

# 10 Things that Super Mario Taught me about Platform Engineering



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Born in Mexico, but I live in Oakland, California

Cloud Native Development,
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# Okteto is a platform that automates development environments for humans and Al Agents on Kubernetes



MARIESO Oxoo MIPLD T당석투

















Fire Flower

Super Star

Gold Flower

Super Hammer

Blue Shell







**Bubble Flower** 



Wonder Flower



**Elephant Fruit** 



**Moon Orb** 



**Thunder Flower** 



#### 1. PRECAUTIONS

 This is a high precision game. It should not be stored in places that are very hot or cold. Never hit or drop it. Do not take it apart.

Avoid touching the connectors, do not get them wet or dirty. Doing so may damage the game.

3) Do not clean with benzene, paint thinner, alcohol or other such solvents.

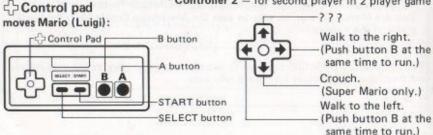
Note: In the interest of product improvement, Nintendo Entertainment System specifications and design are subject to change without prior notice.

This game has been programmed to take advantage of the full screen, some older model T.V.s have rounded screens and may block out a portion of the image.

#### 2. NAMES OF CONTROLLER PARTS AND OPERATING INSTRUCTIONS

Controller 1 / Controller 2 \* Controller 1 - for 1 player game

\*Controller 2 - for second player in 2 player game



#### A button

Jump ....... Mario (Luigi) jumps higher if you hold the button down longer.

Swim .......... When you're in the water, each press of this button makes you bob up.

\*Don't get too lazy about swimming or you'll get pulled under by the whirlpool at the bottom of the screen.

#### B button

Accelerate ... Press this button to speed up, then jump and you can go all the higher.

Fireballs ...... After you pick up the fire flower, you can use this button to throw fireballs.

#### SELECT button

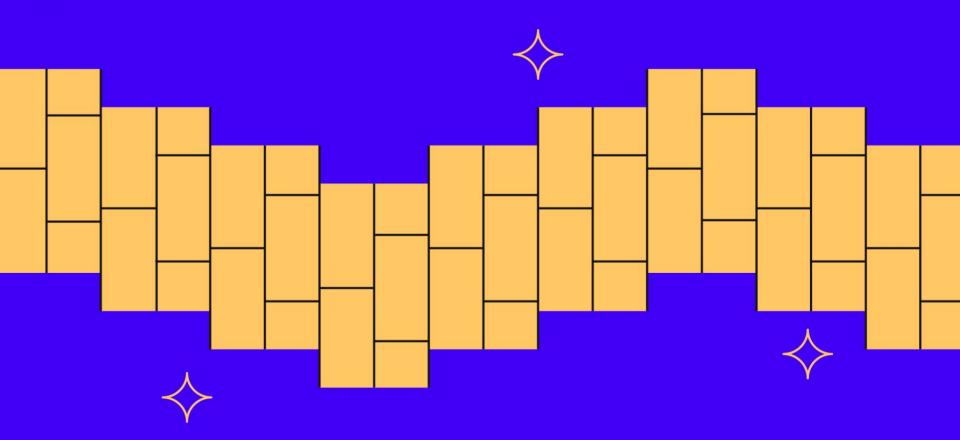


Use this button to move the mushroom mark to the game you wish to play.









There are only two types of platforms

- 1. Those that abstract away complexity
- 2. Those that help developers handle complexity



