

# Changelog

All notable changes to this project will be documented in this file. See [standard-version](#) for commit guidelines.

## [13.5.2](#) (2022-03-31)

### Bug Fixes

- chromium downloading hung at 99% ([#8169](#)) ([8f13470](#))
- get extra headers from Fetch.requestPaused event ([#8162](#)) ([37ede68](#))

## [13.5.1](#) (2022-03-09)

### Bug Fixes

- waitForNavigation in OOPiFs ([#8117](#)) ([34775e5](#))

## [13.5.0](#) (2022-03-07)

### Features

- chromium:** roll to Chromium 100.0.4889.0 (r970485) ([#8108](#)) ([d12f427](#))

### Bug Fixes

- Inherit browser-level proxy settings from incognito context ([#7770](#)) ([3feca32](#))
- page:** page.createIsolatedWorld error catching has been added ([#7848](#)) ([309e8b8](#))
- tests:** ensure all tests honour BINARY envvar ([#8092](#)) ([3b8b9ad](#))

## [13.4.1](#) (2022-03-01)

### Bug Fixes

- regression in --user-data-dir handling ([#8060](#)) ([85decdd](#))

## [13.4.0](#) (2022-02-22)

### Features

- add support for async waitForTarget ([#7885](#)) ([dbf0639](#))
- export `Frame._client` through getter ([#8041](#)) ([e9278fc](#))
- HTTPResponse:** expose timing information ([#8025](#)) ([30b3d49](#))

### Bug Fixes

- change kill to signal the whole process group to terminate ([#6859](#)) ([0eb9c78](#))
- element screenshot issue in headful mode ([#8018](#)) ([5346e70](#)), closes [#7999](#)
- ensure dom binding is not called after detach ([#8024](#)) ([5c308b0](#)), closes [#7814](#)
- use both `__dirname` and `require.resolve` to support different bundlers ([#8046](#)) ([e6a6295](#)), closes [#8044](#)

## [13.3.2](#) (2022-02-14)

### Bug Fixes

- always use ENV executable path when present ([#7985](#)) ([6d6ea9b](#))
- use `require.resolve` instead of `__dirname` ([#8003](#)) ([bbb186d](#))

## [13.3.1](#) (2022-02-10)

### Bug Fixes

- puppeteer:** revert: esm modules ([#7986](#)) ([179eded](#))

## [13.3.0](#) (2022-02-09)

### Features

- puppeteer:** export esm modules in package.json ([#7964](#)) ([523b487](#))

## [13.2.0](#) (2022-02-07)

## Features

- add more models to DeviceDescriptors ([#7904](#)) ([6a655cb](#))
- **chromium:** roll to Chromium 99.0.4844.16 (r961656) ([#7960](#)) ([96c3f94](#))

## Bug Fixes

- make projectRoot optional in Puppeteer and launchers ([#7967](#)) ([9afdc63](#))
- migrate more files to strict-mode TypeScript ([#7950](#)) ([aac8d9](#))
- typos in documentation ([#7968](#)) ([41ab4e9](#))

### [13.1.3](#) (2022-01-31)

## Bug Fixes

- issue with reading versions.js in doclint ([#7940](#)) ([06ba963](#))
- make more files work in strict-mode TypeScript ([#7936](#)) ([0636513](#))
- page.pdf producing an invalid pdf ([#7868](#)) ([afea509](#)), closes [#7757](#)

### [13.1.2](#) (2022-01-25)

## Bug Fixes

- **package.json:** update node-fetch package ([#7924](#)) ([e4c48d3](#))
- types in Browser.ts to be compatible with strict mode Typescript ([#7918](#)) ([a8ec0aa](#)), closes [#6769](#)
- types in Connection.ts to be compatible with strict mode Typescript ([#7919](#)) ([d80d602](#)), closes [#6769](#)

### [13.1.1](#) (2022-01-18)

## Bug Fixes

- use content box for OOPIF offset calculations ([#7911](#)) ([344feb5](#))

### [13.1.0](#) (2022-01-17)

## Features

- **chromium:** roll to Chromium 98.0.4758.0 (r950341) ([#7907](#)) ([a55c86f](#))

