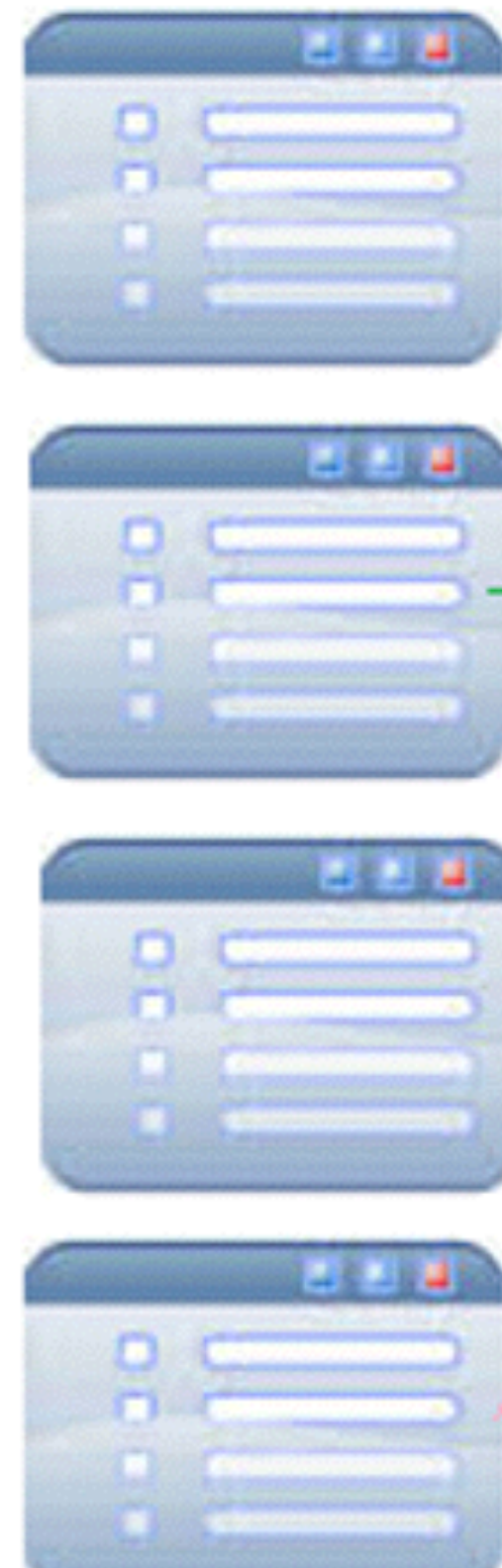


Web Application



A Single processes all the requests



Whenever an I/O call is made and particular request must wait, the thread moves on to continue processing another request. Processing only stops when every request is waiting for I/O.

