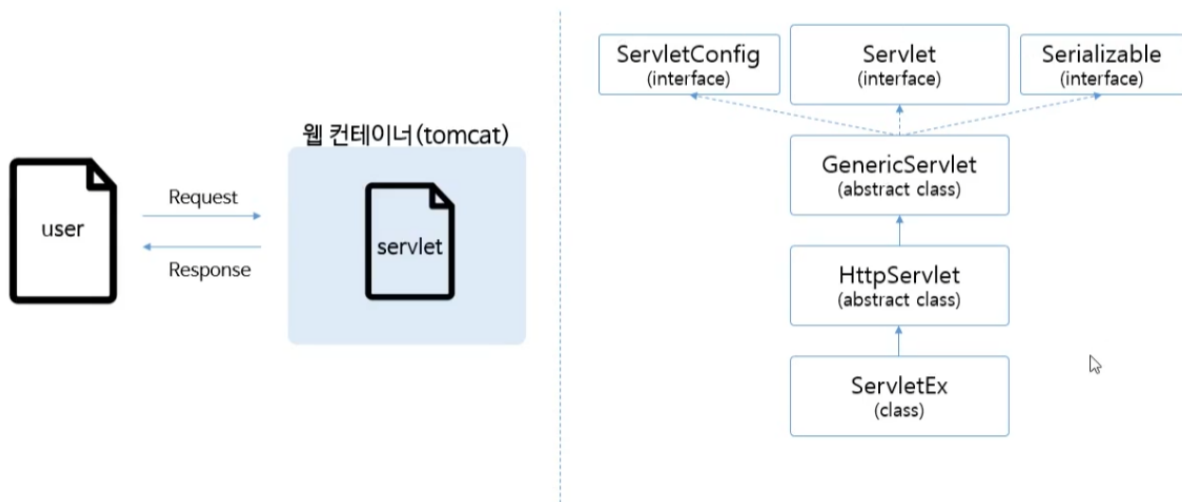


Servlet request, response

사용자에 요청과 응답을 담당하는 객체

- HttpServlet
- HttpServletRequest
- HttpServletResponse



```
@WebServlet("/ms1")
public class MServlet1 extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // HttpServletRequest - 주요 메서드
        request.getCookies();
        request.getSession();
        request.getAttribute("name");
        request.setAttribute(null, null);
        request.getParameter("name");
        request.getParameterNames();
        request.getParameterValues("value");

        // HttpServletResponse - 주요 메서드
        response.addCookie(null);
        response.getStatus();
        // 새로운 request, response 가 생성이 된다.
        response.sendRedirect(getServletInfo());
        response.getWriter();
        response.getOutputStream();
    }
}
```

```

    }

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

```

```

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
    <section>
        <a href="/setvlet/ms2"> get 방식으로 접근해보기</a>
        <br>
        <a href="/setvlet/ms2?name=홍길동&age=10"> get 방식 요청 + 쿼리스트링 방식으로 값 보내기 </a>
    </section>
</body>
</html>

```

```

@WebServlet("/ms2")
public class MServlet2 extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        //response.getWriter().append("Served at: ").append(request.getContextPath());
        System.out.println("-----");
        String contentType = request.getContentType();
        HttpSession getSession = request.getSession();
        System.out.println("cententType : " + contentType);
        System.out.println("getSession : " + getSession.getId());
        System.out.println("-----");
        String name = request.getParameter("name");
        String age = request.getParameter("age");
        System.out.println("name : " + name);
        System.out.println("age : " + age);

        // 응답 처리
        PrintWriter out = response.getWriter();
        out.write(" name : " + name);
        out.write(" age : " + age);
    }

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

```

```

package com.boot.form;

import java.io.IOException;
import java.util.Enumeration;

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("/boot1")
public class MServlet1 extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        request.setCharacterEncoding("UTF-8");
        System.out.println("--- do Get ---");
        String email = request.getParameter("email");
        String pwd = request.getParameter("pwd");
        System.out.println("email : " + email);
        System.out.println("pwd : " + pwd);
        String[] like = request.getParameterValues("like");
        for (int i = 0; i < like.length; i++) {
            System.out.println(like[i] + " <--- 너가 좋아함");
        }
        Enumeration<String> name = request.getParameterNames();
        while(name.hasMoreElements()) {
            String data = name.nextElement();
            System.out.println(" key 값 확인 : " + data);
        }
    }

    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        System.out.println("--- do Post ---");
        doGet(request, response);
    }
}

```