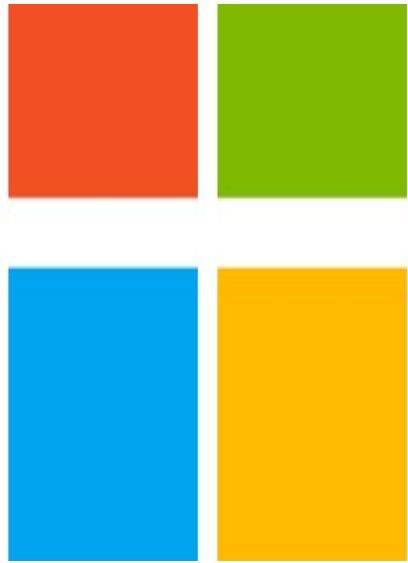


The background is a collage of various financial application screenshots, tilted at different angles. Visible elements include: a 'Current Balance' of \$12,928.12; a 'Spent' amount of \$4,101.67; a 'Monthly Limit' of \$8,500; a 'Send Money' button; a 'Current Balance' of \$15,694.26; a 'Mixcloud Premium' subscription for \$5.99; and an 'Income' of \$6,563.62. The text 'UNIX' is also visible on one of the app interfaces.

# Using Web Components Like a Boss

Burton Smith  
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Microsoft

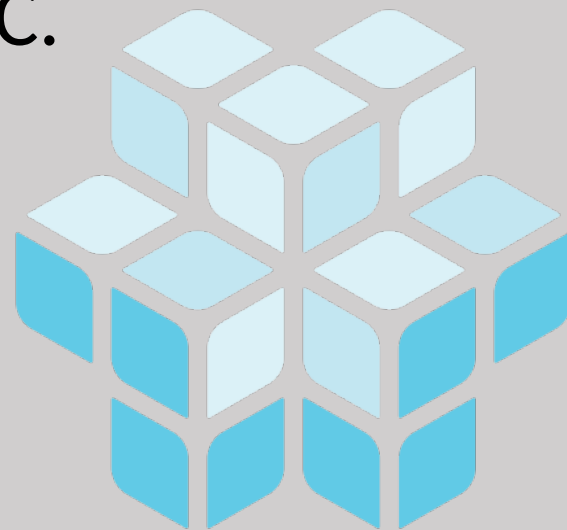
A.