RUTGERS | CODING BOOTCAMP

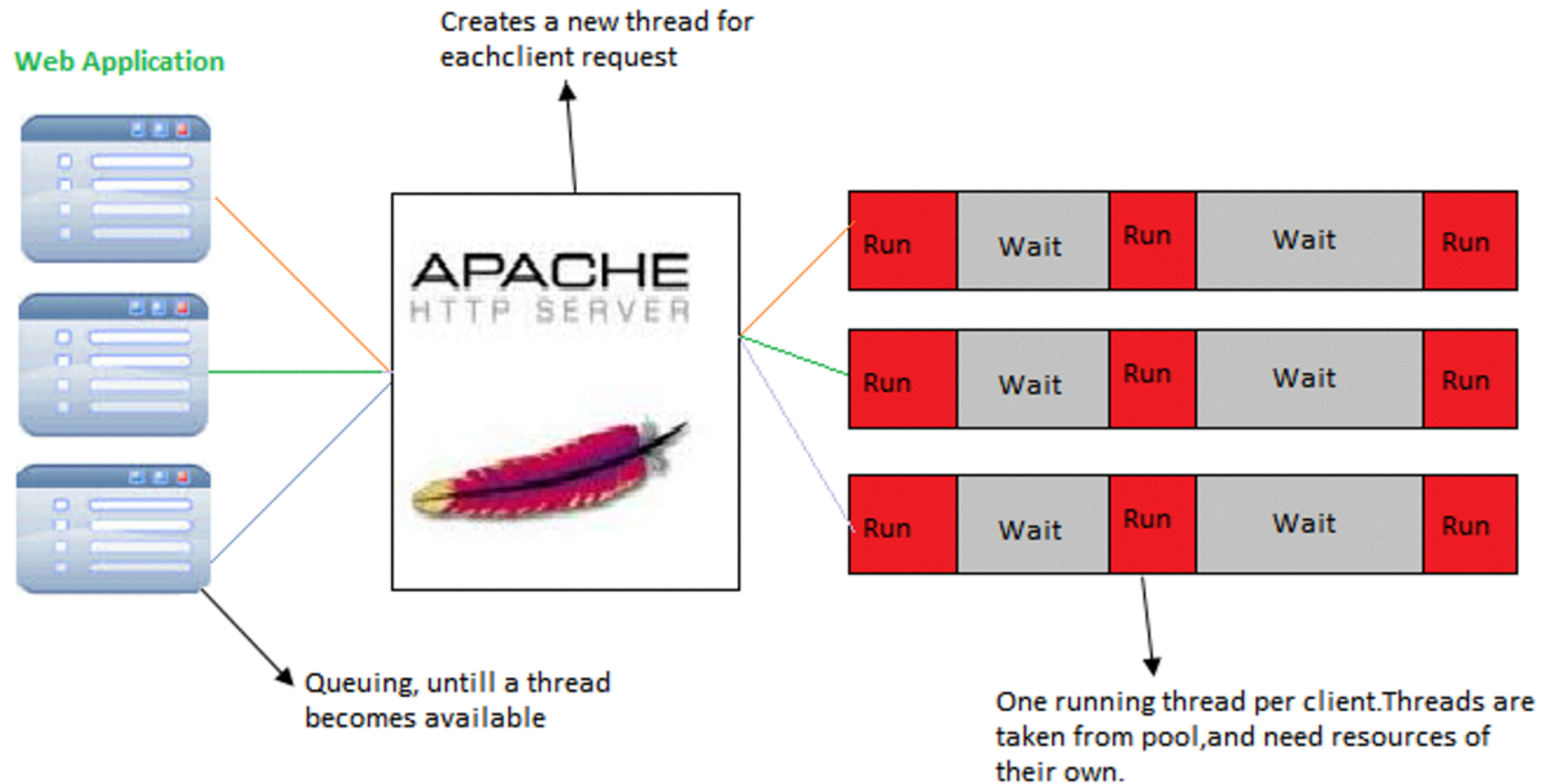
Session 13.1 - Using node.js to serve web pages

