



# NODE.JS?

Monitoria - Engenharia de  
Software

Me apresentando... E não porque quero...



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S1d3A

Me apresentando... E não porque quero...



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@mrdedede





## Web 1.0

"Read Only",  
Decentralized



## Web 2.0

Participatory,  
Centralized



## Web 3

No Intermediaries,  
Decentralized

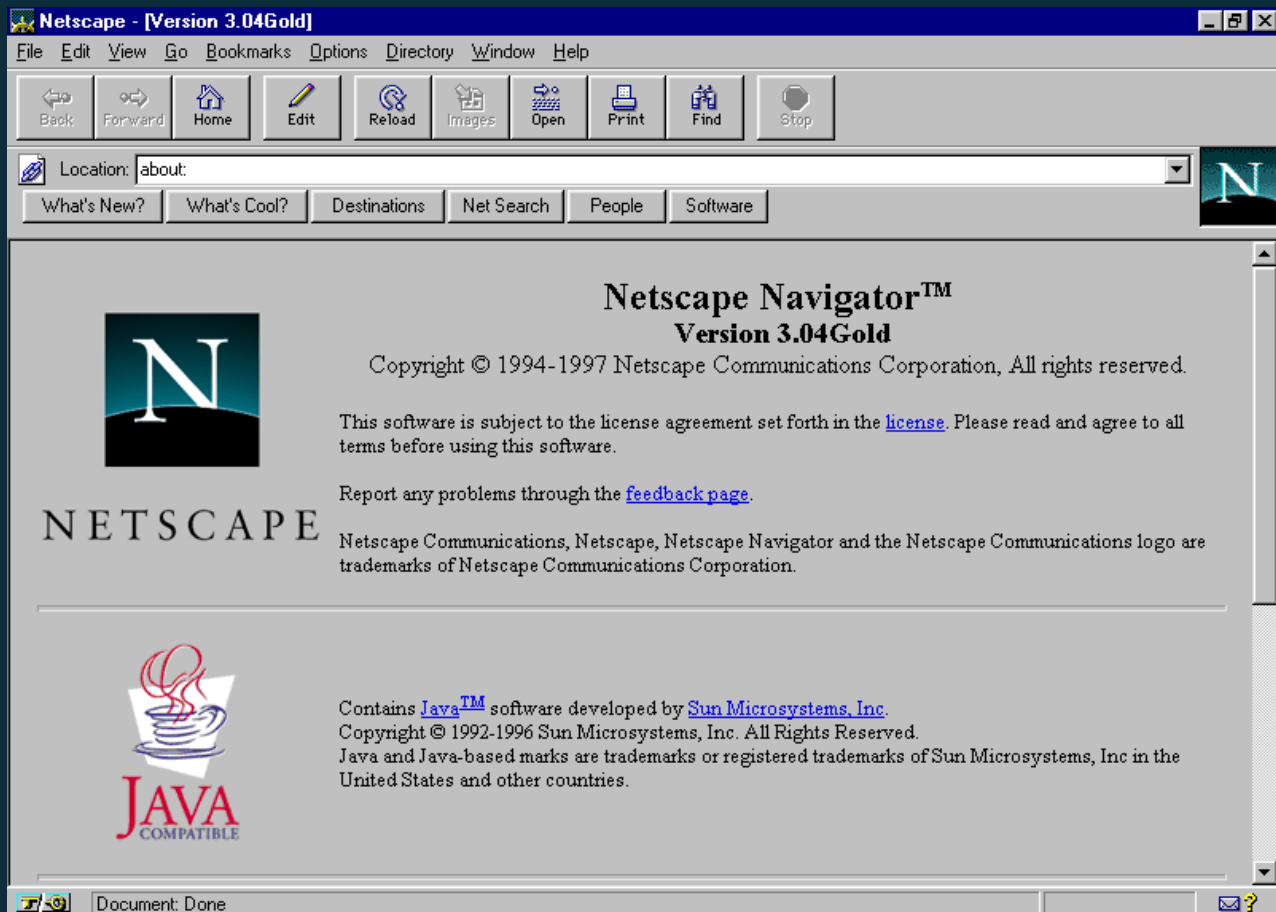




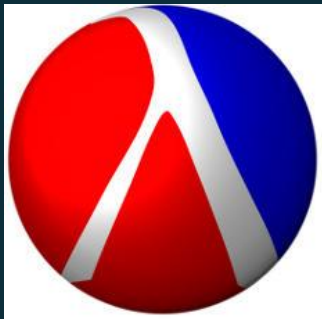
# Web 1.0

“Read Only”,  
Decentralized









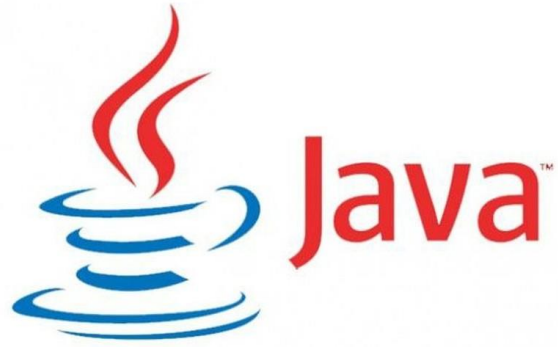
```
//Scheme Code
```

```
(import  
  (rnrs)  
  (ironscheme clr))
```

```
;Define a function write-ln  
(define (write-ln fmt . args)  
  (clr-static-call System.Console WriteLine  
(clr-cast System.String fmt)  
  (clr-cast System.Object[]  
    (list->vector args))))
```

```
; And invoke it!
```

```
(write-ln "{0}" "Hello World!")
```





Brendan Eich  
(esse bichão aí)  