## Bug Fixes

- apply OOPIF offsets to bounding box and box model calls ([#7906](#)) ([a566263](#))
- correctly compute clickable points for elements inside OOPIFs ([#7900](#)) ([486bbe0](#)), closes [#7849](#)
- error for pre-existing OOPIFs ([#7899](#)) ([d7937b8](#)), closes [#7844](#) [#7896](#)

### [13.0.1](#) (2021-12-22)

## Bug Fixes

- disable a test failing on Firefox ([#7846](#)) ([36207c5](#))
- make sure ElementHandle.waitForSelector is evaluated in the right context ([#7843](#)) ([8d8e874](#))
- predicate arguments for waitForFunction ([#7845](#)) ([1c44551](#)), closes [#7836](#)

### [13.0.0](#) (2021-12-10)

## ⚠ BREAKING CHANGES

- typo in 'already-handled' constant of the request interception API ([#7813](#))

## Features

- expose HTTPRequest intercept resolution state and clarify docs ([#7796](#)) ([dc23b75](#))
- implement Element.waitForSelector ([#7825](#)) ([c034294](#))

## Bug Fixes

- handle multiple/duplicate Fetch.requestPaused events ([#7802](#)) ([636b086](#)), closes [#7475](#) [#6696](#) [#7225](#)
- revert "feat(typescript): allow using puppeteer without dom lib" ([02c9af6](#)), closes [#6998](#)
- typo in 'already-handled' constant of the request interception API ([#7813](#)) ([8242422](#)), closes [#7745](#) [#7747](#) [#7780](#)

### [12.0.1](#) (2021-11-29)

## Bug Fixes

- handle extralInfo events even if event.hasExtralInfo === false ([#7808](#)) ([6ee2feb](#)), closes [#7805](#)

## [12.0.0](#) (2021-11-26)

### ⚠ BREAKING CHANGES

- **chromium:** roll to Chromium 97.0.4692.0 (r938248)

## Features

- **chromium:** roll to Chromium 97.0.4692.0 (r938248) ([ac162c5](#)), closes [#7458](#)
- support for custom user data (profile) directory for Firefox ([#7684](#)) ([790c7a0](#))

## Bug Fixes

- **ariaqueryhandler:** allow single quotes in aria attribute selector ([#7750](#)) ([b0319ec](#)), closes [#7721](#)
- clearer jsdoc for behavior of `headless` when `devtools` is true ([#7748](#)) ([9f9b4ed](#))
- null check for frame in FrameManager ([#7773](#)) ([23ee295](#)), closes [#7749](#)
- only kill the process when there is no browser instance available ([#7762](#)) ([51e6169](#)), closes [#7668](#)
- parse statusText from the extralInfo event ([#7798](#)) ([a26b12b](#)), closes [#7458](#)
- try to remove the temporary user data directory after the process has been killed ([#7761](#)) ([fc94a28](#))

## [11.0.0](#) (2021-11-02)

### ⚠ BREAKING CHANGES

- **oop iframes:** integrate OOP iframes with the frame manager ([#7556](#))

## Features

- improve error message for response.buffer() ([#7669](#)) ([03c9ecc](#))
- **oop iframes:** integrate OOP iframes with the frame manager ([#7556](#)) ([4d9dc8c](#)), closes [#2548](#)
- add custom debugging port option ([#4993](#)) ([26145e9](#))
- add initiator to HTTPRequest ([#7614](#)) ([a271145](#))
- allow to customize tmpdir ([#7243](#)) ([b1f6e86](#))
- handle unhandled promise rejections in tests ([#7722](#)) ([07febca](#))

