

Objetivos

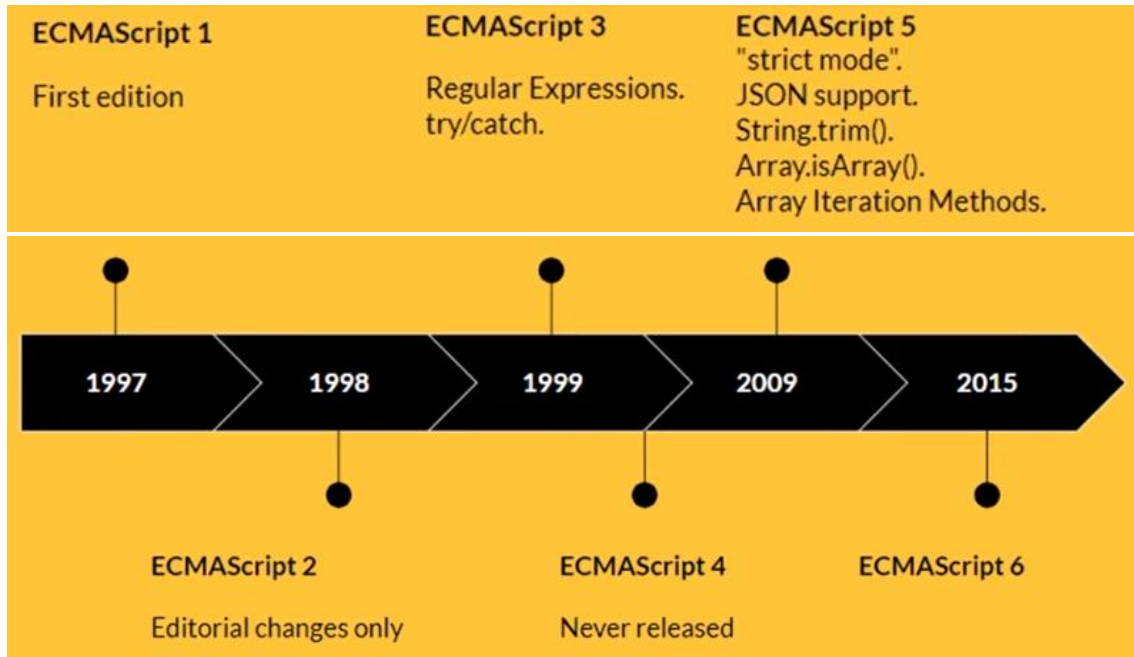
1. Entender a história da linguagem
2. Conhecer as principais evoluções
3. Conhecer aplicações na vida real

História



- Interpretada
- Baseada em Protótipos
- Multiparadigma
- Comumente utilizada em aplicações web client-side
- Segue o padrão ECMAScript

Evolução



Evolução

		97%	100%	100%	97%	97%	96%	93%	92%	86%	83%	71%	59%
Feature name	▶	Current browser	IOS 10	SF 10	Node 6.5 ^[6]	CH 54, OP 41 ^[1]	XS6	Edge 14 ^[4]	FF 49	FF 45 ESR	Edge 13 ^[4]	Babel + core-js ^[2]	JXA
Syntax													
● default function parameters	▶	7/7	7/7	7/7	7/7	7/7	7/7	7/7	4/7	4/7	0/7	4/7	0/7
● rest parameters	▶	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	3/5	0/5
● spread (...) operator	▶	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	13/15	11/15
● object literal extensions	▶	6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6	5/6
● for...of loops	▶	9/9	9/9	9/9	9/9	9/9	9/9	7/9	7/9	7/9	7/9	9/9	8/9
● octal and binary literals	▶	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
● template literals	▶	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	4/5	5/5
● RegExp "y" and "u" flags	▶	5/5	5/5	5/5	5/5	5/5	2/5	5/5	5/5	2/5	5/5	3/5	0/5
● destructuring declarations	▶	22/22	22/22	22/22	22/22	22/22	21/22	21/22	21/22	19/22	0/22	21/22	19/22
● destructuring assignment	▶	24/24	24/24	24/24	24/24	24/24	24/24	23/24	23/24	21/24	0/24	24/24	21/24
● destructuring parameters	▶	23/23	23/23	23/23	23/23	23/23	23/23	22/23	19/23	18/23	0/23	20/23	18/23
● Unicode code point escapes	▶	2/2	2/2	2/2	2/2	2/2	2/2	2/2	1/2	1/2	2/2	1/2	2/2
● new.target	▶	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	1/2	0/2	0/2
Bindings													
● const	▶	16/16	16/16	16/16	16/16	16/16	16/16	16/16	12/16	12/16	12/16	14/16	10/16
● let	▶	12/12	12/12	12/12	12/12	12/12	12/12	12/12	10/12	10/12	10/12	10/12	0/12
● block-level function declaration ^[13]	⊙	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
Functions													
● arrow functions	▶	13/13	13/13	13/13	13/13	13/13	12/13	13/13	13/13	13/13	13/13	9/13	0/13
● class	▶	24/24	24/24	24/24	24/24	24/24	24/24	24/24	24/24	24/24	24/24	19/24	18/24
● super	▶	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	8/8	4/8	7/8
● generators	▶	27/27	27/27	27/27	27/27	27/27	27/27	27/27	25/27	25/27	27/27	24/27	0/27

Aplicações

- Web
- Mobile
- Smartwatches
- Games
- Internet of Things
- APIs

