

# Understanding Asynchronous Servlet Processing



**Sekhar Srinivasan**

@sekharonline4u - [www.sekhartheguru.net](http://www.sekhartheguru.net)

## Module Overview



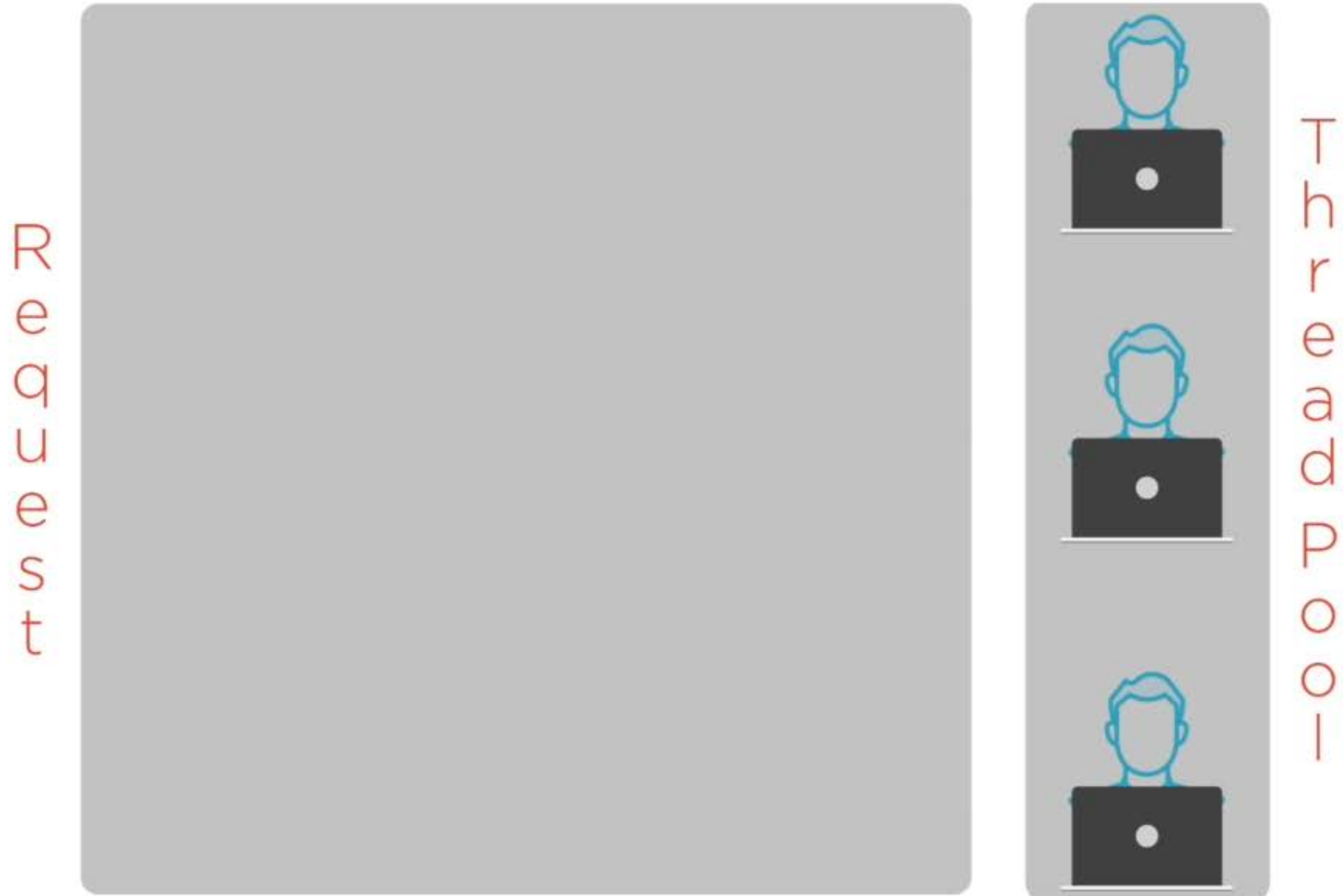
Limitations of Traditional Servlet Processing

