

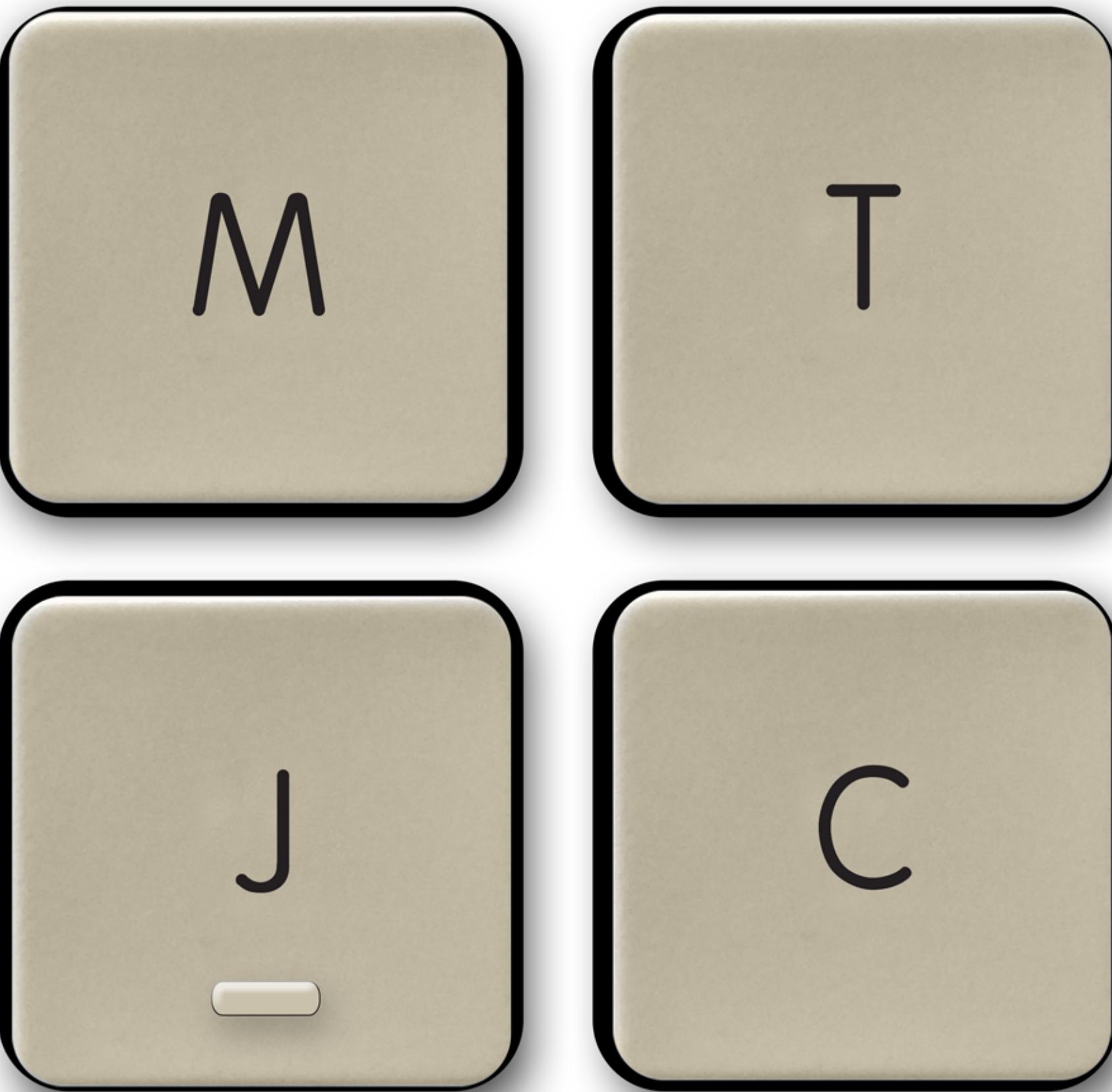
# WEB COMPONENTS: 10 THINGS TO KNOW

# ABOUT ME



JAIME LOPEZ JR  
@DEVWITHTHEHAIR  
[HTTPS://GITHUB.COM/  
DEVWITHTHEHAIR](https://github.com/devwiththehair)

**MORE THAN  
JUST CODE  
[HTTP://MTJC.FM](http://MTJC.FM)**



# 1) WHAT ARE WEB COMPONENTS?

# UMBRELLA TERM



# CUSTOM ELEMENTS SHADOW DOM HTML TEMPLATES

# 2) READY FOR PRODUCTION?

# SPACEX DRAGON



# 3) BROWSER SUPPORT?

CHROME  
OPERA  
SAFARI  
FIREFOX  
**EDGE (CHROMIUM-BASED)**

(ALSO IE 11... WITH A POLYFILL)

[HTTPS://WWW.WEBCOMPONENTS.ORG/POLYFILLS](https://www.webcomponents.org/polyfills)

4) LOT OF CODE?

**YES...HOWEVER**

YES:  
STANDARDS DEFINE LOW-  
LEVEL PROTOCOLS

**YES:  
WE HAVE INTEROPERABILITY  
AND FLEXIBILITY**

**HOWEVER:  
PAIN IS MOSTLY FELT BY  
LIBRARY AUTHORS**

**HOWEVER:  
MANY OPTIONS TO HELP  
MAKE WRITING EASIER**

# 5) LIT ELEMENT

# LIT-HTML LITELEMENT

[HTTPS://LIT-ELEMENT.POLYMER-PROJECT.ORG/](https://lit-element.polymer-project.org/)

# 6) FAST

**@MICROSOFT/FAST-ELEMENT  
@MICROSOFT/FAST-FOUNDATION  
@MICROSOFT/FAST-COMPONENTS  
@FLUENTUI/WEB-COMPONENTS**

**[HTTPS://WWW.FAST.DESIGN/](https://www.fast.design/)**

7) HOW MANY DIFFERENT  
WAYS TO BUILD?