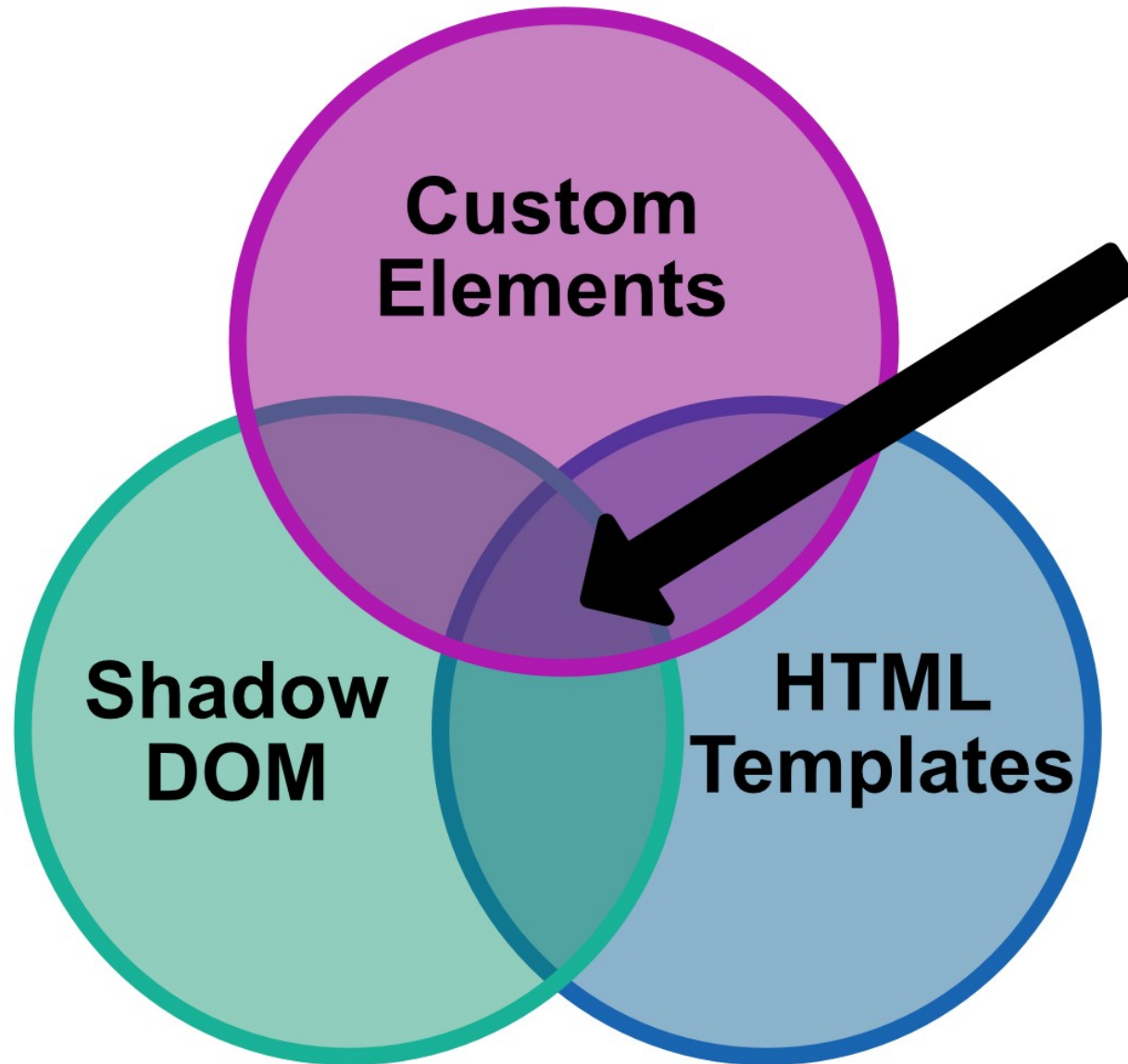


B.



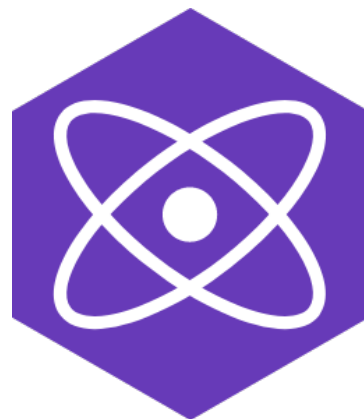
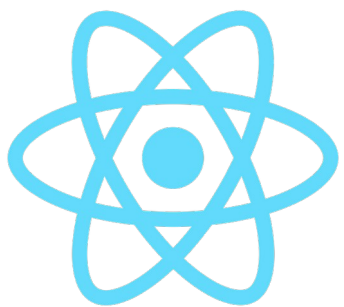
C.





**Web  
Components**





# We should use web components!!!



**THE**

**DIC**

**FRAMEWORK**



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# Custom Elements Manifest (CEM)

```
{
  "schemaVersion": "1.0.0",
  "readme": "",
  "modules": [
    {
      "kind": "javascript-module",
      "path": "src/components/button/button.ts",
      "declarations": [
        {
          "kind": "class",
          "description": "An example button component",
          "name": "MyButton",
          "cssProperties": [
            {
              "description": "The background color of the button",
              "name": "--button-bg-color",
              "default": "#f0f0f0"
            },
            {
              "description": "The text color of the button"
            }
          ]
        }
      ]
    }
  ]
}
```

<https://dev.to/stuffbreaker/you-should-be-shipping-a-manifest-with-your-web-components-2da0>

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# Documentation

- Interactive & sharable examples
- API details

# Interactive & sharable examples



## Code Bubble



<https://www.npmjs.com/package/code-bubble>

# API Details

<https://www.npmjs.com/package/wc-dox>

## Imports #

You can import the component in the following ways:

HTML NPM React

```
<script type="module" src="https://cdn.jsdelivr.net/npm/my-library/dist/my-element/.js"></script>
```

## Attributes and Properties #

The following Properties and Attributes are available:

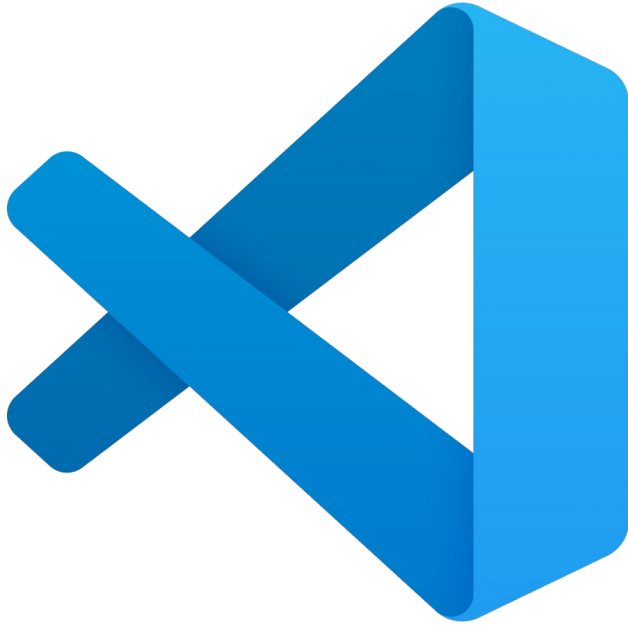
Name	Attribute	Description	Type	Default	Read-only	Deprecated
docsHint	docs-hint	Copy for the read the docs hint.	string	"Click on the Storybook logo to learn more"		
count	count	The number of times the button has been clicked.	number	0		
label	label	Adds a label to the component	string   undefined	undefined		

