



Prototyping the future

A PAST, PRESENT AND FUTURE BETTING TIP

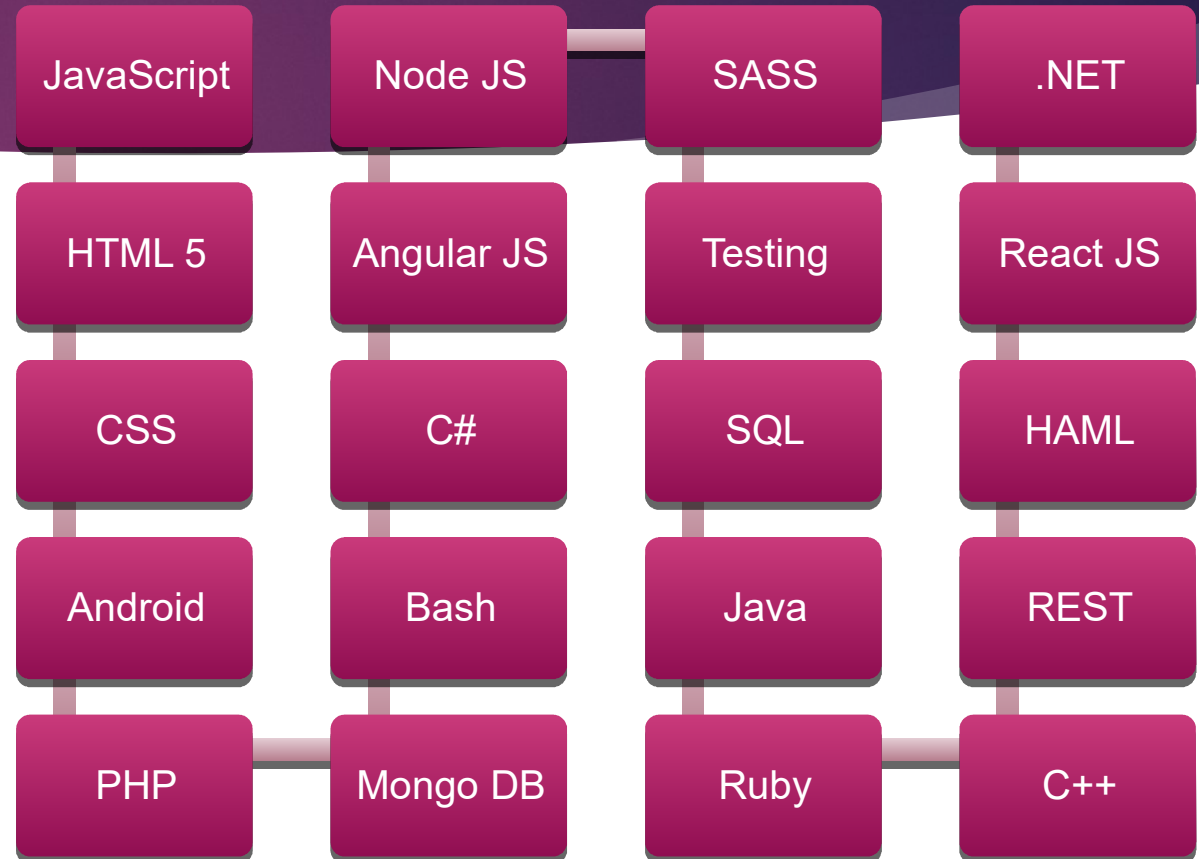
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JavaScript

The
Past

The
Present

The
Future

Q&A

The Past

CHAPTER I

“

PERFECT IS THE ENEMY OF
GOOD.

”

VOLTAIRE

Don't worry about doing things perfectly. If you do, you'll never get things done.

