Frontender[1.0] Новая фича CSS - anchor (привязка). Контекстное меню

YouTube	https://youtu.be/YRfidbf47OA
Telegram	https://t.me/Dmitry_Kolotilshikov
Номер урока	65

📌 С помощью нового состава функций и свойств в CSS можно привязывать что угодно к `<button>` или `<input type="button">`, разбираем как делать, фича еще в эксперементальном режиме. Могу быть изменения в ее API, но думаю уже скоро зарелизится. Чтобы хром отрисовывал новый функционал смотри ниже как включить и после го кодить.

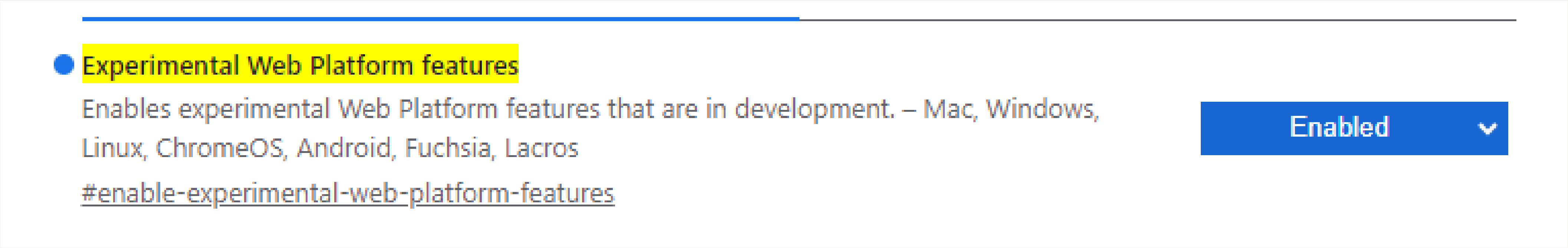
https://mdn.github.io/dom-examples/popover-api/

https://developer.chrome.com/blog/tether-elements-to-each-other-with-css-anchor-positioning/

https://developer.mozilla.org/en-US/docs/Web/HTML/Global_attributes/popover

https://developer.mozilla.org/en-US/docs/Web/API/Popover_API

Включить в хроме новые фичи: chrome://flags/#enable-experimental-web-platform-features


● Experimental Web Platform features

Enables experimental Web Platform features that are in development. – Mac, Windows, Linux, ChromeOS, Android, Fuchsia, Lacros

#enable-experimental-web-platform-features

Enabled

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="styles.css">
    <link rel="stylesheet" href="menu.css">
    <title>Anchor & Popover 🍳</title>
```

```
</head>

<body>
    <div class="container">
        <form>
            <label for="text-field-id" class="experience-label">
                Type your experience
                <button id="menu-btn-id" popovertarget="menu-tip-id" type="button" class="tip-btn"
                    popovertargetaction="show">🍳</button>
            </label>

            <textarea type="text" id="text-field-id" class="input-experience"></textarea>

            <!-- <div id="menu-tip-id" class="experience-menu-tip" popover anchor="menu-btn-id">Your experience is really important for us, let
            <div id="menu-tip-id" class="experience-menu-tip" popover="manual">
                <button type="button" popovertarget="menu-tip-id" popovertargetaction="hide">X</button>
                Your experience is really important for us, let us know
            </div>
        </form>

        <button type="button" id="frontend-btn-id" class="frontend-menu-btn" popovertarget="frontend-menu-id">Frontend
            menu</button>

        <div id="frontend-menu-id" class="frontend-menu" popover>
            <ul>
                <li>HTML</li>
                <li>CSS</li>
                <li>JavaScript</li>
                <li>React
                    <button type="button" id="react-item-btn" class="react-item-btn" popovertarget="react-menu-id">i</button>
                </li>
                <li>Typescript</li>
            </ul>
        </div>

        <div class="react-menu" id="react-menu-id" popover>
            <h4>React</h4>
            <p>The library for web and native user interfaces</p>
```

```html
            <p>React makes it painless to create interactive UIs. Design simple views for each state in your
                application, and React will efficiently update and render just the right components when your data
                changes.</p>
        </div>
    </div>
</body>

</html>
```

```css
* {
    box-sizing: border-box;
}

body {
    margin: 0;
    background-color: rgb(250, 250, 225);
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

.container {
    margin: 80px auto;
    max-width: 400px;
}

.experience-label {
    display: block;
    margin: 1em 0;
    font-size: 1.5rem;
}

.input-experience {
    width: 100%;
    padding: .5em;
    font-size: 1.5rem;
    border-radius: 10px;
}
```

```
.tip-btn {
    border: none;
    background: none;
    cursor: pointer;
    anchor-name: --menu-tip;
}

.experience-menu-tip {
    anchor-default: --menu-tip;
    position-fallback: --experience-tip-pos;
    border: none;
    width: 200px;
    background-color: #fff;
    padding: 1em;
    border-radius: 10px;
    box-shadow: 3px 2px 5px 0 rgba(0,0,0,.3);
    inset: unset;
}

.experience-menu-tip::backdrop {
    backdrop-filter: blur(3px) brightness(60%);
}

@position-fallback --experience-tip-pos {
    @try {
        top: anchor(bottom);
        left: anchor(right);
    }
    @try {
        top: anchor(bottom);
        right: anchor(left);
    }
}
```

```
.frontend-menu-btn {
    anchor-name: --frontend-menu-btn;
}
```

```css
.frontend-menu {
    anchor-default: --frontend-menu-btn;
    border: none;
    background-color: #fff;
    width: 200px;
    font-size: 1.3rem;
    padding: .5em;
    border-radius: 10px;
    box-shadow: 3px 2px 5px 0 rgba(0,0,0,.3);
    inset: unset;
    top: anchor(bottom);
    left: anchor(left);
}

.react-item-btn {
    anchor-name: --react-item-btn;
}

.react-menu {
    anchor-default: --react-item-btn;
    position-fallback: --frontend-react-pos;
    border: none;
    background-color: #fff;
    width: 250px;
    font-size: .9rem;
    padding: .5em;
    border-radius: 10px;
    box-shadow: 3px 2px 5px 0 rgba(0,0,0,.3);
    inset: unset;
    margin: 0 0 0 80px;
    /* translate: 0 -50%; */
}

@position-fallback --frontend-react-pos {
    @try {
        bottom: anchor(bottom);
        left: anchor(center);
    }
    @try {
        bottom: anchor(bottom);
        left: calc(anchor(left) - 70px);
    }
}
```