Events Module

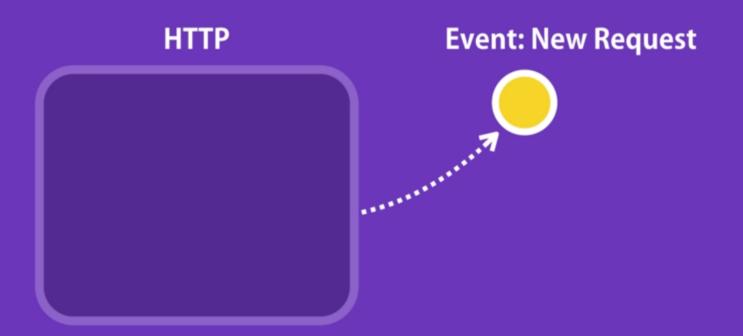


Mosh Hamedani programmingwithmosh.com

EVENT

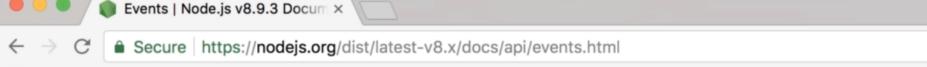
A signal that something has happened







• Inspector









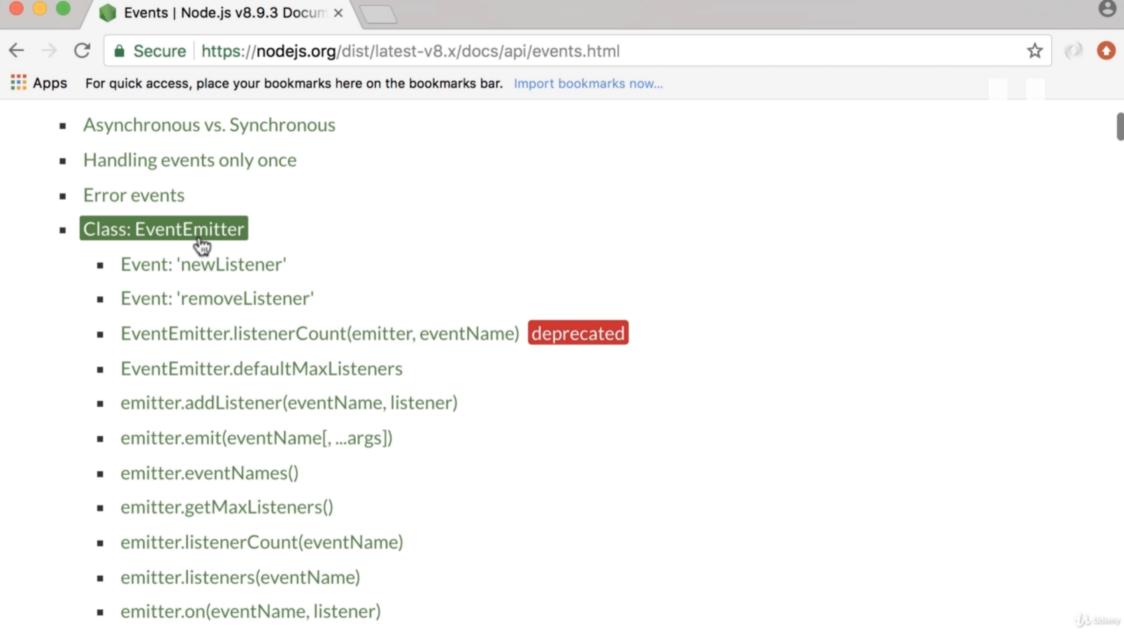


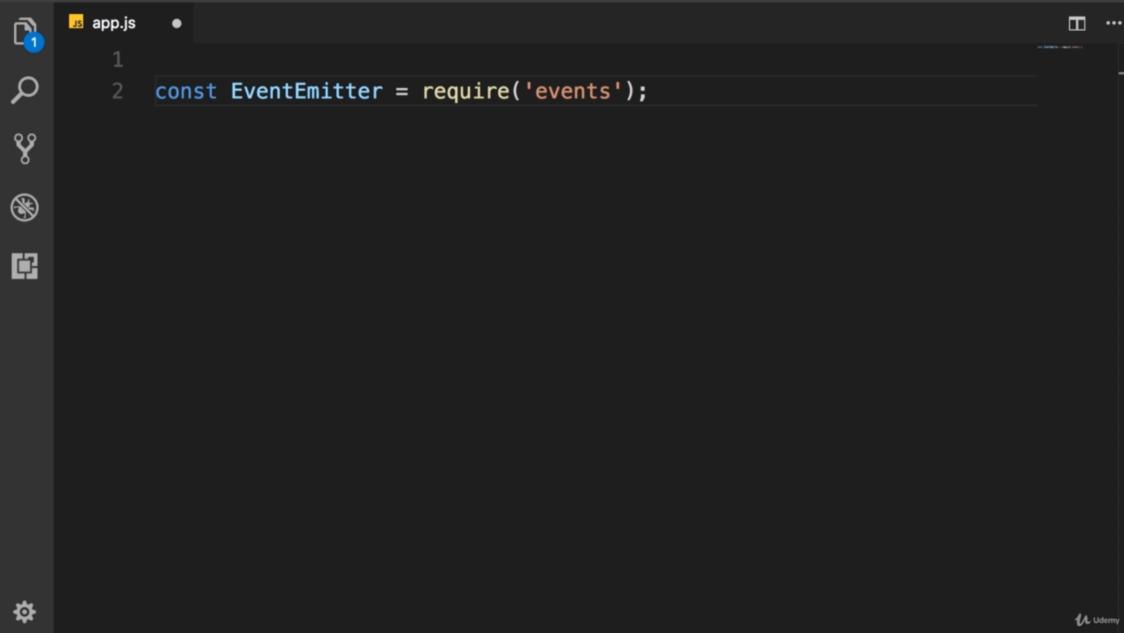
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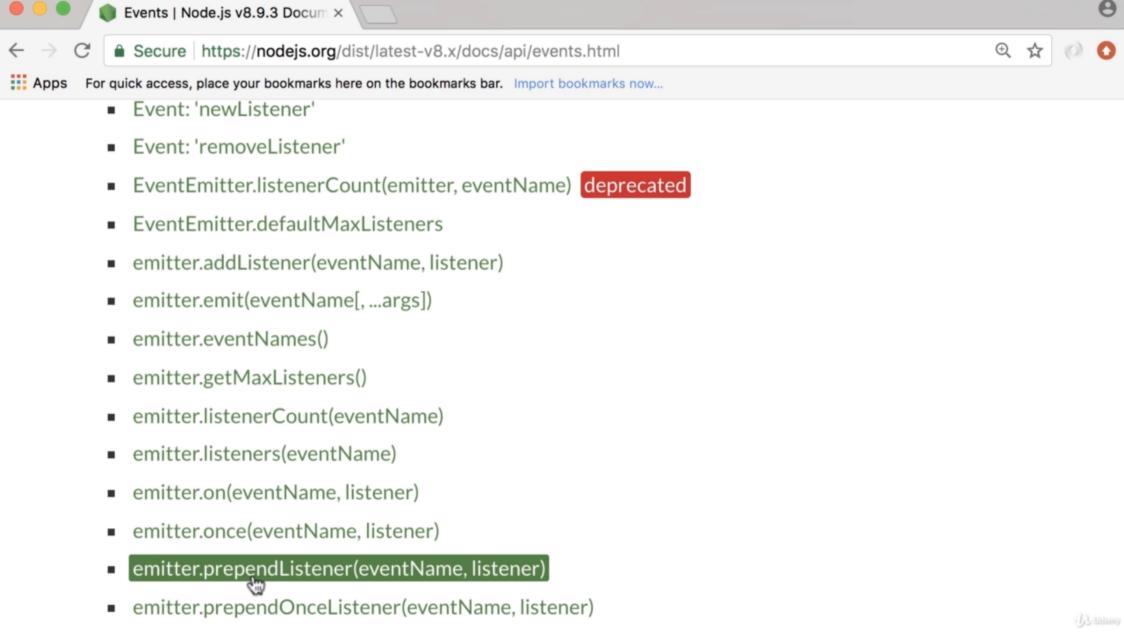