Using node.js to serve web pages

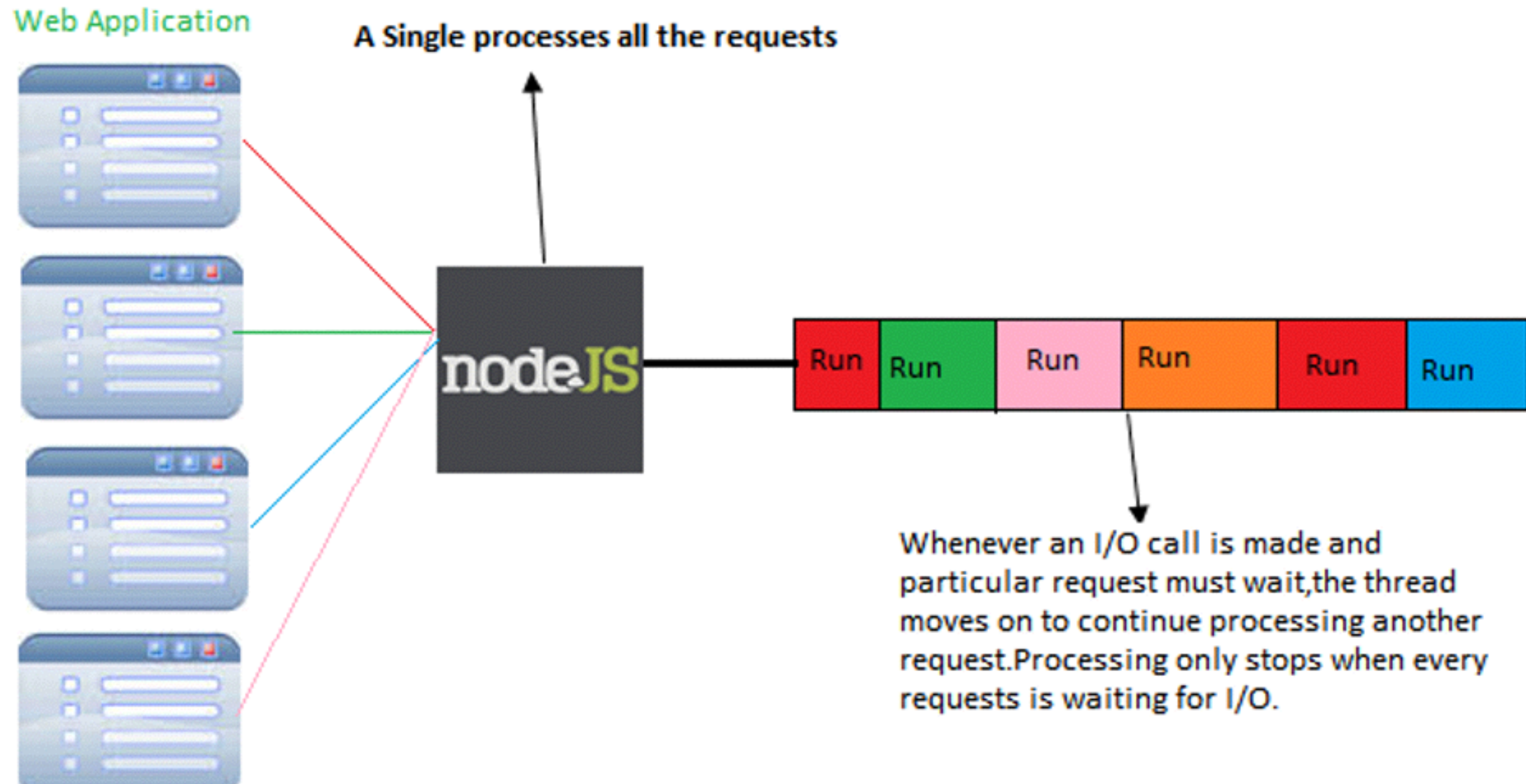
Objectives

- What is a Web server?
- What is a node.js Web server?
- How to create and serve pages from a Web server