Asynchronous Servlet Processing

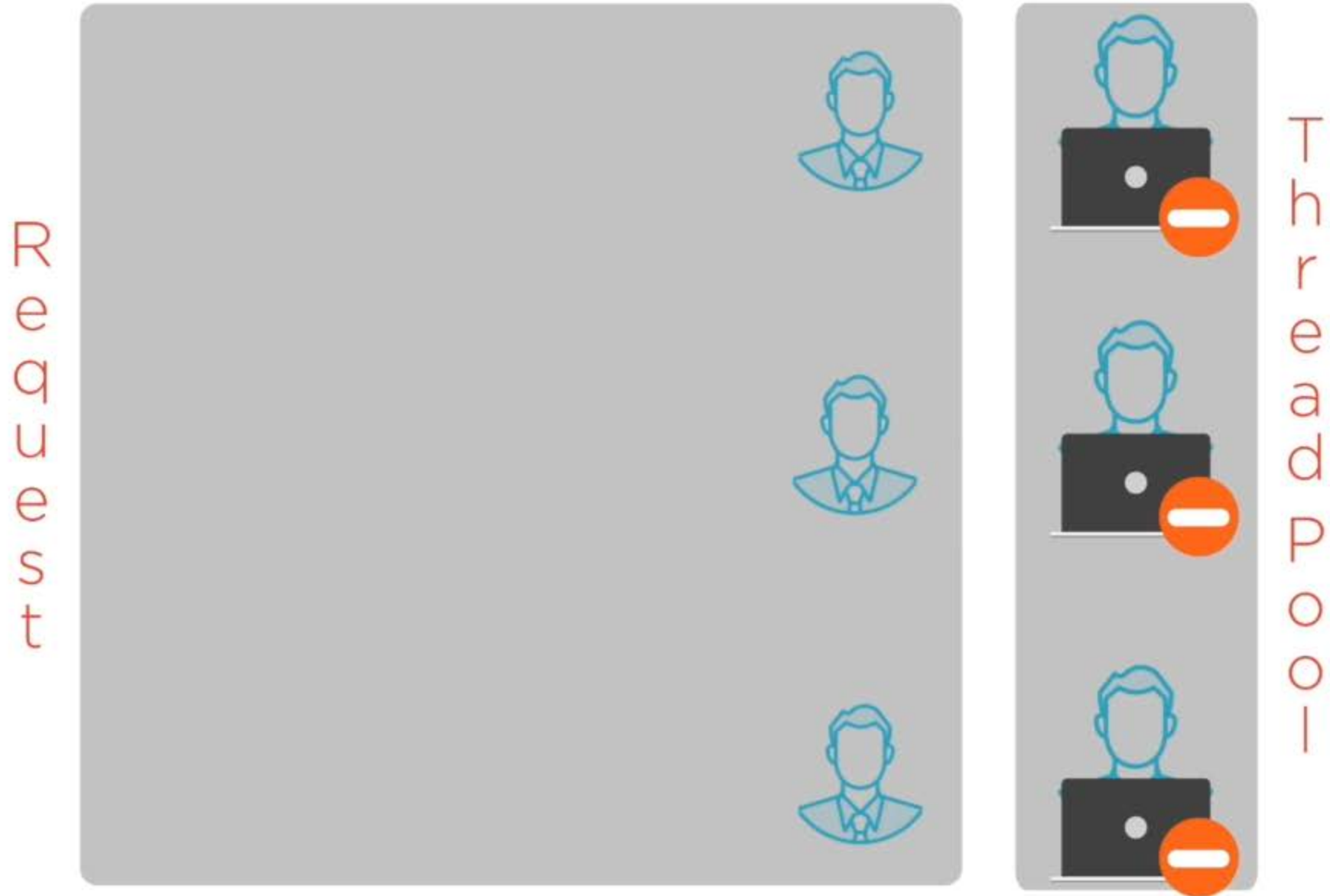
# Asynchronous Servlet Processing

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# Traditional Servlet Processing



