

## Servlet 接收 Form 資料

1. C:\apache-tomcat-7.0.42\webapps\ROOT 加入 ServletForm.html

```
<!DOCTYPE html>
<html>
  <head>
    <title></title>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  </head>
  <body>
    <form action="/GetDataServlet" method="post">
      <input type="text" name="user" value="張小明"/>
      <input type="text" name="pass" value="pass"/>
      <input type="submit"/>
    </form>
  </body>
</html>
```

2. C:\apache-tomcat-7.0.42\webapps\ROOT\WEB-INF\classes 加入 GetDataServlet.java  
並編譯

```
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet(urlPatterns = {"/GetDataServlet"})
public class GetDataServlet extends HttpServlet {

    protected void processRequest(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        request.setCharacterEncoding("UTF-8");
        PrintWriter out = response.getWriter();
        try {
```

```

        /* TODO output your page here. You may use following sample code. */
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<title>Servlet GetDataServlet</title>");
        out.println("</head>");
        out.println("<body>");
        out.println("<h1><font color='blue'>" + request.getParameter("user") +
"</font></h1>");
        out.println("<h1><font color='red'>" + request.getParameter("pass") +
"</font></h1>");
        out.println("</body>");
        out.println("</html>");
    } finally {
        out.close();
    }
}

@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

@Override
public String getServletInfo() {
    return "Short description";
}
}

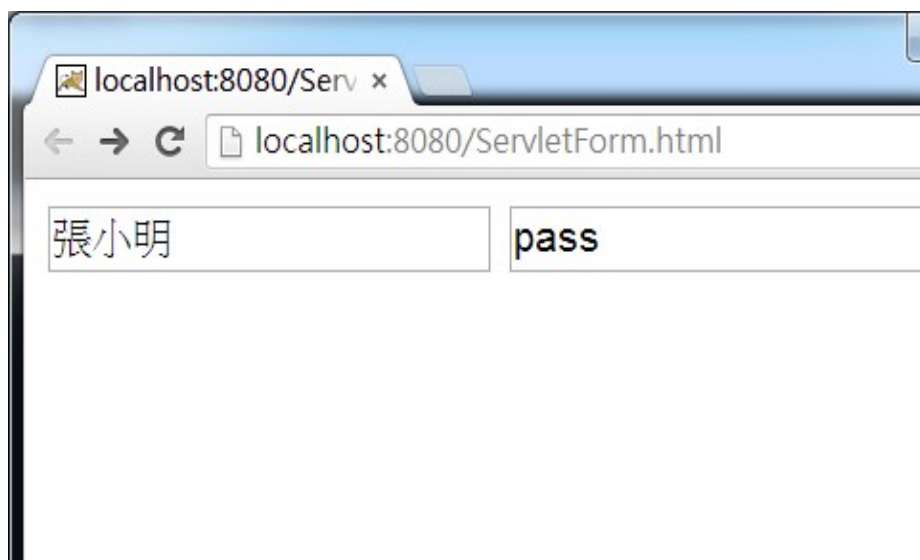
```

```
C:\Windows\system32\cmd.exe
C:\apache-tomcat-7.0.42\webapps\ROOT\WEB-INF\classes>set classpath
classpath=.;C:\apache-tomcat-7.0.42\lib\servlet-api.jar;C:\apache-tomcat-7.0.42\lib\
C:\apache-tomcat-7.0.42\webapps\ROOT\WEB-INF\classes>javac GetDataServlet.java
C:\apache-tomcat-7.0.42\webapps\ROOT\WEB-INF\classes>
```

3. 編輯 C:\apache-tomcat-7.0.42\webapps\ROOT\WEB-INF\web.xml

```
<servlet>
    <servlet-name>GetServ</servlet-name>
    <servlet-class>GetDataServlet</servlet-class>
</servlet>

<servlet-mapping>
    <servlet-name>GetServ</servlet-name>
    <url-pattern>/GetDataServlet</url-pattern>
</servlet-mapping>
```



4. C:\apache-tomcat-7.0.42\webapps\ROOT 加入 GetELData.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>JSP Page</title>
```

```
    <% request.setCharacterEncoding("UTF-8");%>
```

```
  </head>
```

```
  <body>
```

```
    <h1>Hello World!</h1>
```

```
    User: ${param.user}<br/>
```

```
    Pass: ${param.pass}
```

```
  </body>
```

```
</html>
```