Standard/Specification

ECMAScript

Action Script | JS | JScript

JS

Browser

Node

Module revealing pattern

Module Loaders
system.js
common.js
require.js

ES6 Modules

Stack
anotherMsg

Stack

---

var o = {name:"XYZ"}

Stack | Heap

5555 → name:"XYZ" → new Object()
5555

person → name:"Nadal" → new Object()

player → → prototype

jbc → hasNitroPower → prototype → new Car() → prototype → new Object()

ES6 Modules

multiple

Named Export

```
export function Add(x, y) {
return x + y;
}
```

```
import { Add, Product } from "./math.js";
```

only be one default export per module

Default Export

AJAX

XMLHttpRequest | Javascript | JSON | DOM

ES6

Callbacks → Promise → async/await

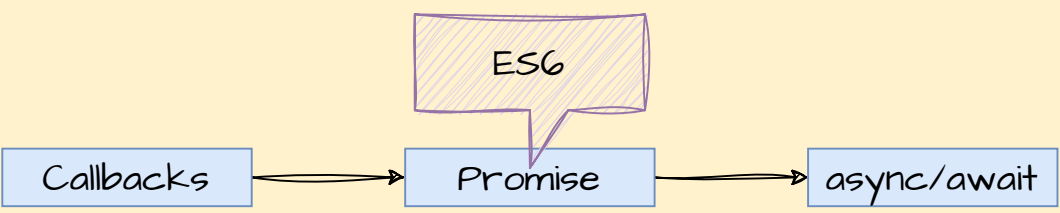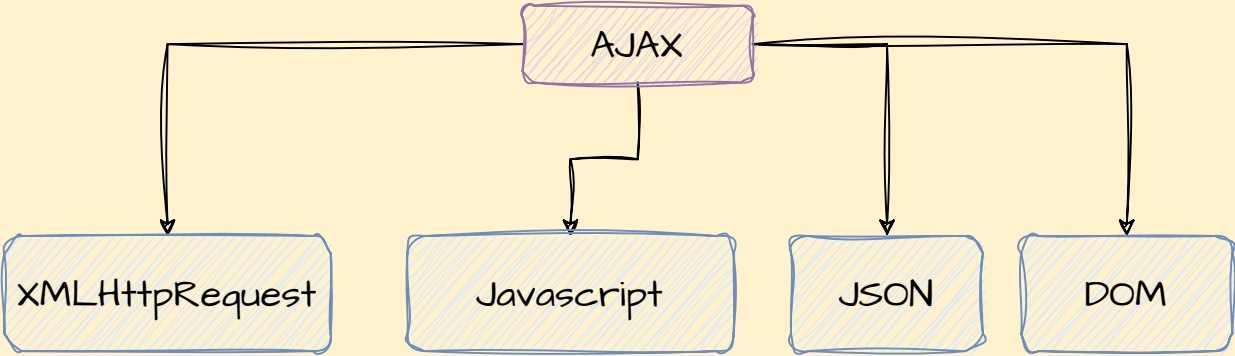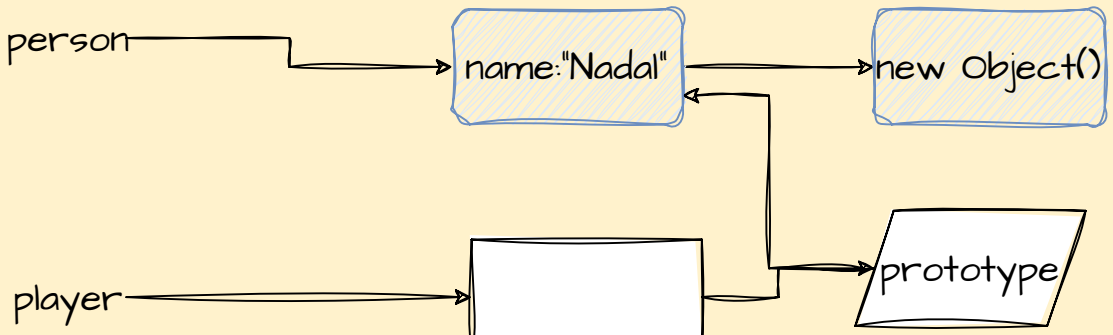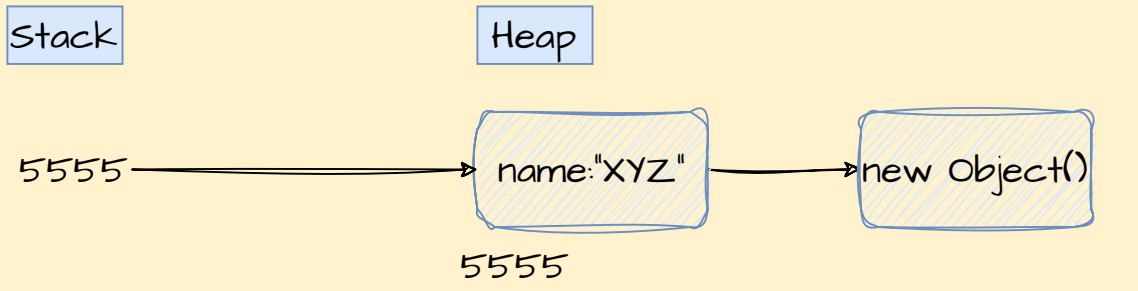
Iterator → an object that has a next method() → {value,done}

html | js

success

error

aPromise

Webpack → A Module bundler

babel → Transpiler / Compiler