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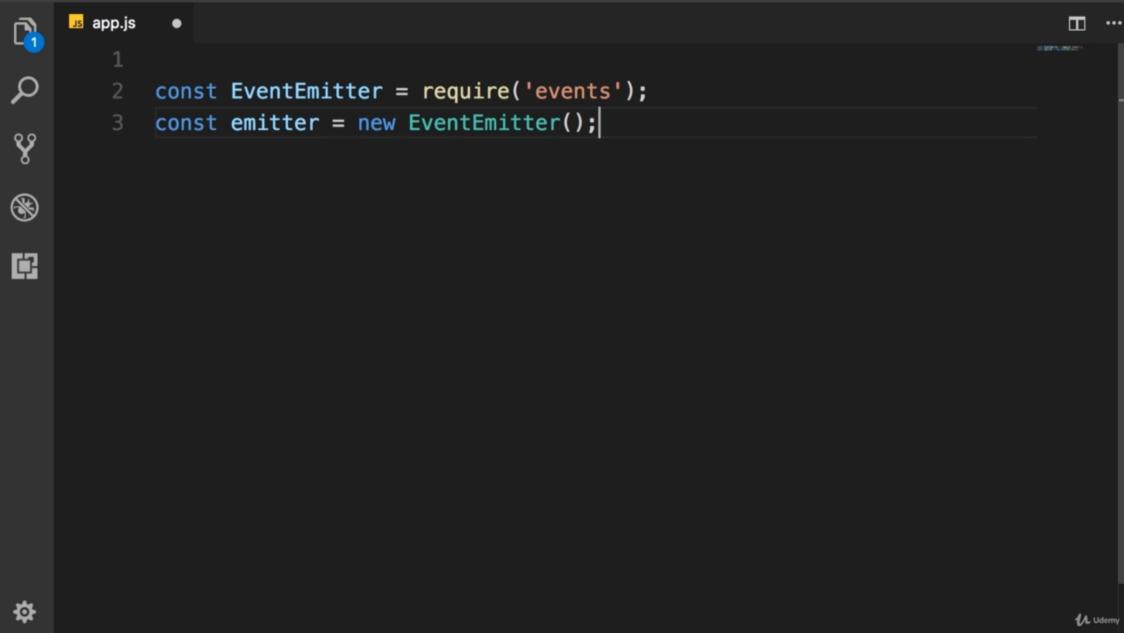
- **Events**
 - Passing arguments and this to listeners
 - Asynchronous vs. Synchronous
 - Handling events only once
 - Error events
 - Class: EventEmitter
 - Event: 'newListener'
 - Event: 'removeListener'
 - EventEmitter.listenerCount(emitter, eventName) deprecated

