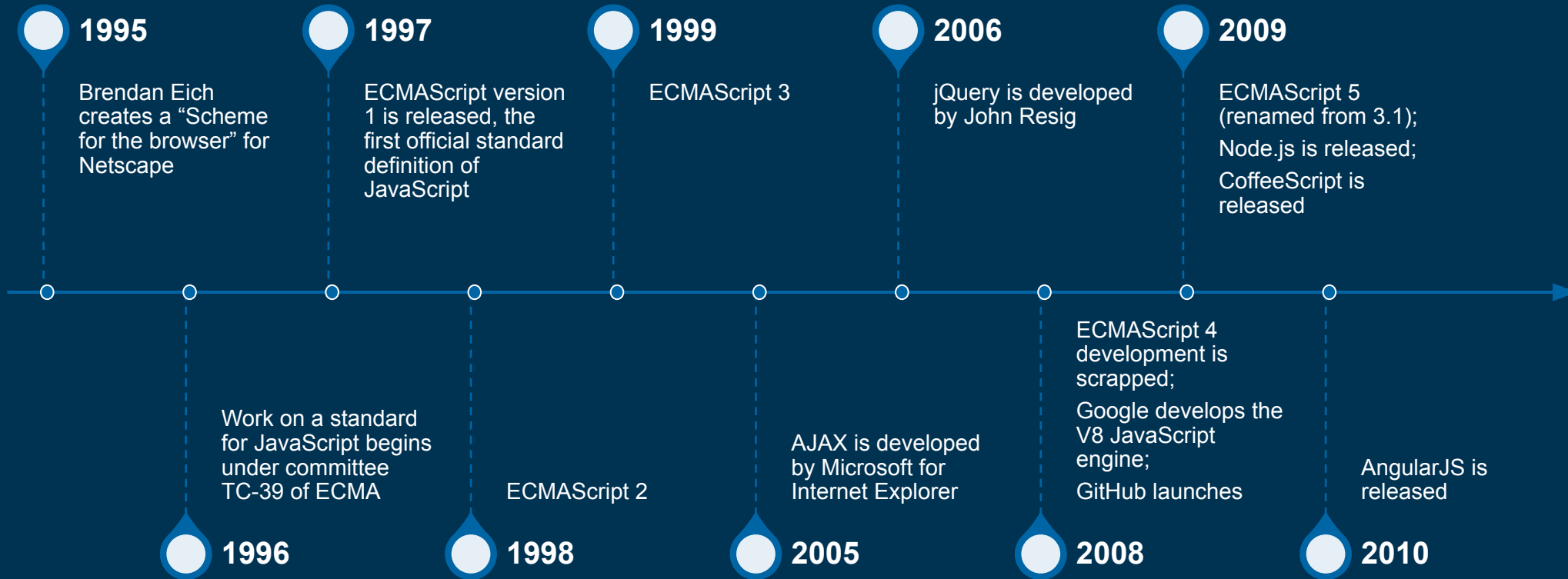# JavaScript

A Brief History

What is JavaScript?

- The world's most popular programming language (According to GitHub)