## Bug Fixes

- add support for relative install paths to BrowserFetcher ([#7613](#)) ([eebf452](#)), closes [#7592](#)
- add webp to screenshot quality option allow list ([#7631](#)) ([b20c2bf](#))
- prevent Target closed errors on streams ([#7728](#)) ([5b792de](#))
- request an animation frame to fix flaky clickablePoint test ([#7587](#)) ([7341d9f](#))
- setup husky properly ([#7727](#)) ([8b712e7](#)), closes [#7726](#)
- updated troubleshooting.md to meet latest dependencies changes ([#7656](#)) ([edb0197](#))
- **launcher:** launcher.launch() should pass 'timeout' option [#5180](#) ([#7596](#)) ([113489d](#))
- **page:** fallback to default in exposeFunction when using imported module ([#6365](#)) ([44c9ec6](#))
- **page:** fix page.off method for request event ([#7624](#)) ([d0cb943](#)), closes [#7572](#)

## [10.4.0](#) (2021-09-21)

## Features

- add webp to screenshot options ([#7565](#)) ([43a9268](#))
- **page:** expose page.client() ([#7582](#)) ([99ca842](#))
- **page:** mark page.client() as internal ([#7585](#)) ([8451951](#))
- add ability to specify offsets for JSHandle.click ([#7573](#)) ([2b5c001](#))
- add durableStorage to allowed permissions ([#5295](#)) ([eda5171](#))
- add id option to addScriptTag ([#5477](#)) ([300be5d](#))
- add more Android models to DeviceDescriptors ([#7210](#)) ([b5020dc](#)), closes [/github.com/aerokube/moon-deploy/blob/master/moon-local.yaml#L199](#)
- add proxy and bypass list parameters to createIncognitoBrowserContext ([#7516](#)) ([8e45a1c](#)), closes [#678](#)
- add threshold to Page.isIntersectingViewport ([#6497](#)) ([54c4318](#))
- add unit test support for bisect ([#7553](#)) ([a0b1f6b](#))
- add User-Agent with Puppeteer version to WebSocket request ([#5614](#)) ([6a2bf0a](#))

- extend husky checks ([#7574](#)) ([7316086](#))
- **api:** implement `Page.waitForNetworkIdle()` ([#5140](#)) ([3c6029c](#))
- **coverage:** option for raw V8 script coverage ([#6454](#)) ([cb4470a](#))
- support timeout for `page.pdf()` call ([#7508](#)) ([f90af66](#))
- **typescript:** allow using puppeteer without dom lib ([#6998](#)) ([723052d](#)), closes [#6989](#)

### Bug Fixes

- **docs:** deploy includes website documentation ([#7469](#)) ([6fde41c](#))
- **docs:** names in version 9.1.1 ([#7517](#)) ([44b22bb](#))
- **frame:** fix `Frame.waitFor`'s XPath pattern detection ([#5184](#)) ([caa2b73](#))
- **install:** respect environment proxy config when downloading Firef... ([#6577](#)) ([9399c97](#)), closes [#6573](#)
- added names in V9.1.1 ([#7547](#)) ([d132b8b](#))
- **test:** tweak `waitForNetworkIdle` delay in test between downloads ([#7564](#)) ([a21b737](#))
- **types:** allow evaluate functions to take a readonly array as an argument ([#7072](#)) ([491614c](#))
- update firefox prefs documentation link ([#7539](#)) ([2aec355](#))
- use non-deprecated tracing categories api ([#7413](#)) ([040a0e5](#))

## 10.2.0 (2021-08-04)

### Features

- **api:** make `page.isDragInterceptionEnabled` a method ([#7419](#)) ([dd470c7](#)), closes [#7150](#)
- **chromium:** roll to Chromium 93.0.4577.0 (r901912) ([#7387](#)) ([e10faad](#))
- add channel parameter for `puppeteer.launch` ([#7389](#)) ([d70f60e](#))
- add cooperative request intercepts ([#6735](#)) ([b5e6474](#))
- add support for `useragentdata` ([#7378](#)) ([7200b1a](#))

### Bug Fixes

- **browser-runner:** reject promise on error ([#7338](#)) ([5eb20e2](#))
- add script to remove html comments from docs markdown ([#7394](#)) ([ea3df80](#))

## 10.1.0 (2021-06-29)

### Features

- add a streaming version for `page.pdf` ([e3699e2](#))
- add drag-and-drop support ([#7150](#)) ([a91b8ac](#))
- add `page.emulateCPUThrottling` ([#7343](#)) ([4ce4110](#))

### Bug Fixes

- remove redundant `await` while fetching target ([#7351](#)) ([083b297](#))

## 10.0.0 (2021-05-31)

### ⚠ BREAKING CHANGES

- Node.js 10 is no longer supported.