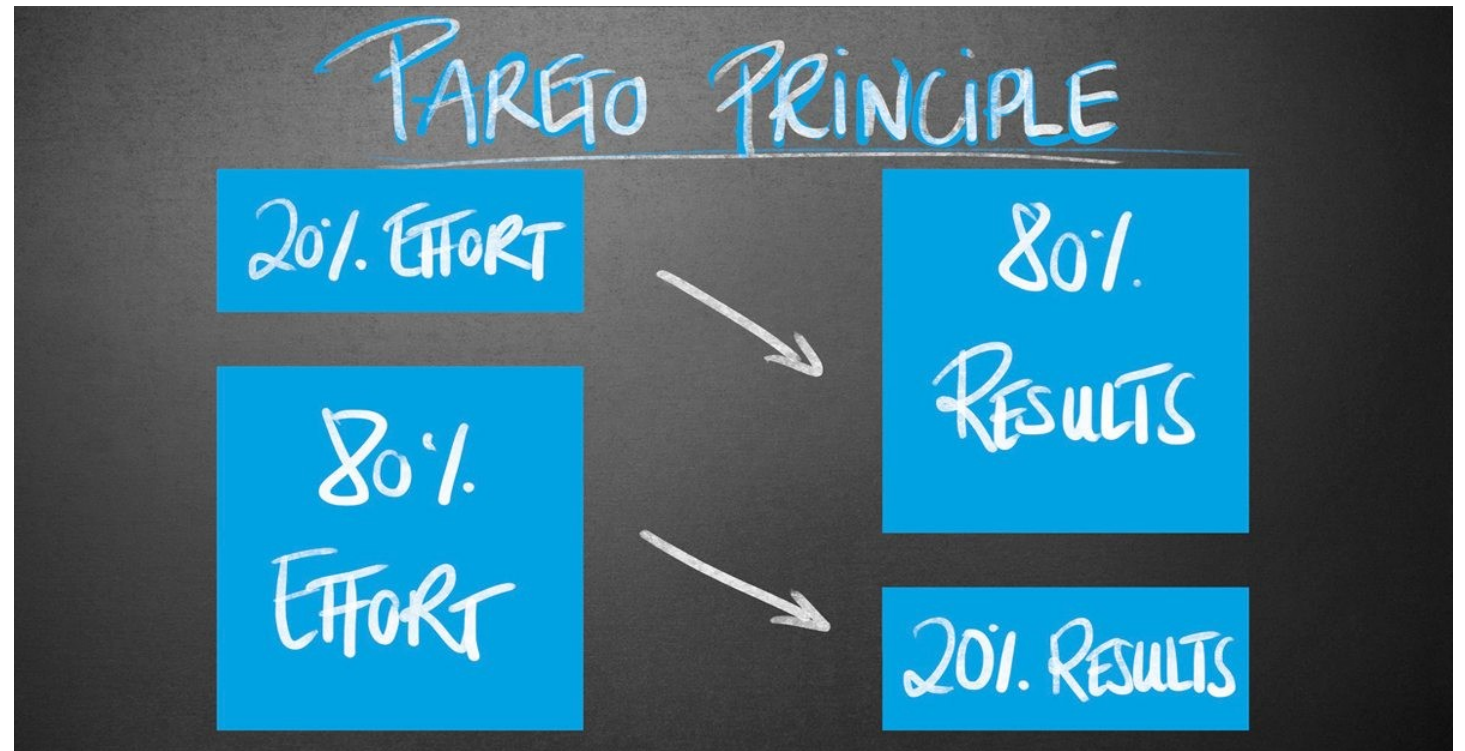
Aristotel, Confucius and others suggested to take the golden middle way and avoid extremes.

Law of the vital few

(aka Pareto principle, 80/20 rule)

It commonly takes 20% of the full time to complete 80% of a task while to complete the last 20% of a task takes 80% of the effort.

Achieving absolute perfection may be impossible and so, as increasing effort results in diminishing returns, further activity becomes increasingly inefficient.



“

The man who moves a mountain begins by
carrying away small stones.