Criador do JavaScript



Brendan Eich  
(esse bichão aí)  
Criador do JavaScript



O JavaScript foi criado para funcionar apenas em client-side (browser)

# PCWEEK

How to Implement

## NETSCAPE LIVEWIRE PRO

**From Conception to Launch:  
Gain Control of Complex,  
Interactive Web Sites**

- Take charge with the latest drag-and-drop site management techniques
- Create and deploy well-organized Web sites—then easily edit and update them locally
- Harness Netscape's development advantages of JavaScript and LiveWire's built-in compiler
- Master server-side programming that lets clients browse, search, and update networked databases



Amy Helen Johnson and Warren Ernst



# Web 1.0

“Read Only”,  
Decentralized



# Web 2.0

Participatory,  
Centralized















Ryan Dahl  
(achou que eu ia repetir  
a piada aqui?)  
Criador do Node.js





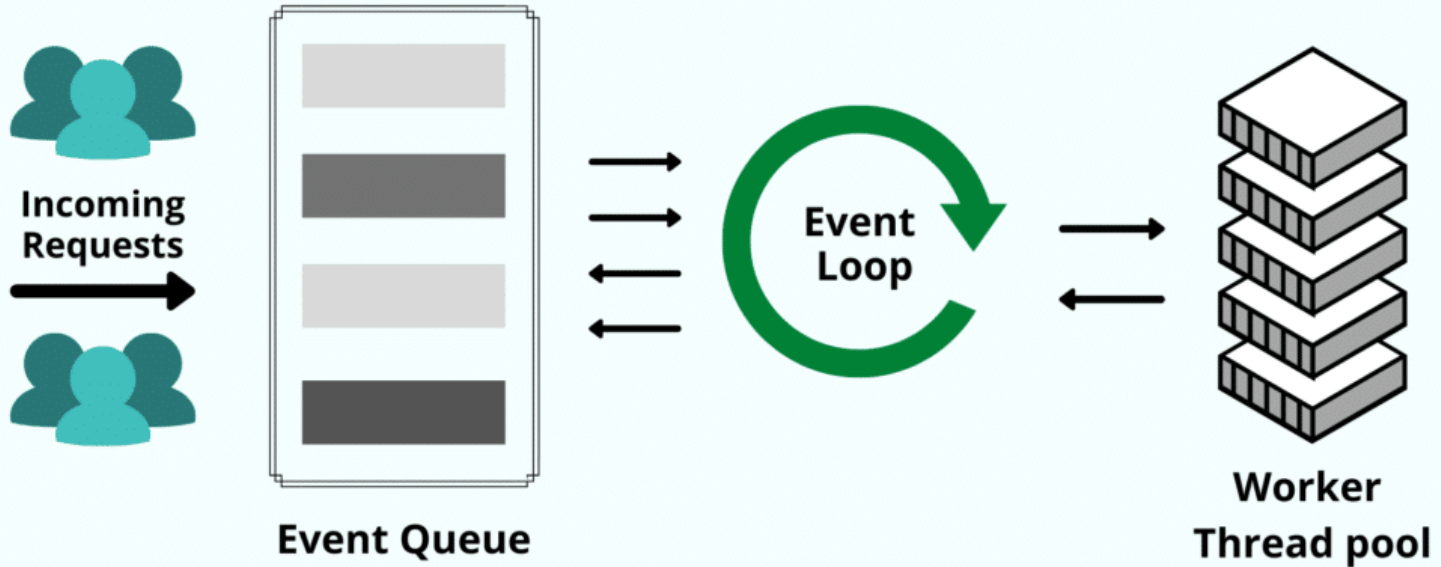
○ Node.js permite utilizar o  
JavaScript no server-side  
(Servidor)