### Features

- **chromium:** roll to Chromium 92.0.4512.0 (r884014) ([#7288](#)) ([f863f4b](#))
- **requestinterception:** remove `cacheSafe` flag ([#7217](#)) ([d01aa6c](#))
- expose other sessions from connection ([#6863](#)) ([cb285a2](#))
- **launcher:** add new launcher option `waitForInitialPage` ([#7105](#)) ([2605309](#)), closes [#3630](#)

### Bug Fixes

- added comments for `browsercontext`, `startCSSCoverage`, and `startJSCoverage`. ([#7264](#)) ([b750397](#))
- modified comment for method `product`, `platform` and `newPage` ([#7262](#)) ([159d283](#))
- **requestinterception:** fix font loading issue ([#7060](#)) ([c9978d2](#)), closes [/github.com/puppeteer/puppeteer/pull/6996#issuecomment-811546501](#)  
[/github.com/puppeteer/puppeteer/pull/6996#issuecomment-813797393](#), [#7038](#)

- drop support for Node.js 10 ([#7200](#)) ([97c9fe2](#)), closes [#6753](#)

### [9.1.1](#) (2021-05-05)

#### Bug Fixes

- make `targetFilter` synchronous ([#7203](#)) ([bcc85a0](#))

### [9.1.0](#) (2021-05-03)

#### Features

- add option to filter targets ([#7192](#)) ([ec3fc2e](#))

#### Bug Fixes

- change `rm -rf` to `rimraf` ([#7168](#)) ([ad6b736](#))

### [9.0.0](#) (2021-04-21)

#### ⚠ BREAKING CHANGES

- **filechooser**: `FileChooser.cancel()` is now synchronous.

#### Features

- **chromium**: roll to Chromium 91.0.4469.0 (r869685) ([#7110](#)) ([715e7a8](#))
- **launcher**: fix installation error on Apple M1 chips ([#7099](#)) ([c239d9e](#)), closes [#6622](#)
- **network**: request interception and caching compatibility ([#6996](#)) ([8695759](#))
- **page**: emit the event after removing the Worker ([#7080](#)) ([e34a6d5](#))
- **types**: improve type of predicate function ([#6997](#)) ([943477c](#)), closes [/github.com/DefinitelyTyped/DefinitelyTyped/blob/c43191a8f7a7d2a47bbff0bc3a7d95ecc64d2269/types/puppeteer/index.d.ts#L1883-L1885](#)
- accept `captureBeyondViewport` as optional screenshot param ([#7063](#)) ([0e092d2](#))
- **page**: add `omitBackground` option for `page.pdf` method ([#6981](#)) ([dc8ab6d](#))

#### Bug Fixes

- **aria**: fix parsing of ARIA selectors ([#7037](#)) ([4426135](#))
- **page**: fix `mouse.click` method ([#7097](#)) ([ba7c367](#)), closes [#6462](#) [#3347](#)
- make `$` and `$$` selectors generic ([#6883](#)) ([b349c91](#))
- type page event listeners correctly ([#6891](#)) ([866d34e](#))
- **typescript**: allow `defaultViewport` to be `'null'` ([#6942](#)) ([e31e68d](#)), closes [#6885](#)
- make screenshots work in puppeteer-web ([#6936](#)) ([5f24f60](#))
- **filechooser**: `cancel` is sync ([#6937](#)) ([2ba61e0](#))
- **network**: don't disable cache for auth challenge ([#6962](#)) ([1c2479a](#))

### [8.0.0](#) (2021-02-26)

#### ⚠ BREAKING CHANGES

- renamed type `ChromeArgOptions` to `BrowserLaunchArgumentOptions`
- renamed type `BrowserOptions` to `BrowserConnectOptions`

#### Features

- **chromium**: roll Chromium to r856583 ([#6927](#)) ([0c688bd](#))

