

# Середовище розробки

# Редактори коду

## Online:

- Дають можливість писати код прямо в браузері
- Негайне виконання коду
- Збереження коду локально
- ***Не рекомендується використовувати для роботи над проектами, адже код може легко втратитись при закриванні вкладки браузера***

## Offline:

- Встановлюються на комп'ютер
- Підсвітка синтаксису коду
- Autocomplete
- Task Runners
- Можливість додавати плагіни, які полегшують розробку
- Код не втрачається коли ви закриваєте редактор
- Код відразу зберігається локально у сорс-файлах.

# Online редактори

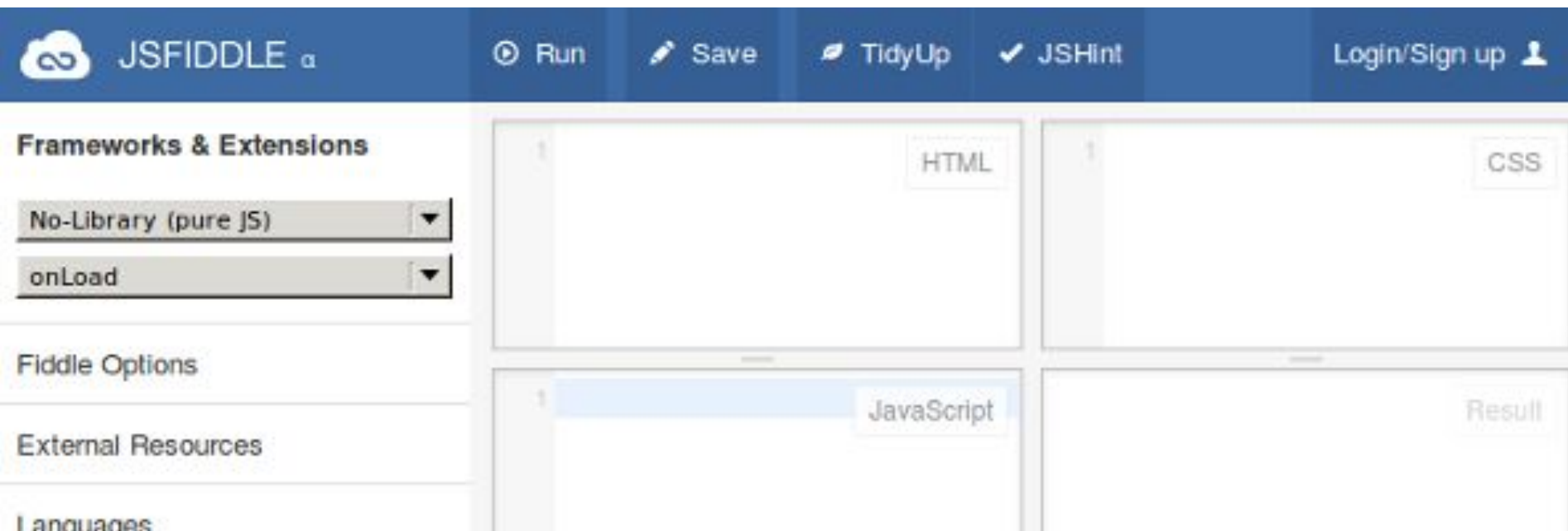
[JSFiddle.net](#)

[LiveWeave.com](#)

[CodePen.io](#)

[JsDo.it](#)

[Cloud9](#)



The screenshot shows the JSFiddle.net web interface. At the top, there is a blue navigation bar with the JSFiddle logo, the text "JSFIDDLE", and several utility buttons: "Run", "Save", "TidyUp", "JSHint", and "Login/Sign up". Below the navigation bar, the interface is divided into several sections. On the left, there is a sidebar with "Frameworks & Extensions" (set to "No-Library (pure JS)" and "onLoad"), "Fiddle Options", "External Resources", and "Languages". The main area is a 2x2 grid of code editors. The top-left editor is labeled "HTML", the top-right is "CSS", the bottom-left is "JavaScript", and the bottom-right is "Result". The "JavaScript" editor is currently selected and highlighted in light blue.