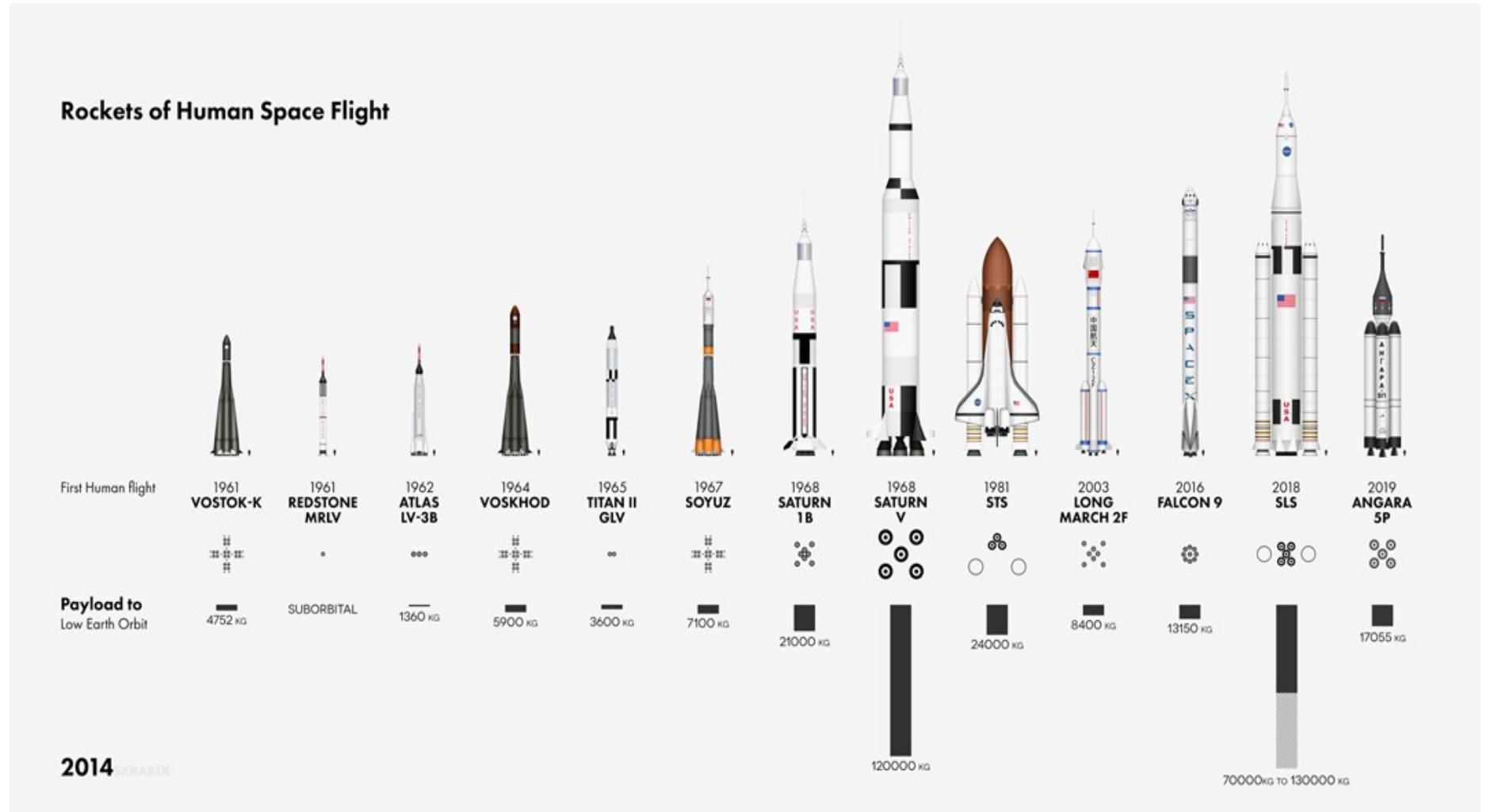
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CONFUCIUS