#### Bug Fixes

- explicit `HTTPRequest.resourceType` type defs ([#6882](#)) ([ff26c62](#)), closes [#6854](#)
- expose `Viewport` type ([#6881](#)) ([be7c229](#))
- improve TS types for launching browsers ([#6888](#)) ([98c8145](#))
- move CI npm config out of `.npmrc` ([#6901](#)) ([f7de60b](#))

### [7.1.0](#) (2021-02-12)

#### Features

- **page:** add color-gamut support to Page.emulateMediaFeatures ([#6857](#)) ([ad59357](#)), closes [#6761](#)

#### Bug Fixes

- add favicon test asset ([#6868](#)) ([a63f53c](#))
- expose `ScreenshotOptions` type in type defs ([#6869](#)) ([63d48b2](#)), closes [#6866](#)
- expose puppeteer.Permission type ([#6856](#)) ([a5e174f](#))
- jsonValue() type is generic ([#6865](#)) ([bdaba78](#))
- wider compat TS types and CI checks to ensure correct type defs ([#6855](#)) ([6a0eb78](#))

#### [7.0.4](#) (2021-02-09)

#### Bug Fixes

- make publish bot run full build, not just tsc ([#6848](#)) ([f718b14](#))

#### [7.0.3](#) (2021-02-09)

#### Bug Fixes

- include lib/types.d.ts in files list ([#6844](#)) ([e34f317](#))

#### [7.0.2](#) (2021-02-09)

#### Bug Fixes

- much better TypeScript definitions ([#6837](#)) ([f1b46ab](#))
- **domworld:** reset bindings when context changes ([#6766](#)) ([#6836](#)) ([4e8d074](#))
- **launcher:** output correct error message for browser ([#6815](#)) ([6c61874](#))

#### [7.0.1](#) (2021-02-04)

#### Bug Fixes

- **typescript:** ship .d.ts file in npm package ([#6811](#)) ([a7e3c2e](#))

#### [7.0.0](#) (2021-02-03)

#### ⚠ BREAKING CHANGES

- `page.screenshot` makes a screenshot with the clip dimensions, not cutting it by the ViewPort size.
- **chromium:** - `page.screenshot` cuts screenshot content by the ViewPort size, not ViewPort position.

#### Features

- use `captureBeyondViewport` in `Page.captureScreenshot` ([#6805](#)) ([401d84e](#))
- **chromium:** roll Chromium to r848005 ([#6801](#)) ([890d5c2](#))

#### [6.0.0](#) (2021-02-02)

#### ⚠ BREAKING CHANGES

- **chromium:** The built-in `aria/` selector query handler doesn't return ignored elements anymore.

#### Features

- **chromium:** roll Chromium to r843427 ([#6797](#)) ([8f9fbdb](#)), closes [#6758](#)
- add page.emulateNetworkConditions ([#6759](#)) ([5ea76e9](#))
- **types:** expose typedefs to consumers ([#6745](#)) ([ebd087a](#))
- add iPhone 11 models to DeviceDescriptors ([#6467](#)) ([50b810d](#))
- support fetching and launching on Apple M1 ([9a8479a](#)), closes [#6495](#) [#6634](#) [#6641](#) [#6614](#)
- support promise as return value for page.waitForResponse predicate ([#6624](#)) ([b57f3fc](#))

#### Bug Fixes

- **domworld:** fix waitfor bindings ([#6766](#)) ([#6775](#)) ([cac540b](#))
- **launcher:** rename TranslateUI to Translate to match Chrome ([#6692](#)) ([d901696](#))
- do not use old utility world ([#6528](#)) ([fb85911](#)), closes [#6527](#)
- update to https-proxy-agent@^5.0.0 to fix `ERR_INVALID_PROTOCOL` ([#6555](#)) ([3bf5a55](#))

## **5.5.0** (2020-11-16)

### **Features**

- **chromium:** roll Chromium to r818858 ([#6526](#)) ([b549256](#))

### **Bug Fixes**

- **common:** fix generic type of `_isClosedPromise` ([#6579](#)) ([122f074](#))
- **domworld:** fix missing binding for waittasks ([#6562](#)) ([67da1cf](#))

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