Web Servers

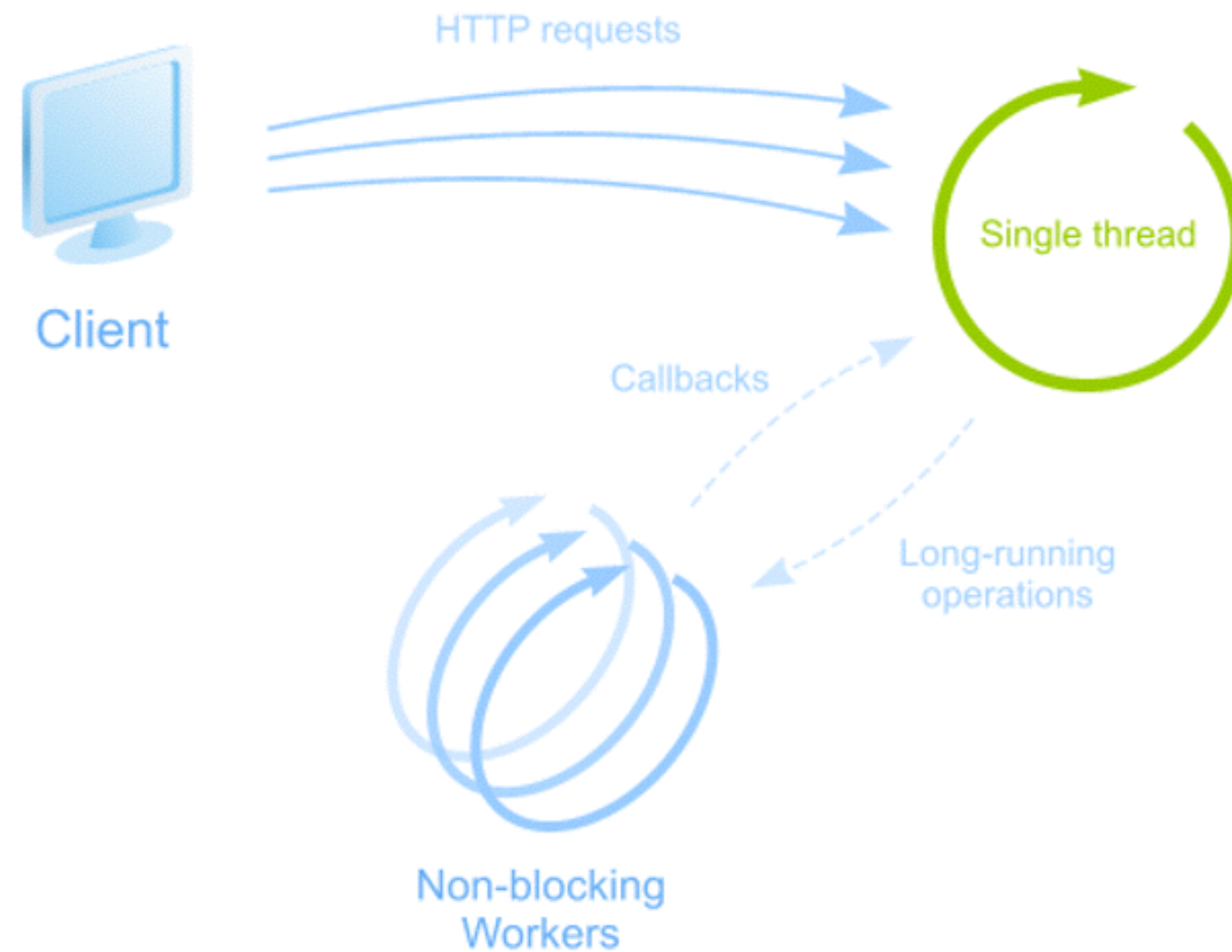


Web Servers



Web Servers

Node.js Processing Model



Create a Web Server

```
//Lets require/import the HTTP module
var http = require('http');

//Lets define a port we want to listen to
var PORT=8080;

//We need a function which handles requests and send response
function handleRequest(request, response){
    response.end('It Works!! Path Hit: ' + request.url);
}

//Create a server
var server = http.createServer(handleRequest);

//Lets start our server
server.listen(PORT, function(){
    //Callback triggered when server is successfully listening. Hurray!
    console.log("Server listening on: http://localhost:%s", PORT);
});
```