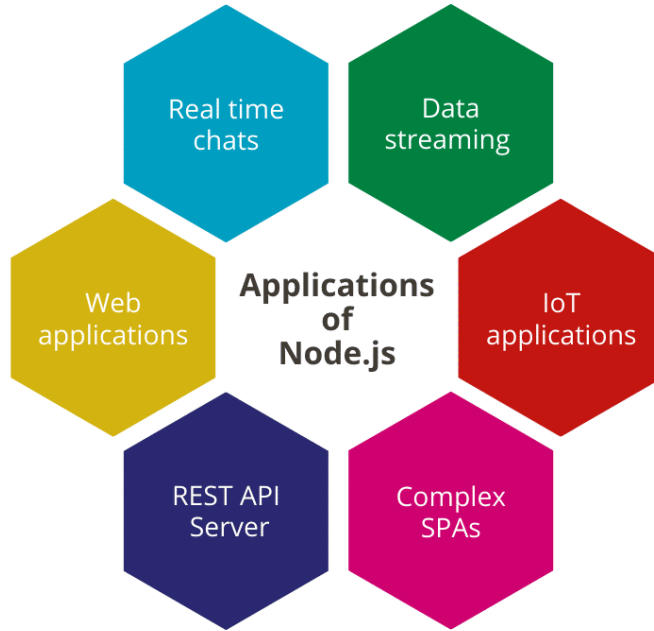


O Node.js permite utilizar o  
JavaScript no ~~server-side~~  
(Servidor)

FORA DO BROWSER

# Node.js Architecture





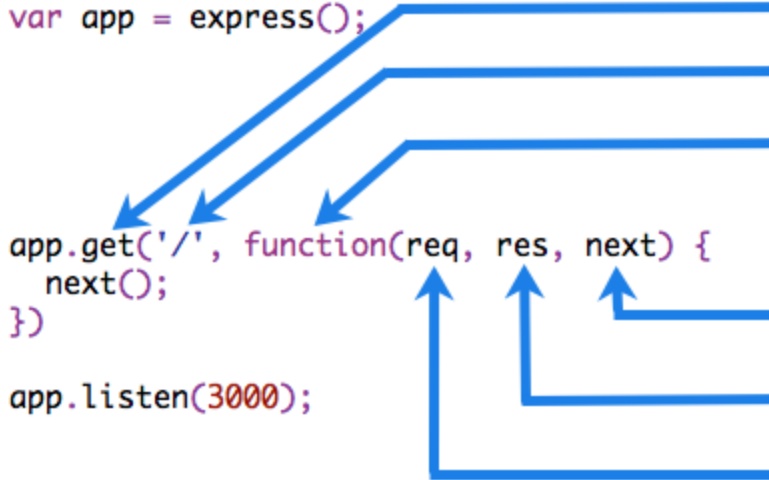
# Express

Framework web  
rápido, flexível e  
minimalista para  
Node.js

```
var express = require('express');  
var app = express();
```

```
app.get('/', function(req, res, next) {  
  next();  
});
```

```
app.listen(3000);
```





Material Complementar + Listas (GitHub)

DEMO