

# Chrome DevTools

A powerful toolbox inside the browser

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24. März 2019

- Every two months a new Chrome version will be released with a lot features for viewing websites.
- But each new release contains also a more or less new features for the DevTools

# Advertising for new features

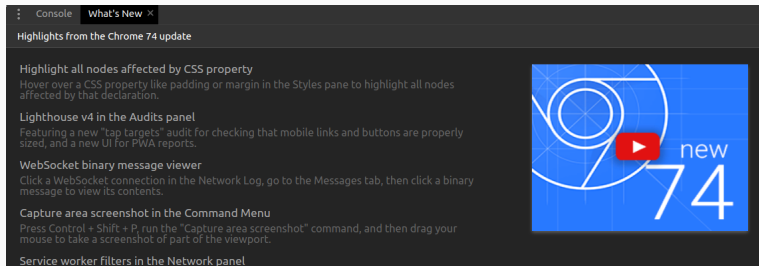


Abbildung 1: What's new console

- [What's new in Chrome DevTools 73](#)
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What's happend since version 70

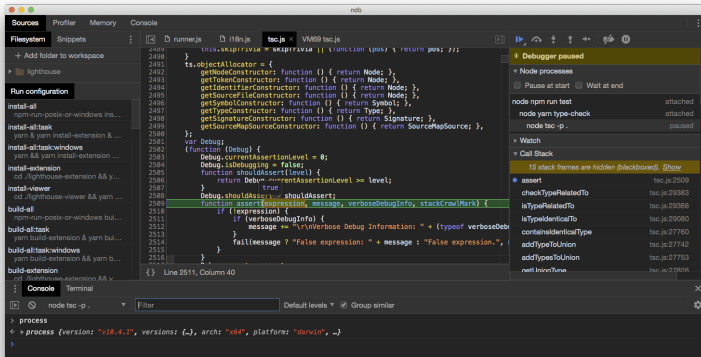
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- Live Expressions in the console

- Live Expressions in the console
- Autocomplete Conditional Breakpoints



- Debug Node.js apps with ndb

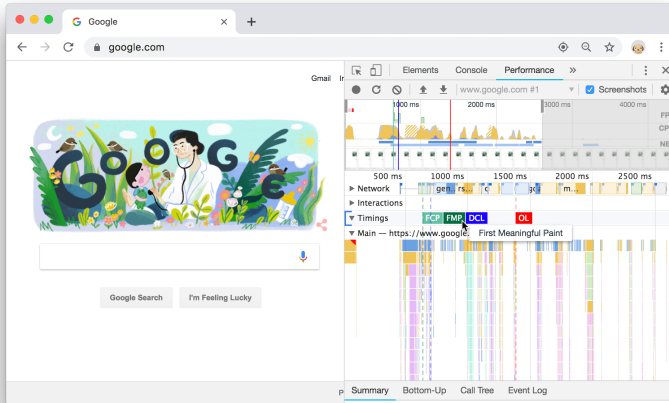


- Store DOM nodes as global variables

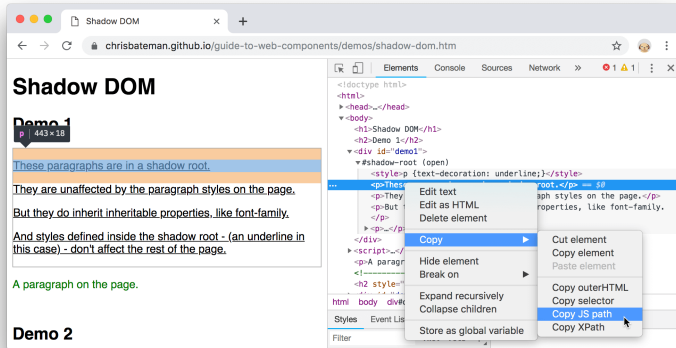
- Store DOM nodes as global variables
- Run **monitorEvents** in the Console to watch an element's events fire

```
monitorEvents(selector, [...events])
```

- Visual performance metrics



- Copy JS path

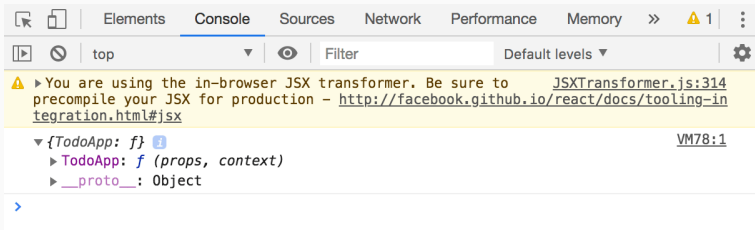


```
document.querySelector('#demo1')  
  .shadowRoot.querySelector('p:nth-child(2)')
```

- Logpoints

The screenshot shows the Chrome DevTools Sources panel. The left sidebar displays the file system structure of a project, with the file `app.jsx` selected. The main pane shows the code in `app.jsx`, with a logpoint set at line 174. The logpoint is labeled `{TodoApp}`. The code in the main pane is as follows:

```
13 app.COMPLETED_TODOs = 'completed';
14 var TodoFooter = app.TodoFooter;
15 var TodoItem = app.TodoItem;
16
17 var ENTER_KEY = 13;
18
19 var TodoApp = React.createClass({...});
173
174 var model = new app.TodoModel('react-todos');
175
176
177 function render() {
178   React.render(
179     <TodoApp model={model}/>,
180     document.getElementsByClassName('todoapp')[0]
181   );
182 }
183 model.subscribe(render);
184 render();
185 }();
186
```