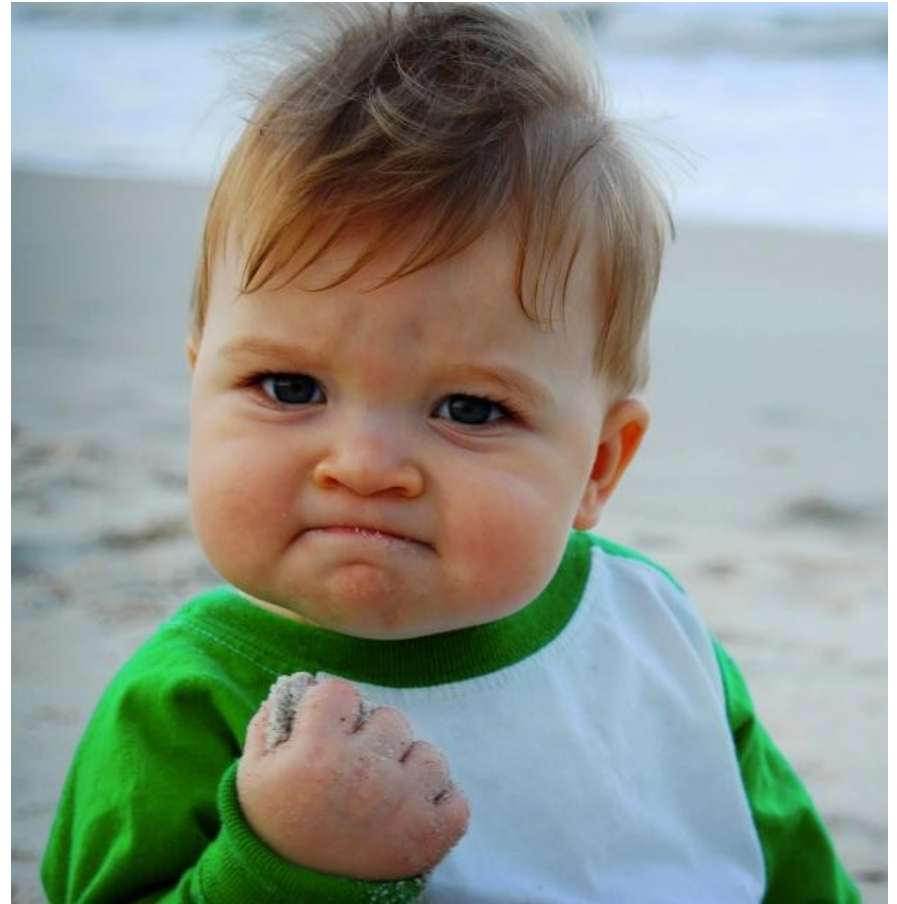
Incremental improvements might lead you to perfection without losing time.

Rocket Science

- Mercury (Atlas Rockets)
- Gemini (Titan Rockets)
- Apollo (Saturn Rockets)
- Skylab (Saturn Rockets)
- Apollo-Soyuz
- Shuttle-Mir
- Project Constellation
- SpaceShuttle
- International Space Station



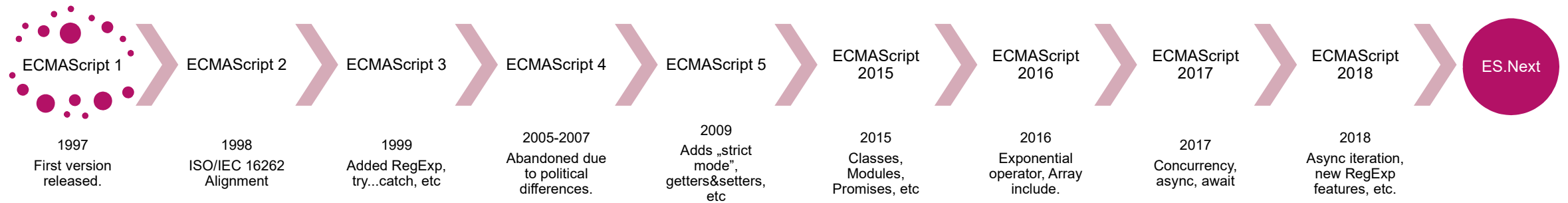
BABY STEPS FTW



Brendan Eich wrote Mocha in 10 days in May 1995.

Mocha became LiveScript later.

In December 1995 the language was renamed again to its final name: JavaScript



Brief History of JavaScript

Or how to baby step in web domination.

The Present

CHAPTER II

From helper To master.

JavaScript become from a 'helper' language used to do menus and annoying popups to a language in which you write almost all your app.