- The language of the web

- A language for microservices

What Kind of Language is JavaScript?
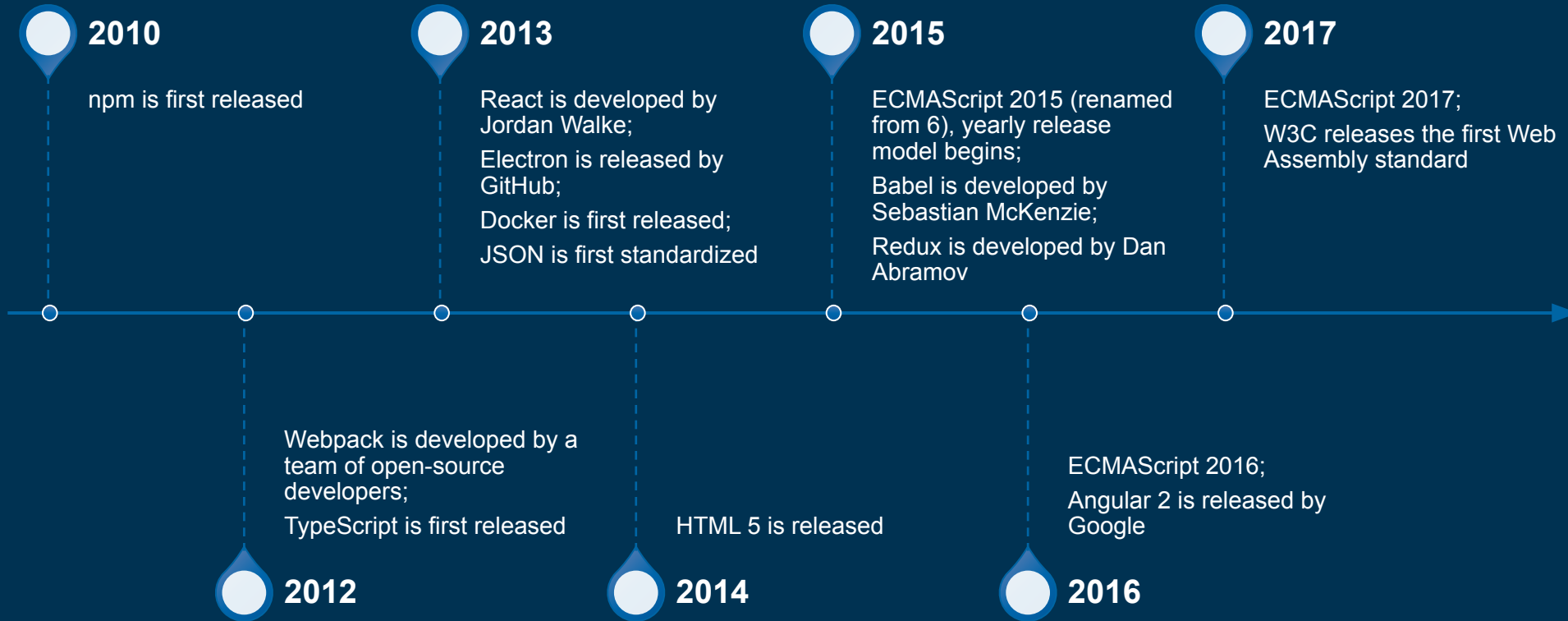
- An interpreted language, with each script executed line-by-line

- Dynamically typed, with types unknown at "compile" time

- A functional programming language, with first-class function values

- An object-oriented language with classes, prototypical inheritance, and first-class object literals

- It has a unique event-driven system for concurrency, perfect for managing user interaction

Early History

1995
Brendan Eich creates a "Scheme for the browser" for Netscape

1997
ECMAScript version 1 is released, the first official standard definition of JavaScript

1999
ECMAScript 3

2006
jQuery is developed by John Resig

2009
ECMAScript 5 (renamed from 3.1);
Node.js is released;
CoffeeScript is released

Work on a standard for JavaScript begins under committee TC-39 of ECMA
1996

ECMAScript 2
1998

AJAX is developed by Microsoft for Internet Explorer
2005

ECMAScript 4 development is scrapped;
Google develops the V8 JavaScript engine;
GitHub launches
2008

AngularJS is released
2010

Modern History

2010

npm is first released

2013

React is developed by Jordan Walke;

Electron is released by GitHub;

Docker is first released;

JSON is first standardized

2015

ECMAScript 2015 (renamed from 6), yearly release model begins;

Babel is developed by Sebastian McKenzie;

Redux is developed by Dan Abramov

2017

ECMAScript 2017;

W3C releases the first Web Assembly standard

Webpack is developed by a team of open-source developers;

TypeScript is first released

2012

HTML 5 is released

2014

ECMAScript 2016;

Angular 2 is released by Google

2016

Node vs. Browser JavaScript

- Node has an SDK for general-purpose programming

- The browser has an SDK for web app development