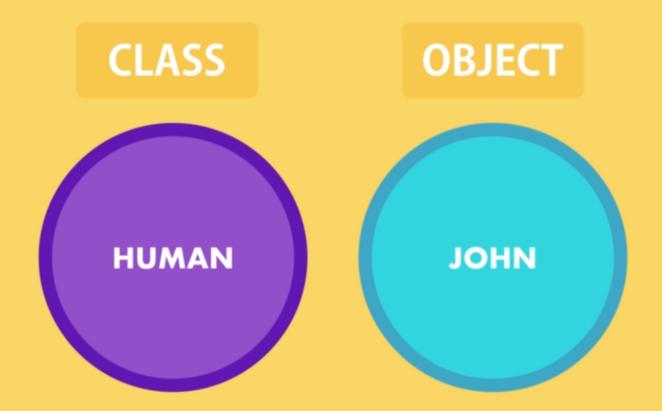


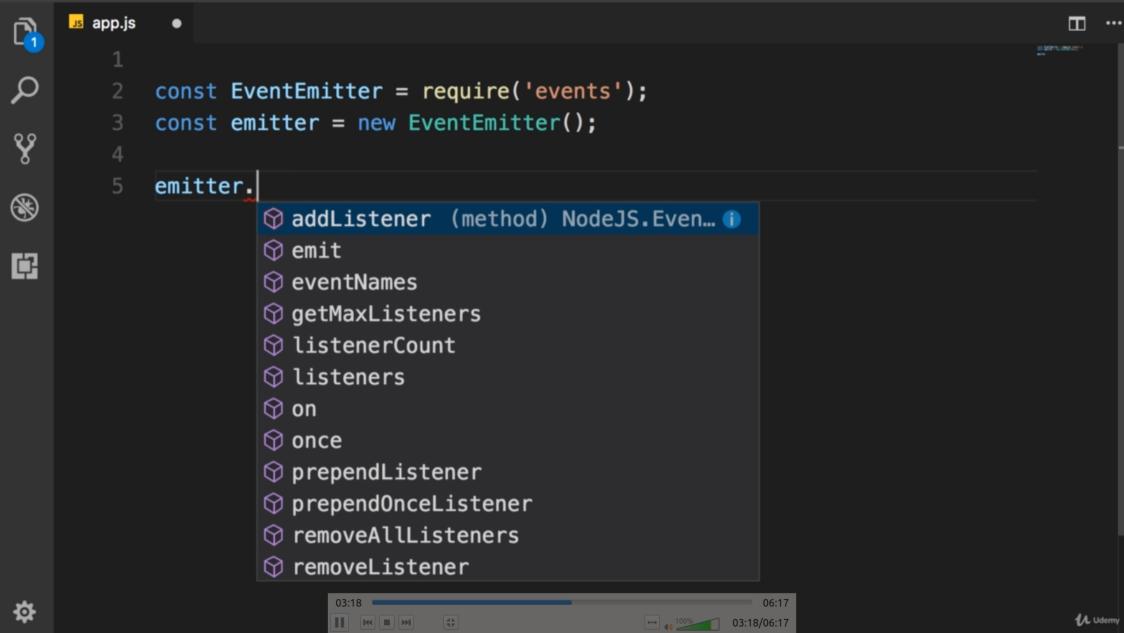


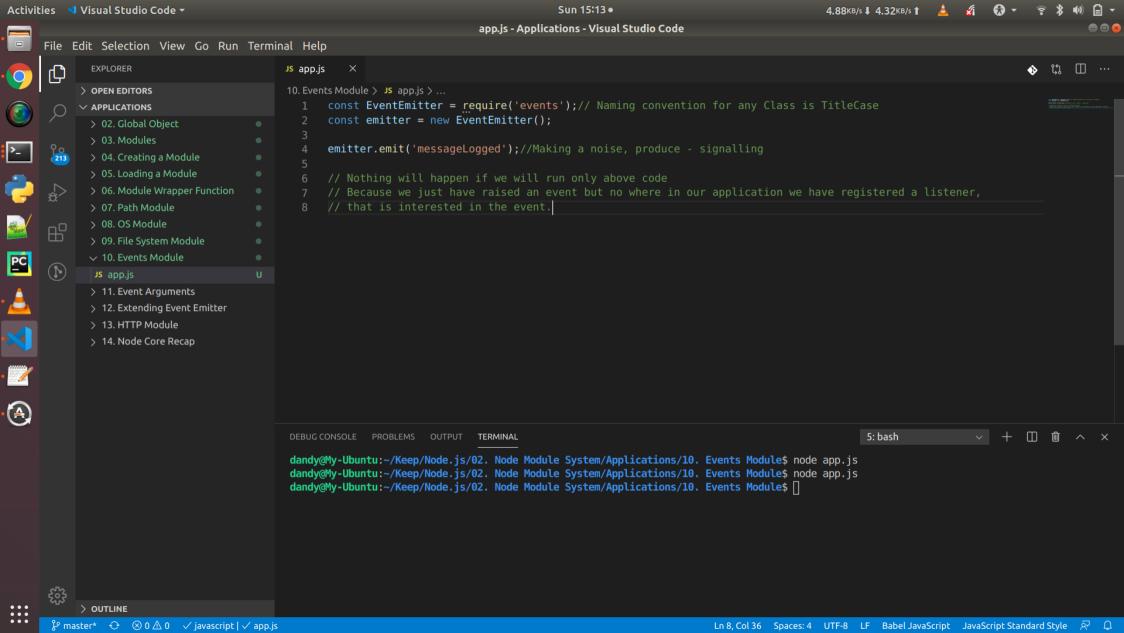
CLASS











Activities

✓ Visual Studio Code

✓ Sun 15:22 • app.js - Applications - Visual Studio Code File Edit Selection View Go Run Terminal Help JS app.js 10. Events Module > JS app.js > ... // emitter.emit('messageLogged');//Making a noise, produce - signalling // // Because we just have raised an event but no where in our application we have registered a listener, // // that is interested in the event. const EventEmitter = require('events');// Naming convention for any Class is TitleCase const emitter = new EventEmitter(); emitter.on('messageLogged',function(){ **(1**) console.log('Listener called'); // Raise an event emitter.emit('messageLogged'); // The order is important as we have to register the listener first and then only we have to raise and event. // Because when we call the emit method it iterates over all the registered listeners and calls them synchronously. 5: bash DEBUG CONSOLE PROBLEMS OUTPUT TERMINAL dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/10. Events Module\$ node app.js dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/10. Events Module\$ node app.js dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module Sy dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/10. Events Module\$ node app.js Listener called dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/10. Events Module\$ node app.js Listener called dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/10. Events Module\$ ••• ••• ••• \mathcal{P} master* $\Theta \otimes O \wedge O$ / javascript | / app.is Ln 20, Col 116 Spaces: 4 UTF-8 LF Babel JavaScript JavaScript Standard Style 💆 🚨