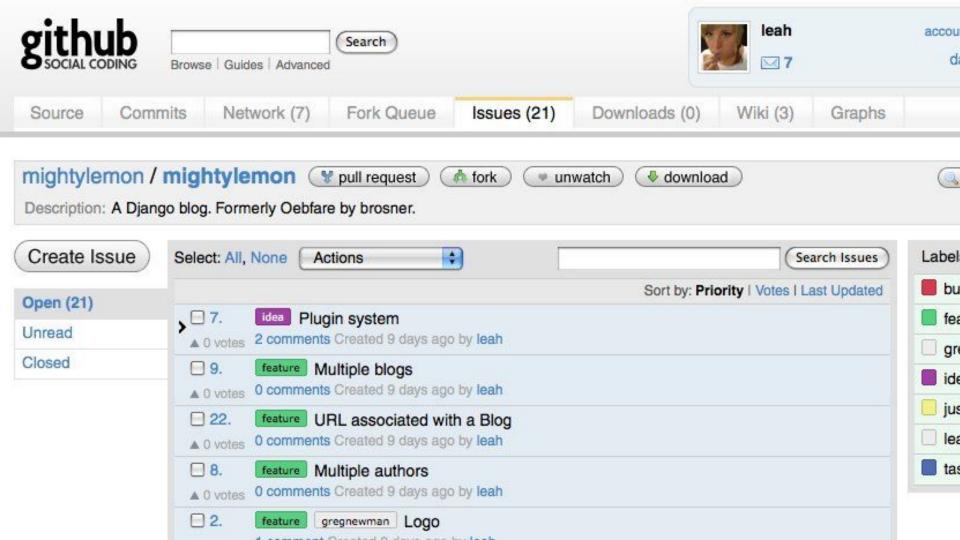


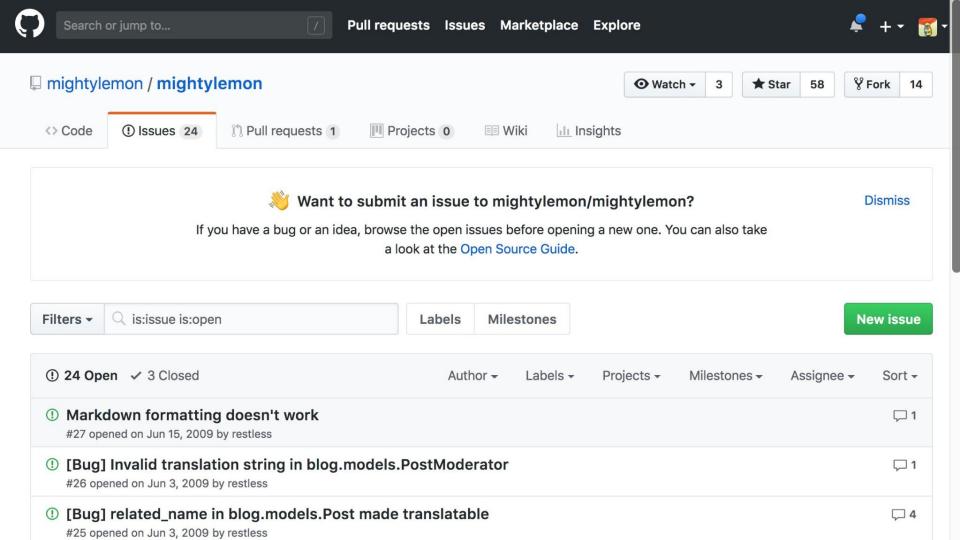


1981 1983 1985 1988 1989 1990 1995 1997 2002



2003 2007 2009 2013 2017 2021 2023 2024









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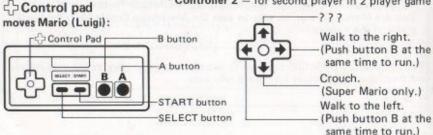
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### SAMEXPLAIN



## (Nintendo<sup>®</sup>) POWER





# 10 Things that Super Mario Taught me about Platform Engineering

- 1. Save Them from Jumping into Cliffs
- 2. Start Easy, Then Expose the Complexity
- 3. Repeatable Patterns let you build a Strong Foundation
- 4. Have a Clear Win After the Big Boss
- 5. Ship a Sequel so you build a Following
- 6. Let Princess Peach Save You From Time to Time
- 7. Give your Players Shortcuts
- 8. Have your Nintendo Power Hotline Available
- 9. Everyone Should Have Fun
- 10. If you die, restart!

### PROMPT GUIDE

5 PILLARS EVERY PROMPT NEEDS FOR PRODUCTION-READY RESULTS





