

# Deprecations and removals in Chrome 63

To see all deprecations and removals for this and previous versions of Chrome, visit the [deprecations page](#).



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In nearly every version of Chrome, we see a significant number of updates and improvements to the product, its performance, and also capabilities of the Web Platform. This article describes some of the deprecations and removals in Chrome 63, which is in beta as of October 26. Visit the [deprecations page](#) for more deprecations and removals from this and previous versions of Chrome. This list is subject to change at any time.

## Interface properties with a Promise type no longer throw exceptions

Interface properties and functions that return a promise have been inconsistent about whether error conditions throw exceptions or reject, which would invoke a promise's `catch()` block. The current version of the [IDL spec](#) calls for all promise-returning properties and functions to reject rather than throw an exception.

For example, previously, a call to `MediaKeySession.closed` would throw a `TypeError` for illegal invocation if called at the wrong time. With this change such calls must now implement a `catch()` block.

This change brings Chrome inline with the specification. This change has already been made for functions.

[Chromestatus Tracker](#) | [Chromium Bug](#)

## Remove `getMatchedCSSRules()`

The `getMatchedCSSRules()` method is a webkit-only API to get a list of all the style rules applied to a particular element. Webkit has an [open bug to remove it](#). For these reasons it is

removed from Chrome in version 63. Developers who need this functionality can look at [this Stackoverflow post](#)

[Intent to Remove](#) | [Chromestatus Tracker](#) | [Chromium Bug](#)

## Remove RTCRtcpMuxPolicy of "negotiate"

The `rtcpMuxPolicy` is used by Chrome to specify its preferred policy regarding use of RTP/RTCP multiplexing. In Chrome 57, we changed the default `rtcpMuxPolicy` to "require" and deprecated "negotiate" for following reasons:

- Non-muxed RTCP uses extra network resources.
- Removing "negotiate" will make the API surface simpler, since an "RtpSender"/"RtpReceiver" will then only ever have a single transport.

In Chrome 63, "negotiate" is removed.

[Intent to Deprecate](#) | [Chromium Bug](#)

## Deprecation policy

To keep the platform healthy, we sometimes remove APIs from the Web Platform which have run their course. There can be many reasons why we would remove an API, such as:

- They are superseded by newer APIs.
- They are updated to reflect changes to specifications to bring alignment and consistency with other browsers.
- They are early experiments that never came to fruition in other browsers and thus can increase the burden of support for web developers.

Some of these changes will have an effect on a very small number of sites. To mitigate issues ahead of time, we try to give developers advanced notice so they can make the required changes to keep their sites running.

Chrome currently has a [process for deprecations and removals of API's](#), essentially:

- Announce on the [blink-dev](#) mailing list.
- Set warnings and give time scales in the Chrome DevTools Console when usage is detected on the page.

- Wait, monitor, and then remove the feature as usage drops.

You can find a list of all deprecated features on [chromestatus.com](https://chromestatus.com) using the [deprecated filter](#) and removed features by applying the [removed filter](#). We will also try to summarize some of the changes, reasoning, and migration paths in these posts.

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