# Online редактори



JSFiddle.net

LiveWeave.com

CodePen.io

JsDo.it

Cloud9

A screenshot of the LiveWeave.com online code editor interface. The interface is dark-themed and divided into four quadrants. The top navigation bar includes 'Liveweave', 'Tools', 'Library', 'Team Up', 'Save', 'Live Mode' (with a toggle), 'Night Vision' (with a toggle), and 'Login'. The top-left quadrant shows HTML code for a demo page with a title 'HTML5, CSS3 and JavaScript demo' and a paragraph with class 'lw'. The top-right quadrant shows JavaScript code for a 'test()' function. The bottom-left quadrant shows CSS code for the 'body' and '.lw' classes. The bottom-right quadrant displays the rendered output: 'Auto-saved every 5 seconds' in large blue text. A yellow 'JS' label is visible in the bottom-right corner of the editor area.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>HTML5, CSS3 and JavaScript demo</title>
5 </head>
6 <body>
7 <!-- Start your code here -->
8
9 <p class="lw">Auto-saved every<br/> 5 seconds</p>
10
11 <!-- End your code here -->
12 </body>
13 </html>
```

```
1 function test() {
2   // To do
3 }
```

```
1 body { background-color: #333;}
2 .lw { color: #87CEFA; font-size: 75px;}
```

Auto-saved every  
5 seconds

# Online редактори



JSFiddle.net

LiveWeave.com

CodePen.io

JsDo.it

Cloud9

A screenshot of the CodePen.io web editor interface. The top bar shows the CodePen logo, 'Fork' and 'Share' buttons, and 'Log In' and 'Sign Up' buttons. The editor is split into three panes: HTML, CSS (SCSS), and JS. The HTML pane contains code for a circle with a light green fill and a white stroke. The CSS pane contains SCSS code for styling the body, including a background image and an animation. The JS pane contains a comment about live previewing.

CodePen.io

CODEPEN Fork Share Editor Log In Sign Up

```
HTML
1 <div class="b2121">
2 <svg id="circle-middle"><circle fill=#EDED EDC1 cx=50 cy=50 r="44" /></svg>
3 <svg><circle fill=lightgreen cx=20 cy=20 r="9.5" stroke="white" stroke-width="3" />
4 </svg>
5 </div>
```

```
CSS (SCSS)
1 html, body {
2   height: 100%;
3   background: #07121b
4   url(http://www.amrzek.com/space.png) repeat
5   0px 0px;
6   height: 100vh;
7   animation: space 15s linear infinite;
8   -webkit-animation: space 15s linear
9   infinite;
10  -moz-animation: space 15s linear
11  infinite;
12  -o-animation: space 15s linear
13  infinite;
14 }
```

```
JS
1 // Type code and see what happens live
2 // from your phone /tablet/anywhere
3 // CSS ,html , js , coffeescript,scss,sass
4 // etc
```

# Online редактори

JSFiddle.net

LiveWeave.com

CodePen.io

JsDo.it

Cloud9



The screenshot displays a web-based code editor interface. On the left side, a dark-themed code editor shows the following HTML code:

```
1 document.write('<p>Hello, World! </p>');  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14
```

Below the code editor, a preview window shows the rendered output: "Hello, World!". The top right corner of the interface features a red "Save" button and a file name "2010-12-06 1st - edit".

# Online редактори

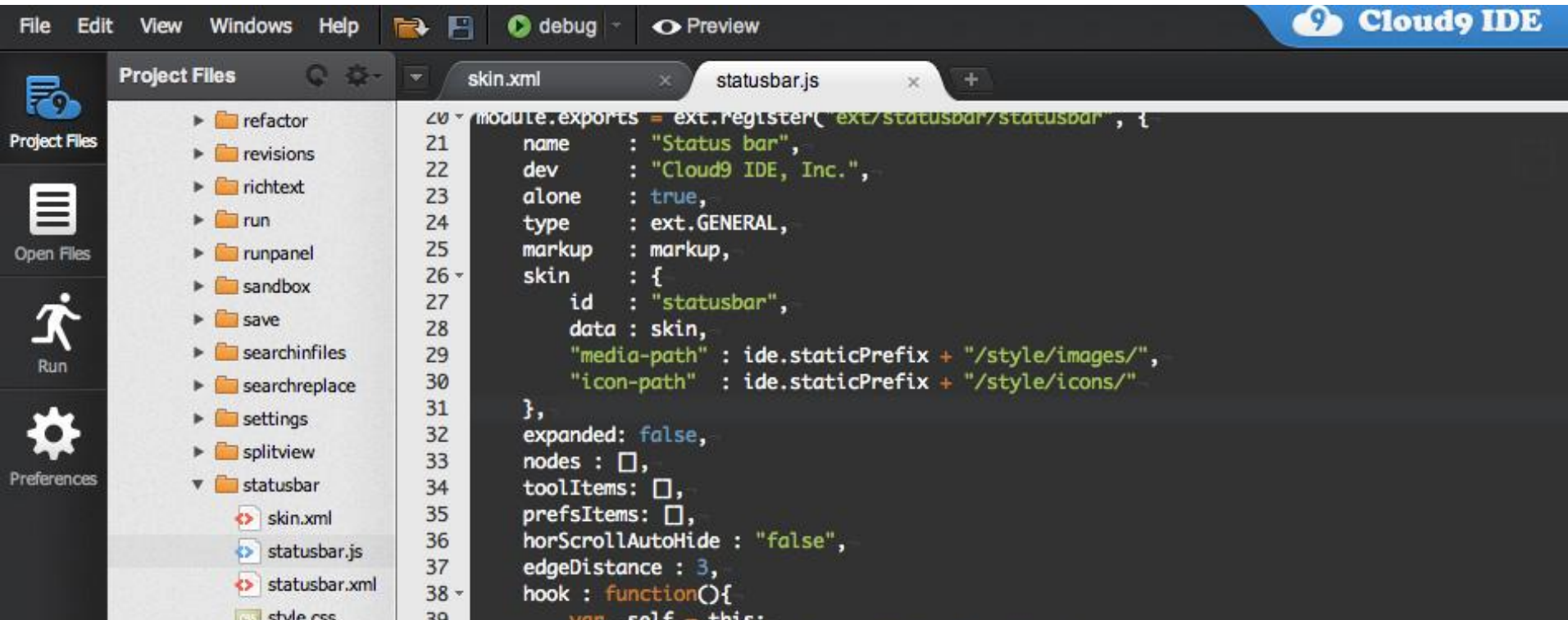
JSFiddle.net

LiveWeave.com

CodePen.io

JsDo.it

## Cloud9

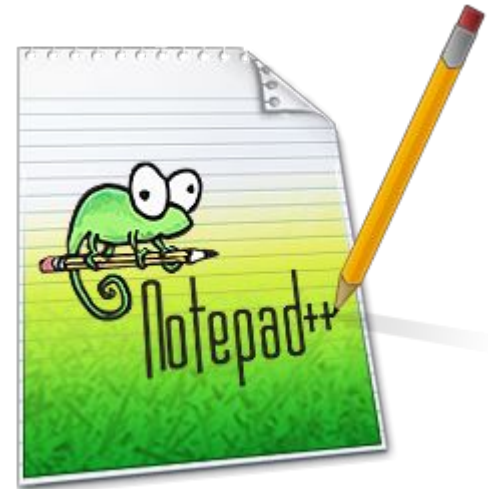


# Offline редактори (прости)

Notepad



Notepad++





# Offline редактори (smart)

Sublime



Brackets



Atom



IDE

# Integrated Development Environment



# Валідатори коду

Найпопулярніший HTML валідатор:  
**[validator.w3.org](http://validator.w3.org)**

Найпопулярніший CSS валідатор:  
**[jigsaw.w3.org/css-validator](http://jigsaw.w3.org/css-validator)**

**Дякую за увагу!**