GIRL CODE: METEOR
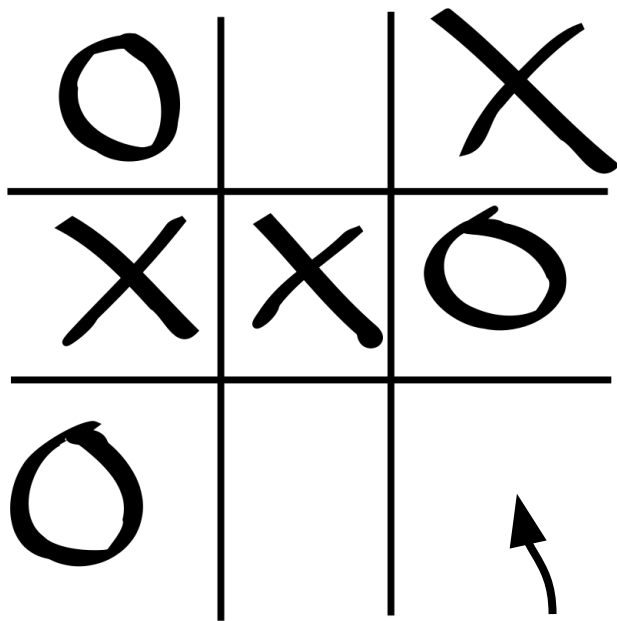
METEOR

Q
42

An introduction

What are we doing today?

With that

This

WHAT IS **METEOR** ?

- Framework webapps te maken
- het is makkelijk en snel

(hier link naar meteor)

Client / Server in METEOR

Hier een plaatje van Computer en Server Diagramm

Tic tac Toe – DEMO

Link to our final (easy) version

Tic tac Toe

Find all slides and code on https://github.com/afkatja/tictactoe

USE EXAMPLE CODE ONLY IN CASE OF EMERGENCY!

Tic tac Toe - RULES

- switch player ('O', 'X')
- three marks in a row/column/diagonal win (the game stops)

https://github.com/afkatja/tictactoe

Tic tac Toe - ADVANCED

- multiplayer
- 4 on row, 5 on a row,…, 100 on a row
- tic tac toe inception
- something else?

https://github.com/afkatja/tictactoe

STEP 0 - create your first meteor app

NEEDED: a Texteditor!

- Atom
- Sublime
- ...

- Download and install meteor

- Create your own meteor app:

  >> meteor create <app-name>

https://github.com/afkatja/tictactoe

STEP 1 - Create your board

- Copy the css (and add a nice font if you want)

https://github.com/afkatja/tictactoe

STEP 1 - Create your board

- Copy the css and add a nice font
- Make a 'gameboard' with a 3x3 grid ('box')

https://github.com/afkatja/tictactoe

Step 1 - Create your board

- Copy the css and add a nice font
- Make a 'gameboard' with a 3x3 grid ('box')

```
<div class="gameboard">
      <div class="box"></div>
      …
</div>
```

https://github.com/afkatja/tictactoe
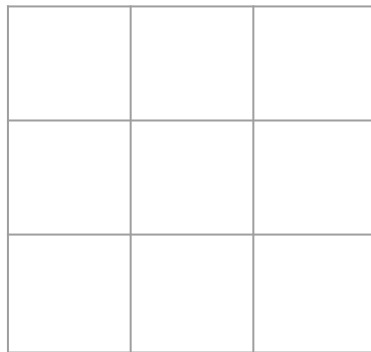
STEP 2 – Loop it

- create a meteor collection

```
var boxes = [ ];
```

HTML

STEP 2 - Loop it

- create an array
- fill the array with a for-loop

```
for (var i = 0; i < 9; i++) {
      box = {};
      boxes.push(box.index = 1)
}
```

HTML

https://github.com/afkatja/tictactoe

STEP X – WINNING COMBO

Winning Combo:

0	1	2
3	4	5
6	7	8

STEP X - WINNING COMBO

❌ 0	❌ 1	❌ 2
3	4	5
6	7	8

Winning Combo:

[0, 1, 2]

STEP X – WINNING COMBO

✖ 0	1	2
3	✖ 4	5
6	7	✖ 8

Winning Combo:

[0, 1, 2]   [0, 4, 8]

STEP X - WINNING COMBO

0	1	2
3	4	5
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Winning Combo:

[0, 1, 2]   [0, 4, 8]   [0, 3, 6]

STEP X – WINNING COMBO

0	1	2
3	4	5
6	7	8

Winning Combo:

[0, 1, 2]   [0, 4, 8]   [0, 3, 6]

[3, 4, 5]   [2, 4, 6]   [1, 4, 7]

[6, 7, 8]   [2, 5, 8]