Amazing games



Annoying popups

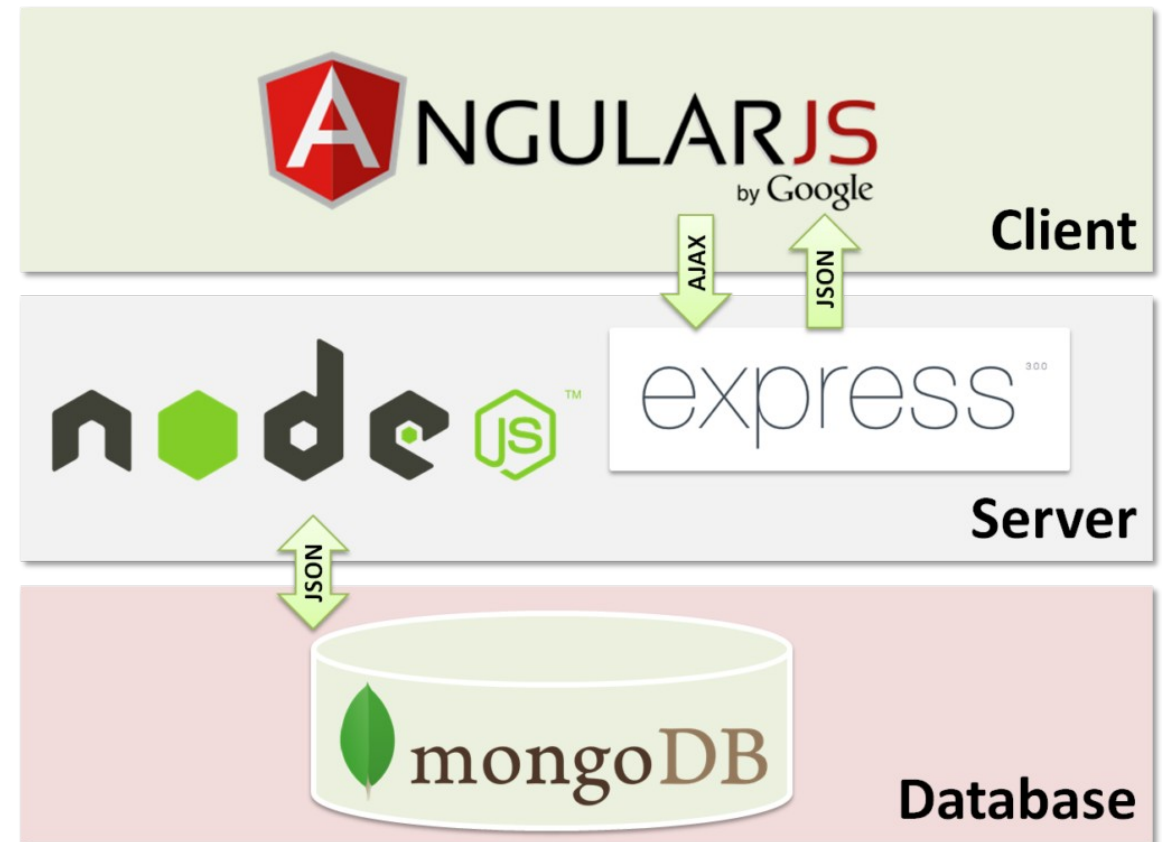
Ease of development with frameworks.

JS offers the **fastest** web experience with SPA.



One language to rule them all.

You can build a entire web application with JS.



***Not** the only web app solution.

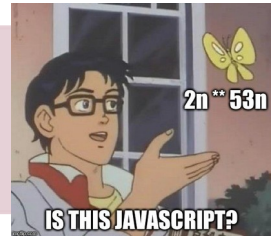
The Future

CHAPTER III

ES.NEXT (Proposals)

BigInt

- A new primitive that provides a way to represent whole numbers larger than 2^{53}
- $2n^{**53n} === \text{JavaScript M(a)eth (lol)}$



import()

- `import()` can be used from scripts, not just from modules.
- Dynamically load parts of a JavaScript application at runtime (because of factors only known at runtime ... Ex. User Language);

Class field declaration

- `#private`

ES.NEXT (Proposals)

Decorators

- `@defineElement('potato')`
- `@bound`
- `@observed`

Observable

- Similar to RxJS implementation of it.

The Pipeline Operator

- `sqrt(64)` becomes `64 |> sqrt`.
- `let result = „hello” |> addQuote |> capitalize |> exclaim;`



I don't know the future, but since
I don't see one without internet...

Bet on JavaScript.

That's my tip for past, present and future betting.

Questions ?



The End.

THANKS FOR ATTENDING !