Reading HTML Form Data with Servlets

HTTP Request / Response

student-form.html

First name: [   ]

Last name: [   ]

[Submit]

request →

← response

StudentServlet.java

Servlet

Step 1: Building HTML Form

```html
<form action="StudentServlet" method="GET">

    First name: <input type="text" name="firstName" />

    Last name: <input type="text" name="lastName" />

    <input type="submit" value="Submit" />

</form>
```
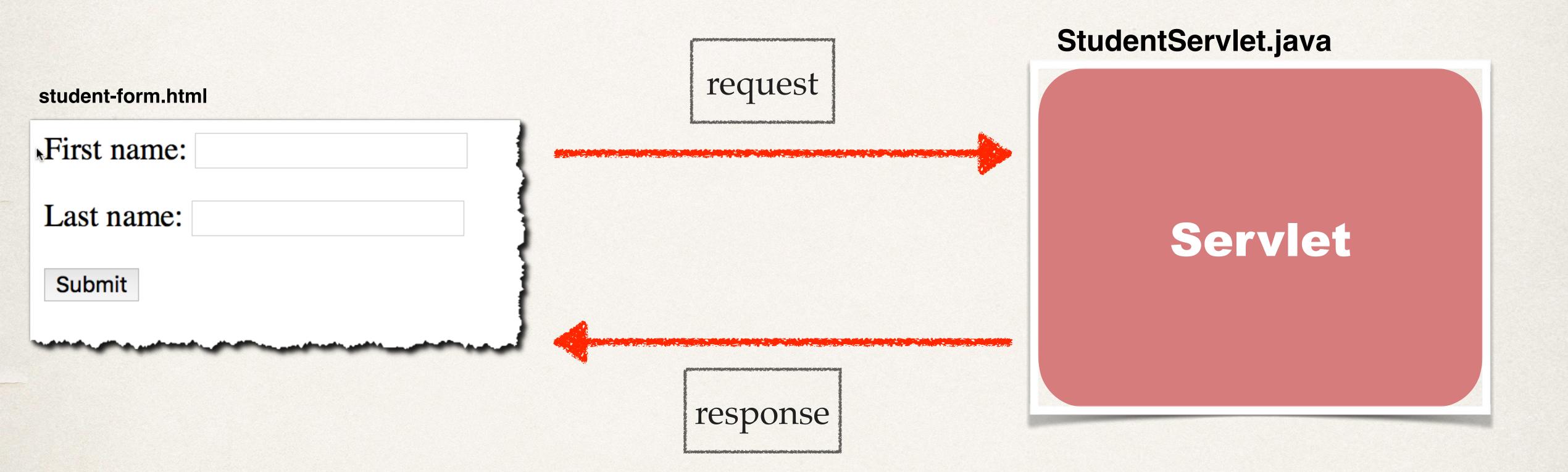
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Form GET method calls Servlet doGet() method

```
<form action="StudentServlet" method="GET">
  ...
</form>
```

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
                    throws ServletException, IOException {

    ...
}
```

Step 2: Reading Form Data with Servlet

First name: `<input type="text" name="firstName" />`

Last name: `<input type="text" name="lastName" />`

```java
protected void doGet(HttpServletRequest request, HttpServletResponse response)
                throws ServletException, IOException {

    …
    out.println("The student is confirmed: " + request.getParameter("firstName")
        + " " + request.getParameter("lastName"));

}
```

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