JONAS.IO
SCHMEDTMANN

NODE.JS, EXPRESS & MONGODB

THE COMPLETE BOOTCAMP

@JONASSCHMEDTMAN

SECTION

HOW NODE.JS WORKS: A LOOK BEHIND THE SCENES

LECTURE

EVENTS AND EVENT-DRIVEN ARCHITECTURE

THE EVENT-DRIVEN ARCHITECTURE

OBSERVER PATTERN

Event listener keeps observing the subject that will emit the event the listener is waiting

```
Event emitter   --EMITS EVENTS-->   Event listener   --CALLS-->   Attached callback function
```
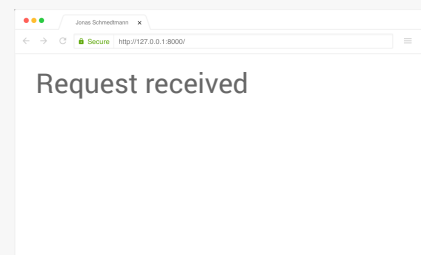
EMITTER   **LISTENER**

NEW REQUEST ON SERVER

'request' event

127.0.0.1:8000

```
const server = http.createServer();
server.on('request', (req, res) => {
    console.log('Request received');
    res.end('Request received');
});
```

👉 Instance of `EventEmitter` class

Request received