability().	PASS
/remote-playback/event-handlers-manual.html	PASS
Prompt to connect device	PASS
Test that all event handlers are called.	PASS
/remote-playback/prompt-and-cancel-selection-manual.html	PASS
Test that promise is rejected when user cancels device selection.	PASS
/remote-playback/prompt-and-select-device-manual.html	PASS
Prompt resolves	PASS
Test that promise is resolved when user selects a device.	PASS
/remote-playback/prompt-and-watch-availability-no-device-manual.html	PASS
Test that watchAvailability returned false when there is no device for the user to select.	PASS
/remote-playback/prompt-and-watch-availability-with-device-manual.html	PASS
Test that watchAvailability returned true when user selects device.	PASS
/remote-playback/remote-video-control-pausing-manual.html	PASS
Prompt resolves	PASS
Test if video is playing on remote device.	PASS
/remote-playback/remote-video-control-seek-manual.html	PASS
Prompt resolves	PASS
Test if video is playing on remote device.	PASS
/remote-playback/remote-video-playback-manual.html	PASS
Prompt resolves	PASS
Test if video is playing on remote device.	PASS
/remote-playback/state-attribute-changes-when-selecting-device-manual.html	PASS
Prompt call resolves	PASS
Test that the remote playback state changes when selecting a device.	PASS
/remote-playback/state-attribute-changes-with-event-handlers-manual.html	PASS
Prompt to connect device	PASS
Prompt to disconnect device	PASS
Test that remote playback state changes when connecting and disconnecting.	PASS

Next steps

Adding tests for remote playback API #35827

Open FritzHeiden wants to merge 4 commits into `web-platform-tests:master` from `FritzHeiden:remote-playback`

Conversation 0 | Commits 4 | Checks 19 | Files changed 13 | +1,166 -0

FritzHeiden commented 8 days ago
This PR introduces additional tests for the remote playback API

FritzHeiden added 4 commits last month

- Implemented some tests for remote-playback api
- Implemented all API tests
- Implemented all tests
- Added test results

wpt-pr-bot added `infra` `remote-playback` `wpt-secondscreen` labels 8 days ago

wpt-pr-bot assigned **mounirfamouri** 8 days ago

wpt-pr-bot requested review from **jgraham** and **mounirfamouri** 8 days ago

FritzHeiden mentioned this pull request 2 hours ago

Remote Playback API test automation `w3c/remote-playback#92`

Add more commits by pushing to the `remote-playback` branch on `FritzHeiden/wpt`.

Review required
At least 1 approving review is required by reviewers with write access. [Learn more.](#)

2 pending reviewers

All checks have passed
19 successful checks

Merging is blocked
Merging can be performed automatically with 1 approving review.

Reviewers
jgraham
mounirfamouri
At least 1 approving review is required to merge this pull request.
Still in progress? Convert to draft

Assignees
mounirfamouri

Labels
`infra` `remote-playback` `wpt-secondscreen`

Projects
None yet

Milestone
No milestone

Development
Successfully merging this pull request may close these issues.
None yet

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3 participants
FritzHeiden **wpt-pr-bot**

Allow edits and access to secrets by maintainers

- pull request requires review (<https://github.com/web-platform-tests/wpt/pull/35827>)
- when merged, run tests one more devices
 - which browsers are supported?
- generate implementation report
- create pull request for test results (<https://w3c.github.io/test-results/remote-playback/all.html>)