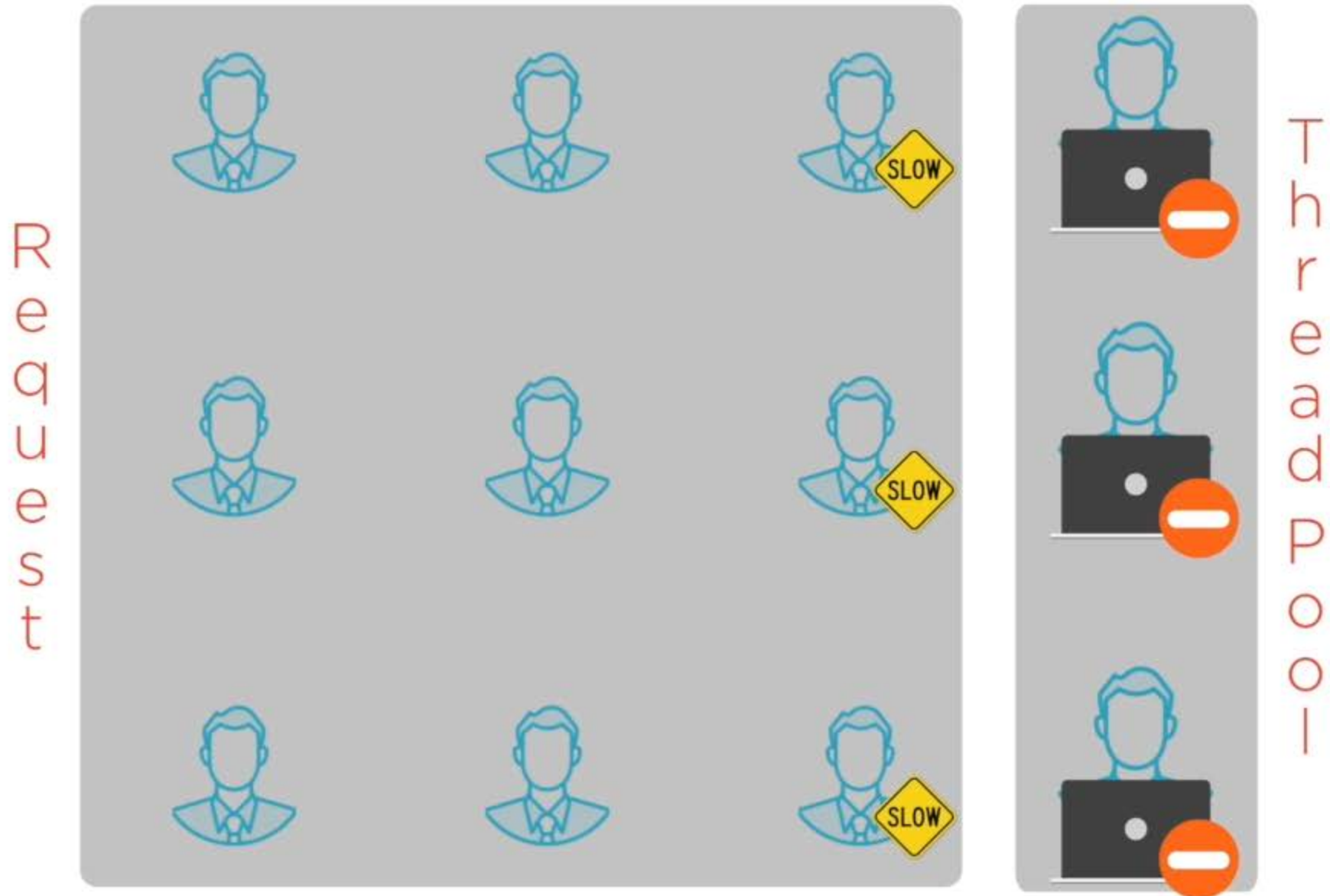
# Traditional Servlet Processing



# Traditional Servlet Processing

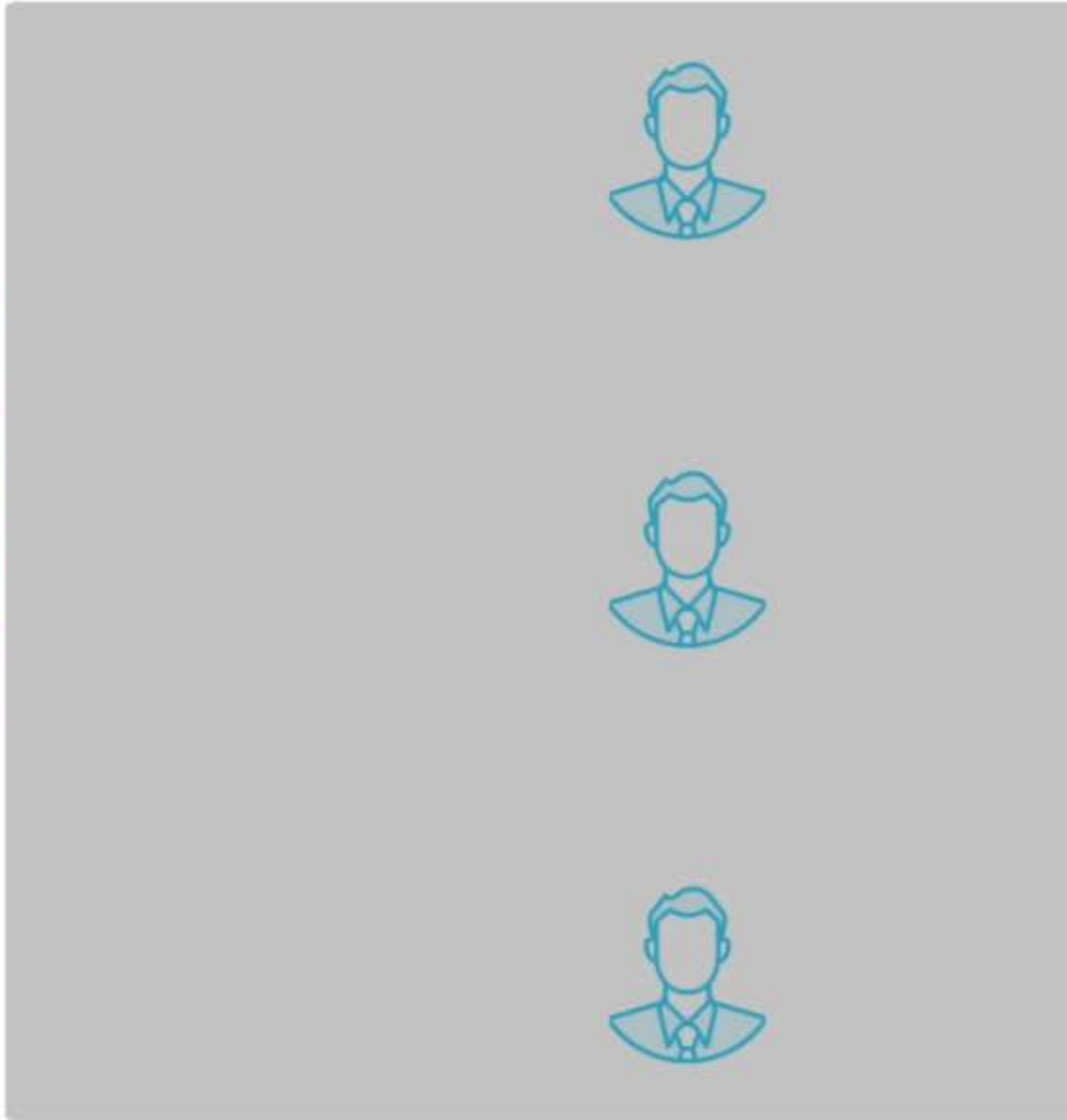


