



Dev Concepts

What Is Templating Engine? [Dev Concepts #13]

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Learn all about templating engine in this Dev Concepts lesson!



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At the end of the lesson, we have included a live code example, so we can **render an HTML-based UI** with a templating engine. We will use the **Handlebars templating engine** in JavaScript to render the dataset as **HTML** document.

Templating engines **render data as HTML** or **other format** through a **template**.

This is very **useful**, when you want to **visualize data**, which comes from **the server-side** or from a **database**.

The template is written in some templating language like **Razor**, **Handlebars** or **Pug**.

Typically, templates combine **HTML** with **special tags**.

Templates can render **variables**, **iterate over a collection** and **perform conditional checks**.

You will **definitely use templating engines** in some form, if you work with **data** and **visualization**.

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Templating Engines

Concepts, Templates, Data, Rendering, Libraries, Live Demo



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- **Templating engines** render data as HTML through a **template**

template

```
<h1>Students ({{students.length}})</h1>
```

HTML

Search...

```
</ul>
```



```
<li>Steve (graduated 2020)</li>
<li>Teddy (graduated 2020)</li>
</ul>
```

Recent Posts

data

```
{
  "students": [
    { "name": "Marry", "year": 2019 },
    { "name": "Steve", "year": 2020 },
    ...
  ]
}
```

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