



# Java EE - Servlet

# Introduction

- What is a Servlet?
- What does a Servlet do?
- Why do we need Servlets?

# Hello Servlet

@WebServlet

- servletName
- urlPatterns
- loadOnStartup

# Under the Hood

- How Servlets work?
- What is Tomcat actually?

# Mapping Specification

- Path Mapping | Exact Mapping
- Wildcard Mapping - \*
- Extension Mapping - \*.ext
- Empty String Mapping - ""
- Default Mapping - /

# Get Information Regarding the Path

- `request.getContextPath()`
- `request.getServletPath()`
- `request.getQueryString()`
- `request.getPathInfo()`
- `request.getRequestURI()`
- `request.getRequestURL()`
- `request.getPathTranslated()`

# WAR File Architecture

WEB-INF/web.xml

# Dealing with Various MIME Types

## Request

- application/x-www-form-urlencoded
- application/json
- multipart/form-data (File Uploading)

## Response

- text/plain
- text/html
- application/json
- application/xml