# Traditional Servlet Processing



# Asynchronous Servlet Processing

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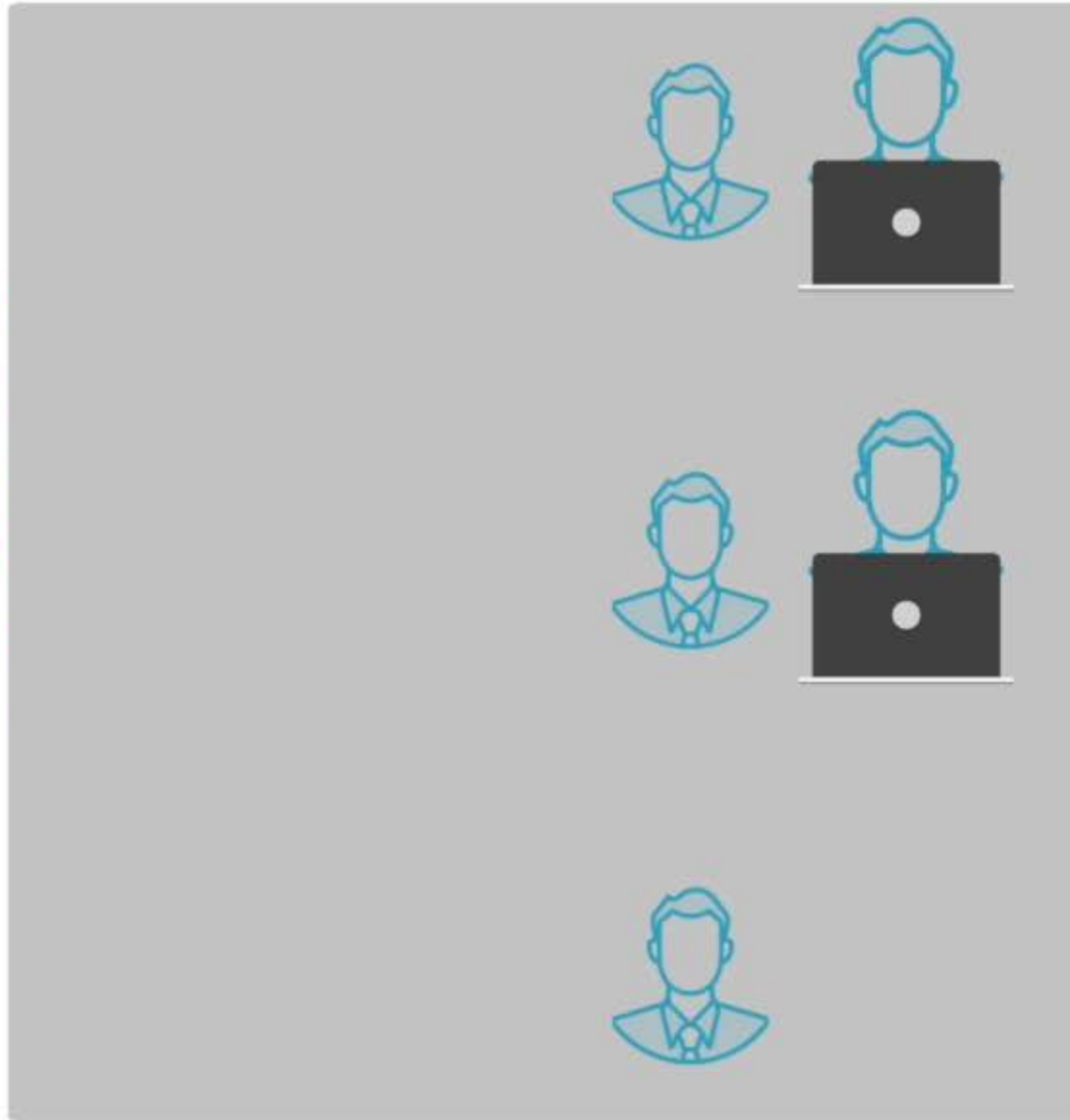


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# Asynchronous Servlet Processing