# • Tooltips in Inspect Mode

The screenshot displays the Chrome DevTools interface. At the top, the 'Tools' tab is active. A tooltip is shown over an 

# element, displaying its dimensions (297 x 40), color (#212121), font (32px 'Google Sans',...), and margin (0px 0px 24px). The main content area shows the 'Chrome DevTools' header with a star rating. The left sidebar contains a navigation menu with links like 'Home', 'Open DevTools', 'DevTools for Beginners', 'CSS', 'JavaScript', 'UI References and Overviews', 'Accessibility', 'Simulate Mobile Devices', 'Remote Debug Android Devices', and 'Console'. The bottom panel is split into 'Elements' and 'Styles'. The 'Elements' panel shows the DOM tree with the selected element highlighted. The 'Styles' panel shows the CSS rules for the selected element, including a rule for with a margin-top of 0px, position of relative, and top of -4px.

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Missed the action at the 2018 Chrome Dev Summit? Watch now. in the Google Chrome Developers channel on YouTube. [Watch now.](#)

h1.devsite-page-title 297 x 40

Color #212121

Font 32px "Google Sans",...

Margin 0px 0px 24px

Chrome DevTools ☆☆☆☆☆

Contents

Open DevTools

DevTools for Beginners

Get started

Discover DevTools

...

Elements Console Sources Network Performance Memory Application Security

```
<article class="devsite-article">
  <article class="devsite-article-inner">
    <div class="devsite-rating-container">
    </div>
    <script>
    </script>
    <nav class="devsite-breadcrumb-nav devsite-nav">
    </nav>
    <h1 itemprop="name" class="devsite-page-title">
      Chrome DevTools
    </h1>
    <nav class="devsite-page-nav-embedded devsite-nav">
    </nav>
    <div class="devsite-article-body clearfix">
    </div>
    <div class="devsite-content-footer nocontent">
    </div>
  </article>
```

Styles

Filter :hov .cls

```
element.style {
}

.devsite-article devsite-google-blue.css:1
h1:first-of-type {
  margin-top: 0;
  position: relative;
  top: -4px;
}

h1, .devsite-landing-
row h2, .devsite-
landing-row-large-headings .devsite-landing-row-
item-description h3 devsite-products-alpha-beta-
```



- Override custom geolocation

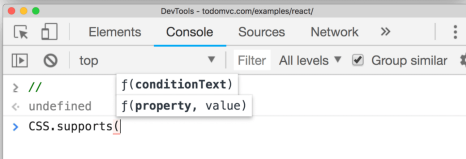
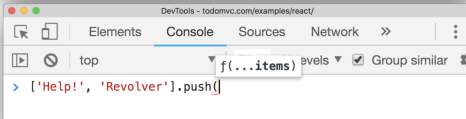
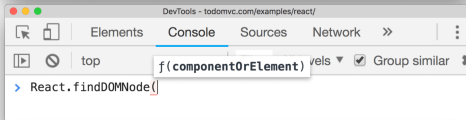
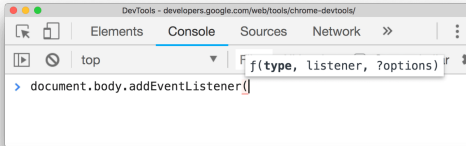
- Override custom geolocation
- Code folding

## Tips and Tricks

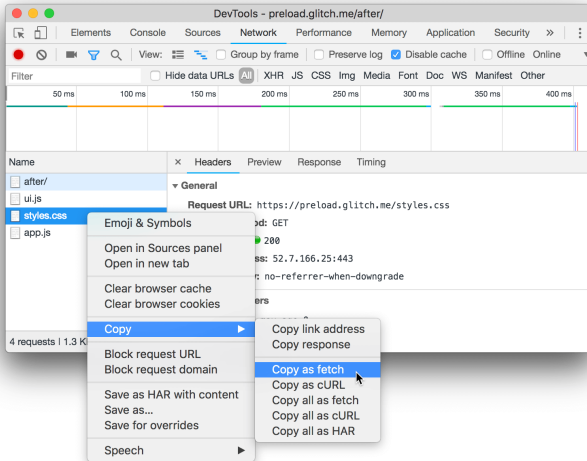
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- Force state - makes states (hover, focus, active) permanent

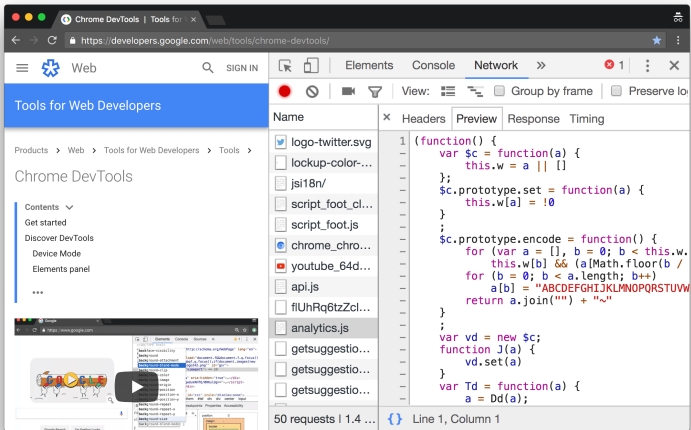
- Force state - makes states (hover, focus, active) permanent
- Argument hints



- Copy as fetch



- Pretty-printing in the Preview and Response tabs



- View interactive media queries