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# IDEs



<https://www.npmjs.com/package/custom-element-vs-code-integration>

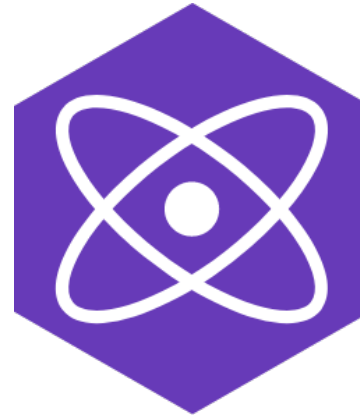
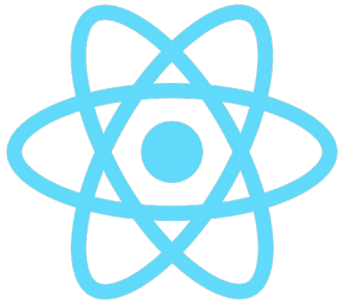
<https://www.npmjs.com/package/custom-element-jet-brains-integration>





# WebStorm

# Frameworks



# JSX Integration

# HTML Linting



Find components ⌘ K

My Element

Docs

Default



# Storybook

count is 0

Click on the Storybook logo to learn more

Controls

11

Actions



Name	Description	Default	Control
> CSS PROPERTIES			
> CSS SHADOW PARTS			
< ATTRIBUTES			
docs-hint	Copy for the read the docs hint. arg ref - docsHint string	Click on the Storybook logo to learn more	Click on the Storybook logo to learn more
label	Adds a label to the component arg ref - label string undefined		Edit string...
> SLOTS			
> EVENTS			

# Lazy-Loading Components



# Integrations

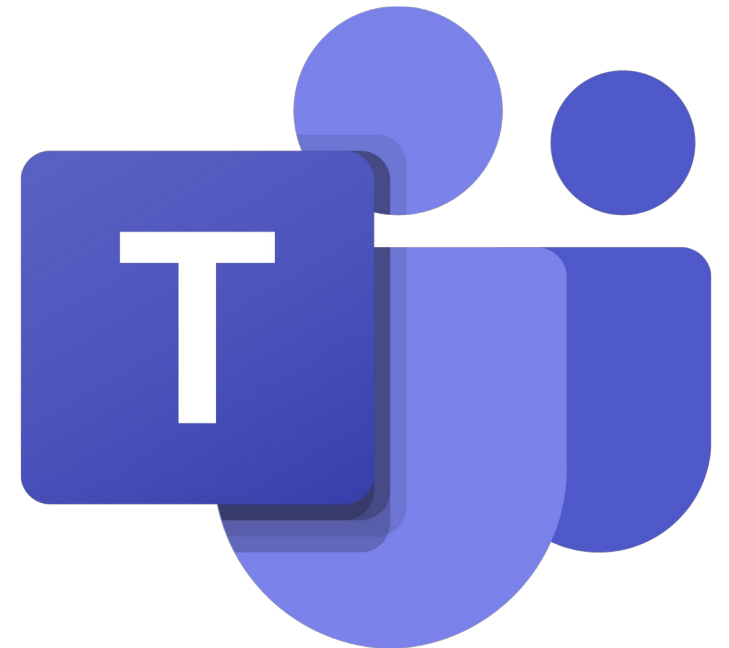
- <https://www.npmjs.com/package/wc-storybook-helpers>
- <https://www.npmjs.com/package/custom-element-vs-code-integration>
- <https://www.npmjs.com/package/custom-element-jet-brains-integration>
- <https://www.npmjs.com/package/custom-element-solidjs-integration>
- <https://www.npmjs.com/package/custom-element-jsx-integration>
- <https://www.npmjs.com/package/custom-element-react-wrappers>
- <https://www.npmjs.com/package/custom-element-vuejs-integration>
- <https://www.npmjs.com/package/custom-element-svelte-integration>
- <https://www.npmjs.com/package/custom-element-lazy-loader>
- <https://www.npmjs.com/package/eslint-plugin-custom-element>

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**Questions???**

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# Using Web Components Like a Boss

January 16, 2025

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