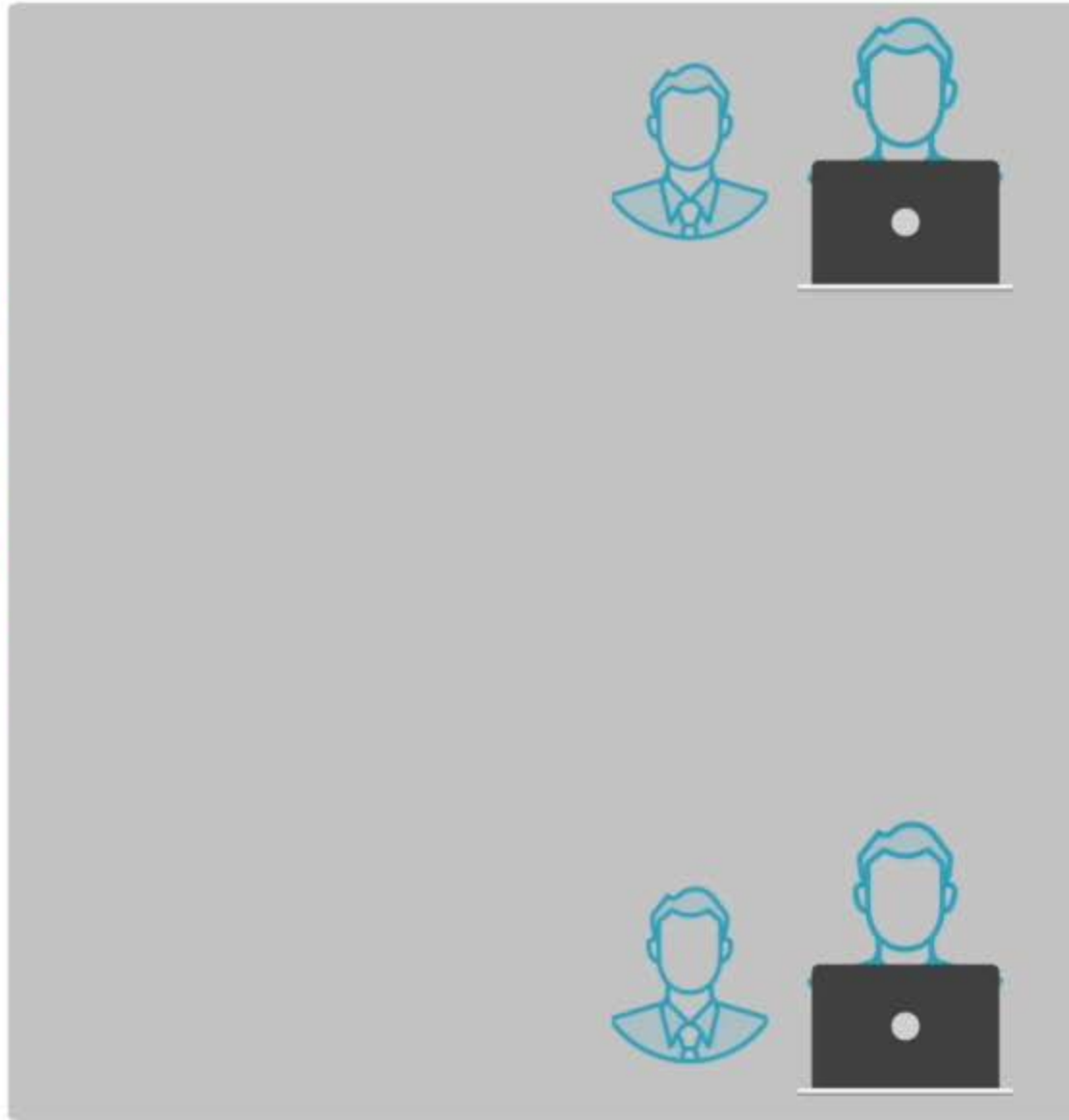
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```
@WebServlet(urlPatterns={"/asyncservlet"}, asyncSupported=true)

public class AsyncServlet extends HttpServlet{

    public void doGet(HttpServletRequest req,
        HttpServletResponse resp){
        .....

        AsyncContext acontext = req.startAsync();
        .....
    }
}
```

To Enable Asynchronous Servlet Processing

## Async Context Methods

`void start(Runnable run)`

`ServletRequest getRequest()`

`ServletReponse getResponse()`

`void complete()`

`void dispatch(String path)`

Demo



## Asynchronous Servlet Processing



## Summary



Limitations of Traditional Servlet Processing

Asynchronous Servlet Processing