

Node.js Events

Examples

```
var events = require('events');
var eventEmitter = new events.EventEmitter();

var ringBell = function ringBell()
{
  console.log('ring ring ring');
}
eventEmitter.on('doorOpen', ringBell);

eventEmitter.emit('doorOpen');
```

```
eventEmitter.on('doorOpen', ringBell);
eventEmitter.on('doorOpen', doSomething);
eventEmitter.on('doorOpen', doSomethingElse);

eventEmitter.emit('doorOpen');
```

```
eventEmitter.on('doorOpen', function(ring)
{
  Console.log(ring);
})
eventEmitter.emit('doorOpen', 'ringeling');
```

```
var events = require('events');

function Door(colour) {
  this.colour = colour;
  events.EventEmitter.call(this);

  this.open = function()
  {
    this.emit('open');
  }
}

Door.prototype.__proto__ = events.EventEmitter.prototype;

var frontDoor = new Door('brown');

frontDoor.on('open', function() {
  console.log('ring ring ring');
});
frontDoor.open();
```

```
var ring = function()  
{  
  console.log('ring');  
}  
frontDoor.on('open', ring);  
  
console.log(require('util').inspect(frontDoor.listeners('open'))); //  
Outputs ring
```

```
frontDoor.removeListener('open', ring);
```

```
frontDoor.removeAllListeners('open');
```

- [Node.js Events and EventEmitter](#)

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