GETTING HOOKED INTO REACT (WITH REACT HOOKS)

REACT CLUJ

ROBERT POP

ROBIPOP.IO

WHAT ARE HOOKS ?

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hooks

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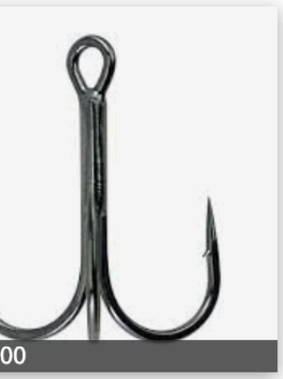
fish | latch | eye | wall | screw | ladder | pirate | worm | chain | prosthet



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y® Fusion19™ Trebl…

-fishing.com

Gorilla Light – Owner Hooks

ownerhooks.com

Berkley® Fusion19™ Circl…

berkley-fishing.com

Mutu Hybrid – Owner Hooks

ownerhooks.com

Brass-Plated Cup Hook-80…

homedepot.com

Marble & Gold Hooks S

target.com

W 160379 7/8" Cup Hook…

n.com

Redwing Tackle Blackbird Sabr…

fishusa.com

Hardware Solutions Snap Hook…

screwfix.com

STENSTORP Double hook Silv…

ikea.com

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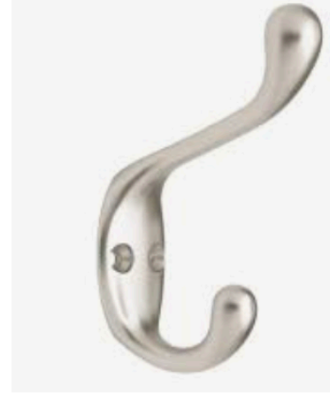
containerstore.com



Matte Nickel Heavy Duty C

homedepot.com

Nickel Single Wall Hook…

epot.com

Acadia S Hooks Brass | USA…

quiettownhome.com

Arrow Magnetic Hooks, 4-Pa…

walmart.com

27" Hook Rack With Flared Tr…

target.com

Bar Face Purse & Coat Hook …

kegworks.com

2 POINT HOOKS STAINLESS STE

scobiesdirect.com

REACT HOOKS

IT'S HARD TO REUSE STATEFUL LOGIC BETWEEN COMPONENTS

COMPLEX COMPONENTS BECOME HARD TO UNDERSTAND

CLASSES CONFUSE BOTH PEOPLE AND MACHINES

HOOKS ALLOW YOU TO REUSE STATEFUL LOGIC WITHOUT CHANGING YOUR COMPONENT HIERARCHY.

https://reactjs.org/docs/hooks-intro.html#its-hard-to-reuse-stateful-logic-between-components

HOOKS LET YOU SPLIT ONE COMPONENT INTO SMALLER FUNCTIONS BASED ON WHAT PIECES ARE RELATED (SUCH AS SETTING UP A SUBSCRIPTION OR FETCHING DATA)

https://reactjs.org/docs/hooks-intro.html#complex-components-become-hard-to-understand

HOOKS LET YOU USE MORE OF REACT'S FEATURES WITHOUT CLASSES. CONCEPTUALLY, REACT COMPONENTS HAVE ALWAYS BEEN CLOSER TO FUNCTIONS.

HOOKS EMBRACE FUNCTIONS, BUT WITHOUT SACRIFICING THE PRACTICAL SPIRIT OF REACT.

useState

https://reactjs.org/docs/hooks-state.html

useEffect

https://reactjs.org/docs/hooks-effect.html

RULES

https://reactjs.org/docs/hooks-rules.html

ONLY CALL HOOKS AT THE TOP LEVEL
DON'T CALL HOOKS INSIDE LOOPS, CONDITIONS, OR NESTED FUNCTIONS.

ONLY CALL HOOKS FROM REACT FUNCTIONS

WE CAN BUILD OUR OWN HOOKS

https://github.com/kitze/react-hanger

FOR EXAMPLE: HOVER

https://github.com/Lizhooh/react-hooks-use-hover

BUILT-IN HOOKS

https://reactjs.org/docs/hooks-reference.html

SO TO RECAP . . .

"WE DON'T RECOMMEND REWRITING YOUR EXISTING COMPONENTS OVERNIGHT BUT YOU CAN START USING HOOKS IN THE NEW ONES IF YOU'D LIKE."

useState, useEffect,
useReducer, useLayout . . .

BEFORE BUILDING A HOOK OR AFTER

https://nikgraf.github.io/react-hooks/

ANNOUNCEMENT