

ActivitiesVisual Studio Code

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app.js - Applications - Visual Studio Code

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EXPLORER

OPEN EDITORS

APPLICATIONS

- > 02. Global Object
- > 03. Modules
- > 04. Creating a Module
- > 05. Loading a Module
- > 06. Module Wrapper Function
- > 07. Path Module
- > 08. OS Module
- > 09. File System Module
- > 10. Events Module
- > 11. Event Arguments
- > 12. Extending Event Emitter
 - JS app.js
 - JS logger.js
- > 13. HTTP Module
- > 14. Node Core Recap

OUTLINE

JS app.jsJS logger.js

12. Extending Event Emitter > JS app.js > logger.on('messageLogged') callback

```
1  const EventEmitter = require('events');
2
3  const Logger = require('./logger');
4  const logger = new Logger();
5
6  // Register a listener
7  logger.on('messageLogged', (arg)=>{
8    console.log('Listener called',arg);
9  });
10
11 logger.log('message');
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

7: bash

dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/12. Extending Event Emitter\$ node app.js
message
Listener called { id: 1, url: 'http://' }
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/12. Extending Event Emitter\$

master*0 0 0javascript | app.js

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ActivitiesVisual Studio Code

Sun 17:18908B/s ↓ 228B/s ↑

logger.js - Applications - Visual Studio Code

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EXPLORER

JS app.jsJS logger.js

OPEN EDITORS

APPLICATIONS

> 02. Global Object

> 03. Modules

> 04. Creating a Module

> 05. Loading a Module

> 06. Module Wrapper Function

> 07. Path Module

> 08. OS Module

> 09. File System Module

> 10. Events Module

> 11. Event Arguments

> 12. Extending Event Emitter

JS app.js

JS logger.js

> 13. HTTP Module

> 14. Node Core Recap

OUTLINE

12. Extending Event Emitter > JS logger.js > ...

```
1  const EventEmitter = require('events');
2  var url = 'http://mylogger.io/log';
3  class Logger extends EventEmitter{
4      log(message){ //When we are declaring a function inside a class function keyword is not required
5          //and now that function is known as method of the class.
6          // Send an HTTP request
7          console.log(message);
8          // Raise an event
9          //emitter.emit('messageLogged', {id : 1, url : 'http://'});
10         this.emit('messageLogged', {id : 1, url : 'http://'});
11     }
12 }
13 module.exports = Logger;
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

7: bash

```
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/12. Extending Event Emitter$ node app.js
message
Listener called { id: 1, url: 'http://' }
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/12. Extending Event Emitter$
```

master*0 0 0✓ javascript | ✓ logger.js

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