# AT LEAST 33 (AND PROBABLY MORE)

[HTTPS://WEBCOMPONENTS.DEV/BLOG/ALL-THE-WAYS-TO-MAKE-A-WEB-COMPONENT/](https://webcomponents.dev/blog/all-the-ways-to-make-a-web-component/)

8) ...BUT REACT?

**YES! (BUT MOSTLY FOR STRUCTURE)  
BE CAREFUL OF EVENT PROPAGATION**

[HTTPS://REACTJS.ORG/DOCS/WEB-COMPONENTS.HTML](https://reactjs.org/docs/web-components.html)

9) OPEN-WC

**DEVELOPING  
LINTING  
TESTING  
BUILDING  
DEMOING  
DEPLOYING  
AUTOMATING**

**[HTTPS://OPEN-WC.ORG/](https://open-wc.org/)**

# 10) EASIER WAY TO GET STARTED?

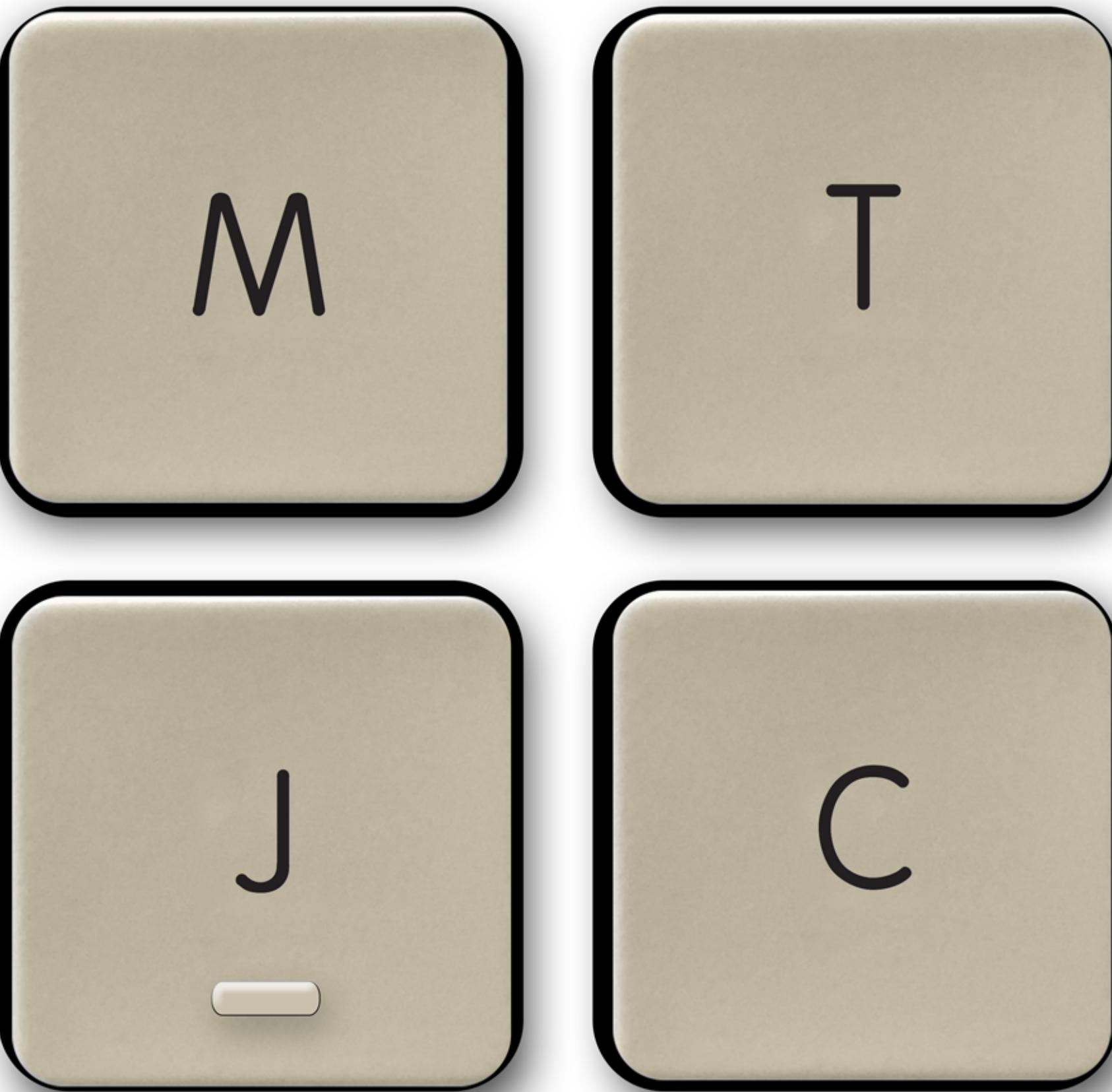
# BROWSER-BASED IDE

[HTTPS://WEBCOMPONENTS.DEV/](https://webcomponents.dev/)



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THANK YOU!