Introduction to Java Server Pages (JSP)

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Why use JSP?

Creating dynamic websites – let users not only fetch resources, but also interact with them.

There are many possibilities.

- Article comments sections
- Web browser-based chat applications
- Forums
- E-commerce
- Surveys

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Instead, we'll use *Tomcat*, a widely spread, free web server with JSP support.

A basic JSP file

Write normal HTML, but inject Java code whenever suitable. Save with the `.jsp` extension in the file name, instead of `.html`.

```
1  <%@page pageEncoding="UTF-8" contentType="text/html;
      charset=UTF-8" %>
2  <%@ page import="java.time.LocalDate" %>
3
4  [...]
5      <body>
6          <h1>Today's date</h1>
7          <p>
8              Today's date is:
9              <%
10             LocalDate today = LocalDate.now();
11             out.write(today.toString());
12             %>
13         </p>
14     </body>
15 </html>
```