



WEB WORKER

STAGE1

```
Main.js
```

```
var express = require('express');
var app = express();
app.use(express.static("public"));
app.listen(8081, function () {
   console.log('ExpressJS is running on port 8081');
});
```

Worker.js

```
function Loop(e){
  const msg = e.data[0];
  const times = e.data[1];
  for(var i = 0; i < times; i++){
    console.log("Message is : " + msg);
  }
  postMessage("Done");
}
onmessage = Loop;
</pre>
```



<script>

```
Index.html

<h1>Welcome to Web Workers</h1>
```

STAGE2

var thread = new Worker('worker.is'):

```
var express = require('express');
var app = express();
app.use(express.static("public"));
app.listen(8081, function () {
   console.log('ExpressJS is running on port 8081');
});
```

Worker.js

```
function Loop(e){
  const msg = e.data[0];
  const times = e.data[1];
  for(var i = 0; i < times; i++){
    console.log("Message is : " + msg);
  }
  postMessage("Don@;
}</pre>
```



onmessage = Loop;



```
Index.html
<h1>Welcome to Web Workers</h1>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.mi
</script>
<label>Message : </label>
<input type="text" id="msg"/>
<hr>
<br>
<label>Times : </label>
<input type="number" id="times"/>
<br>
<br>
<button onclick="execute()">Submit</button>
<script>
var thread = new Worker('worker.js');
thread.postMessage(["Testing",1]);
thread.postMessage(["Hello",2]);
```

STAGE3

```
var express = require('express');
var app = express();

app use(express static("public"));
```



```
app.use(express.statio( public )),
app.listen(8081, function () {
  console.log('ExpressJS is running on port 8081');
});
```



```
Worker.js
```

```
function Loop(e){
  const msg = e.data[0];
  const times = e.data[1];
  var output = "";
  for(var i = 0; i < times; i++){
    output += "<h3>" + msg + "</h3>"
  }
  postMessage(output);
}
onmessage = Loop;
```

Index.html

<label>Times : </label>



STAGE4

```
Main.js
var express = require('express');
var app = express();
app.use(express.static("public"));
app.listen(8081, function () {
  console.log('ExpressJS is running on port 8081');
});
                          Worker.js
function Decide(e){
 exec = e.data;
 switch (exec) {
  case "f1": f1();
                     (i)
         break:
```



```
case "f2": f2();
    break;
default: console.log("No Such Command")
}
postMessage("Done");
}
function f1(){
  console.log("Hello World this is F1")
}
function f2(){
  console.log("Hello World this is F2")
}
onmessage = Decide;
```

Index.html <h1>Welcome to Web Workers</h1> <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.mi </script> <script> var thread = new Worker('worker.is'):

- 1. A Webworker `t` can be terminated using `t.terminate()` call.
- 2. You can import other scripts in WebWorker script using importScripts() call.

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Note