Podcast of the Week



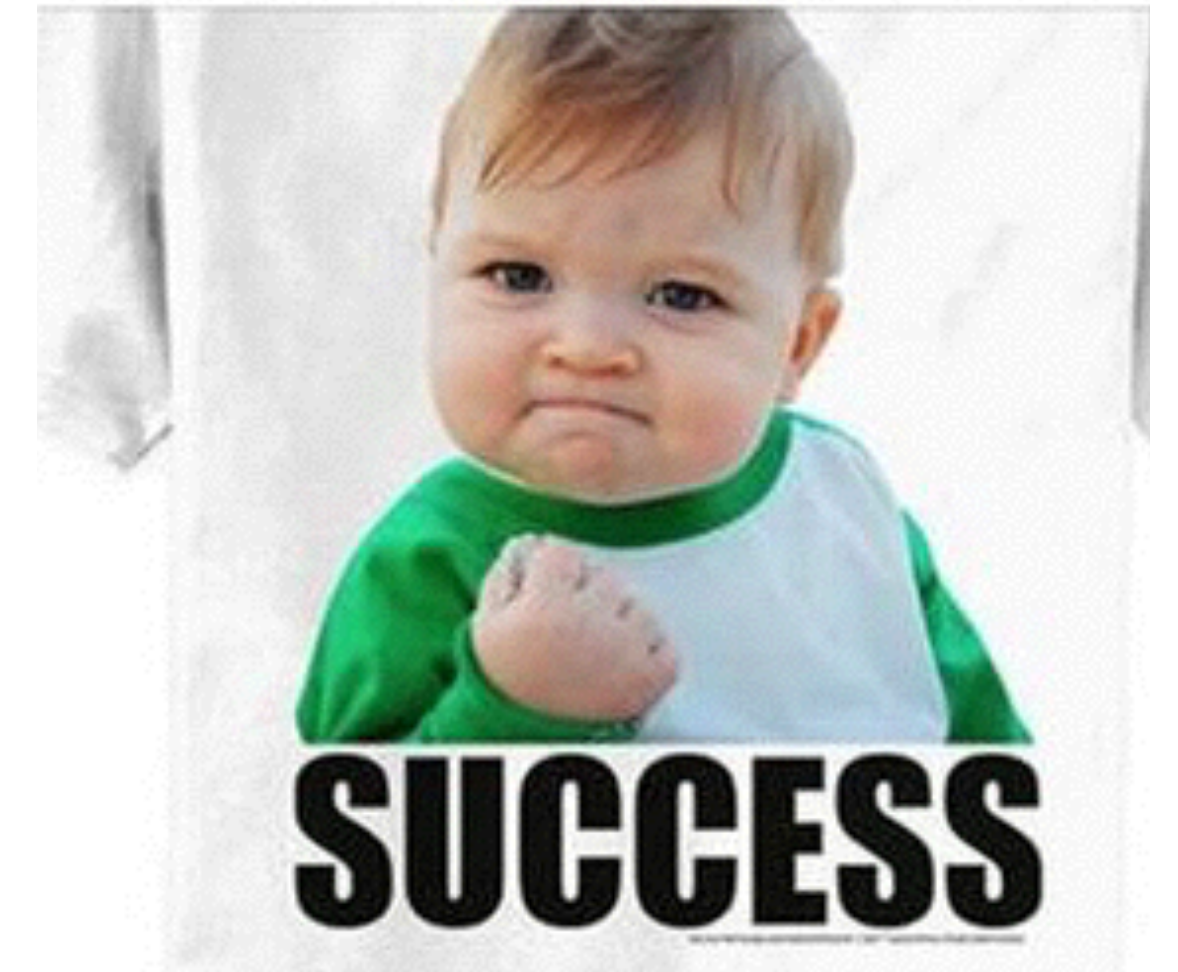
Shop Talk Show

An internet radio show about the internet starring Dave Rupert and Chris Coyier.

<http://shoptalkshow.com/>

Coding Tips

- Create a Real Programming Environment
- Make Programs From Scratch
- Start Small
- Write Lots of Code
- Ask for Help
- Ask for Help the Right Way



http://www.programmingforbeginnersbook.com/blog/when_you_know_the_basics_but_you_still_cant_code/