

Chrome DevTools

A powerful toolbox inside the browser

Jan Baer

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- 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

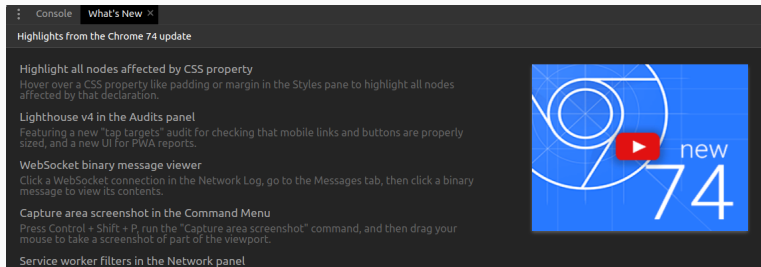


Abbildung 1: What's new console

- [What's new in Chrome DevTools 73](#)
- [What's new in Chrome DevTools 72](#)
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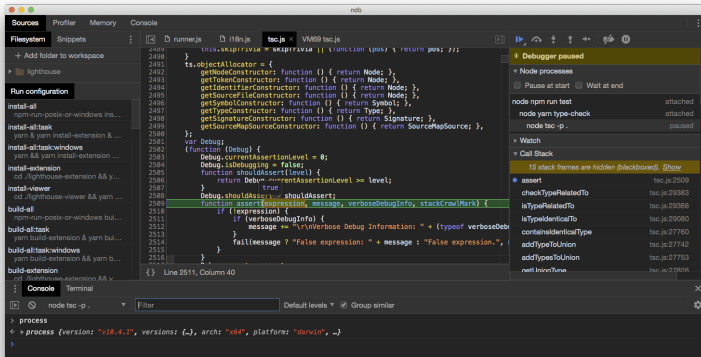
- [What's new in Chrome DevTools 74](#)
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What's happend since version 70

- Live Expressions in the console

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- Autocomplete Conditional Breakpoints

- Debug Node.js apps with ndb

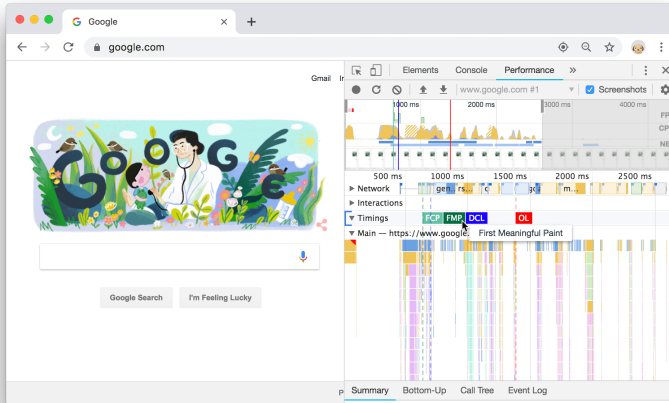


- Store DOM nodes as global variables

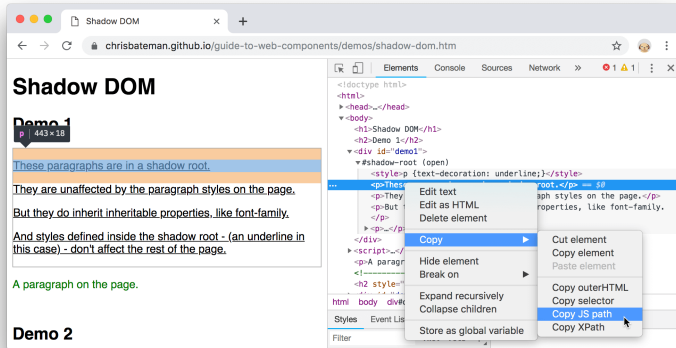
- Store DOM nodes as global variables
- Run **monitorEvents** in the Console to watch an element's events fire

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

- Visual performance metrics



- Copy JS path

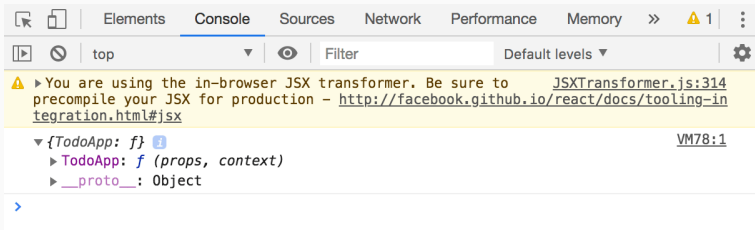


```
document.querySelector('#demo1')  
  .shadowRoot.querySelector('p:nth-child(2)')
```

- 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 shows the Chrome DevTools interface in Inspect Mode. The top bar includes the Chrome logo, 'Web' tab, 'Fundamentals' section, 'Tools' tab, and a search bar. The left sidebar shows the 'Home' section with links to 'Open DevTools', 'DevTools for Beginners', 'CSS', 'JavaScript', 'UI References and Overviews', 'Accessibility', 'Simulate Mobile Devices', 'Remote Debug Android Devices', and 'Console'. The main content area displays a banner for 'Chrome DevTools' with a tooltip hovering over the text. The tooltip shows the following information:

- h1.devsite-page-title 297 x 40
- Color: #212121
- Font: 32px "Google Sans",...
- Margin: 0px 0px 24px

The bottom panel shows the 'Elements' tab with the following HTML structure:

```
<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>
```

The 'Styles' panel on the right shows the following CSS rules:

```
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-
```

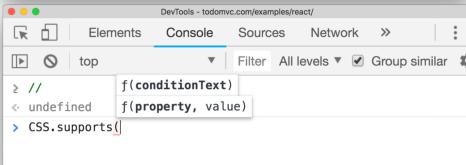
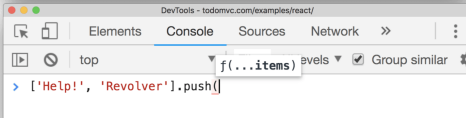
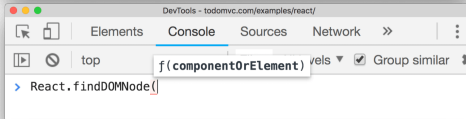
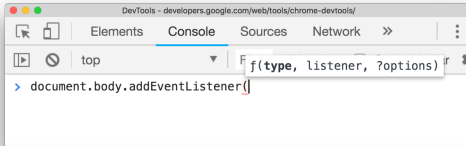

- Override custom geolocation

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- Code folding

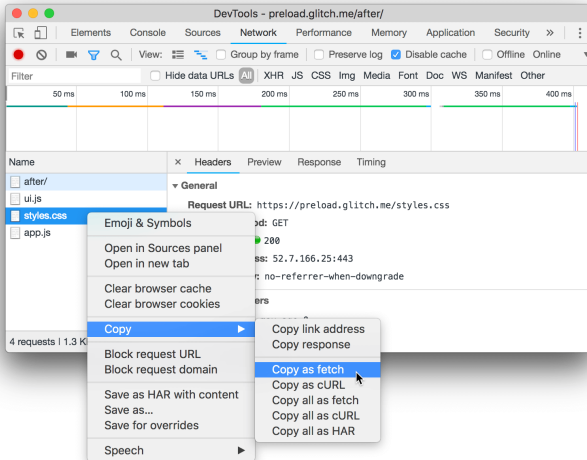
More Tips and Tricks

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

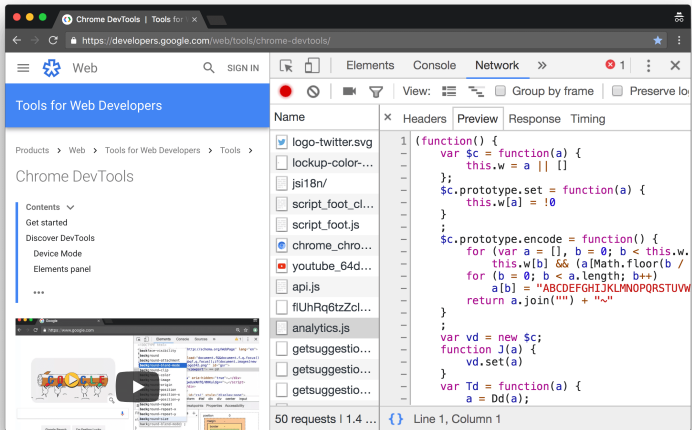
- Argument hints



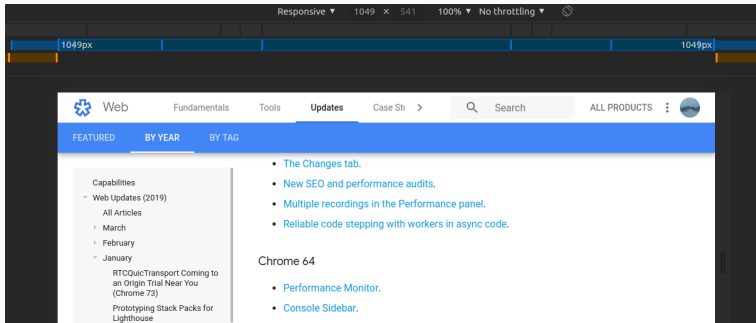
- Copy as fetch



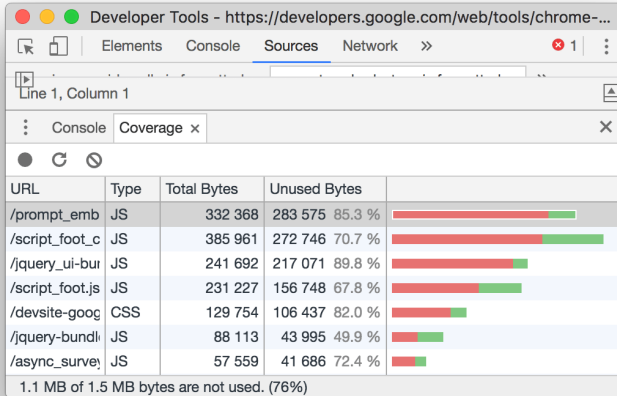
- Pretty-printing in the Preview and Response tabs



- View interactive media queries



- Record the code-coverage for your JavaScript and CSS



- Special Keywords for filtering network requests

Thank you!
