

```
1  #!/usr/bin/nodejs
2
3  // ----- load packages ----- //
4  // INITIALIZATION STUFF
5
6  var express = require('express')
7  var app = express();
8  var hbs = require('hbs');
9
10 // ----- express initialization ----- //
11 // PORT SETUP - NUMBER SPECIFIC TO THIS SYSTEM
12
13 app.set('port', process.env.PORT || 8080 );
14 app.set('view engine', 'hbs')
15 app.use(express.static('static'));
16
17 // ----- express 'get' handlers ----- //
18 // These 'getters' are what fetch your pages
19
20 app.get('/', function(req, res){
21
22     /// ...
23     res.render( 'index' );
24 });
25
26 function somethingThatTakesTime(req,res,next) {
27     setTimeout( function() {
28         next();
29     }, 4000)
30 }
31
32 app.get('/mid', somethingThatTakesTime, function(req,res){
33     res.render('example', { 'u_name' : 'Paul' });
34 })
35
36 // ----- listener ----- //
37 // // The listener is what keeps node 'alive.'
38
39 var listener = app.listen(app.get('port'), function() {
40     console.log( 'Express server started on port: '+listener.address().port );
41 });
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24 });
25
26 function my_wait_fcn(req,res,next) {
27     var delay_ms = req.query.delay_ms;
28
29     setTimeout( function() {
30         next();
31     }, delay_ms)
32
33 }
34
35 app.get('/mid', my_wait_fcn, function(req,res){
36     res.render('example', { 'u_name' : 'Paul'});
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24 });
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26 function my_wait_fcn(req,res,next) {
27     console.log( 'A' )
28     var delay_ms = req.query.delay_ms;
29     setTimeout( function() {
30         console.log( 'B' )
31         next();
32     }, delay_ms)
33     console.log( 'C' )
34 }
35
36
37 app.get('/mid', my_wait_fcn, function(req,res){
38     console.log( 'D' )
39     res.render('example', { 'u_name' : 'Paul'});
40 })
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29     setTimeout( function() {
30         console.log( 'B' )
31         next();
32     }, delay_ms)
33     console.log( 'C' )
34 }
35
36
37 app.get('/mid', [my_wait_fcn,my_wait_fcn], function(req,res){
38     console.log( 'D' )
39     res.render('example', { 'u_name' : 'Paul'});
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19     /// ...
20     res.render( 'index' );
21 });
22
23 function my_wait_fcn(req,res,next) {
24     var delay_ms = req.query.delay_ms;
25
26     setTimeout( function() {
27         res.locals.my_string = 'Mr. '
28         next();
29     }, delay_ms)
30 }
31
32 function my_other_fcn(req,res,next) {
33     res.locals.my_string += 'Monster'
34     next()
35 }
36
37 app.get('/mid', [my_wait_fcn, my_other_fcn], function(req,res){
38
39     var my_string = res.locals.my_string;
40     res.render('example', { 'u_name' : my_string });
41 })
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