

# JAVA – Dia 04



# Objetivos

- Servidores
- Servlet e JSP
- Tecnologias WEB
- Spring MVC
- Maven
- Spring Boot
- Thymeleaf vs JSP

# Servidores

Tomcat, Jetty e Undertow

GlassFish (Oracle), Weblogic (Oracle), WildFly (RedHat JBoss), WebSphere (IBM) e Apache Geronimo (Apache)

# Servlet e JSP

```
public class MinhaServlet extends HttpServlet
```

```
<%@ page language="java" contentType="text/html; charset=UTF-8"  
    pageEncoding="UTF-8"%>  
  
<html>  
  
    <head>  
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">  
    </head>  
  
    <body>  
  
        <h1>${mensagem}</h1>  
  
    </body>  
</html>
```

# Tecnologias (Frameworks) WEB

## **Component-based**

JSF (Java EE)

GWT

## **Action-based**

Spring

Struts

Wraptor

E o escolhido é:



*<http://projects.spring.io>*

*<https://github.com/spring-projects>*



## MAIN

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## Welcome to Apache Maven

Apache Maven is a software project management and comprehension tool. Based on the concept of a project object model (POM), Maven can manage a project's build, reporting and documentation from a central piece of information.

If you think that Maven could help your project, you can find out more information about in the "About Maven" section of the navigation. This includes an in-depth description of [what Maven is](#), a [list of some of its main features](#), and a set of [frequently asked questions about what Maven is](#).

This site is separated into the following sections, depending on how you'd like to use Maven:

Use	<a href="#">Download, Install, Run Maven</a>	<a href="#">Configure, Use Maven and Maven Plugins</a>
	Information for those needing to build a project that uses Maven	Information for those wanting to use Maven to build their project, including a "10 minute test" that gives a practical overview of Maven's main features in just 10 minutes and <a href="#">plugin list</a> for more information on each plugin
Extend	<a href="#">Write Maven Plugins</a>	<a href="#">Improve the Maven Repository</a>
	Information for those who may or may not be using Maven, but want to provide a plugin for shared functionality or to accompany their own product or toolset	Information for those who may or may not use, but are interested in getting project metadata into the repository
Contribute	<a href="#">Help Maven</a>	<a href="#">Develop Maven</a>