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Java Servlets

- Learn Web Applications with Java

Java Servlets – SendRedirect – RequestDispatcher

Presented by

Inter Servlet Communication

- Navigating from one servlet to another / another response
- Used through [sendRedirect\(\)](#) method and [RequestDispatcher](#) object
- **sendRedirect()** example :

```
response.sendRedirect("http://localhost:8087/Servlets-2-SendRedirect-App/ServletTwo");
```

The diagram illustrates the components of the URL used in the `sendRedirect()` call. The URL is `http://localhost:8087/Servlets-2-SendRedirect-App/ServletTwo`. The part `Servlets-2-SendRedirect-App` is identified as the Project Name, and `ServletTwo` is identified as the Servlet URL Pattern.



RequestDispatcher methods

Request Dispatcher allows a servlet to communicate with another servlet / response page

It has [forward\(\)](#) and [include\(\)](#) methods

- a. **forward()** – forwards to a response
can not return to the request point
- b. **include()** – includes / inserts a response
continues after including the response

****Example**



forward() & include() methods

Examples :

```
RequestDispatcher rd = getServletContext().getRequestDispatcher("index.jsp");  
rd.forward(request, response); // launches index.jsp and ends up
```

```
RequestDispatcher rd = getServletContext().getRequestDispatcher("index.jsp");  
rd.include(request, response);  
out.println("Returned !!");
```

Launches index.jsp

Shows **Returned !!** below the index.jsp content



