

## Exercício usando Deployment Descriptor (web.xml)

- 1) Create a Maven Web project in Netbeans called **MyFirstServlet**.
- 2) Inside the project, in the package control, create a Servlet called **MyFirstServlet**. Do not forget to check the option for NetBeans to enter the information at the deployment descriptor (web.xml) and choose as servlet URL **/test**.
- 3) Replace the code inside the **processRequest** method of the servlet created by the following:

```
response.setContentType("text/html");
try (PrintWriter out = response.getWriter()) {
    out.printf("<!DOCTYPE html>\n"
        + "<html lang=\"pt-br\">\n"
        + "    <head>\n"
        + "        <title>My First Servlet</title>\n"
        + "        <meta http-equiv=\"Content-Type\" content=\"text/html; charset=UTF-8\">\n"
        + "    </head>\n"
        + "    <body>\n");
    out.printf("        <p>Hello! Date and time:: %s</p>\n", new Date());
    out.printf("    </body>\n"
        + "</html>");
}
```

- 4) Replace the HTML page *index.html* by the following:

```
<!DOCTYPE html>
<html lang="pt-br">
    <head>
        <title>My First Servlet</title>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    </head>
    <body>
        <form action="/PATH/URL" method="get">
            <input type="submit" value="Call Servlet">
        </form>
    </body>
</html>
```

- 5) Swap **PATH** by the context path of your application (if you followed the practice it should be **MyFirstServlet**) and change **URL** by the URL pattern of your Servlet (if you followed the practice should be **/test**)
- 6) Test the project. Refresh the servlet page and see what happens. The time will be updated.