

LWC Gotchas

Training Content

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Contents

Course Summary

- 1 Introduction to Decorators
- 2 Lifecycle Hooks
- 3 Call Apex
- 4 Avoid Recursion
- 5 Metadata File Explanation
- 6 Share Code
- 7 Check User Permission
- 8 Common Utilities

Introduction to Decorators

Decorators in Lightning Web Component(LWC)

@api: To expose a public property, decorate it with @api. Public properties define the API for a component. An owner component that uses the component in its markup can access the component's public properties. Public properties are reactive. If the value of reactive property changes, the component's template rerenders any content that references the property.

@track: To track a private property's value and rerender a component when it changes, decorate the property with @track. Tracked properties are also called private reactive properties.

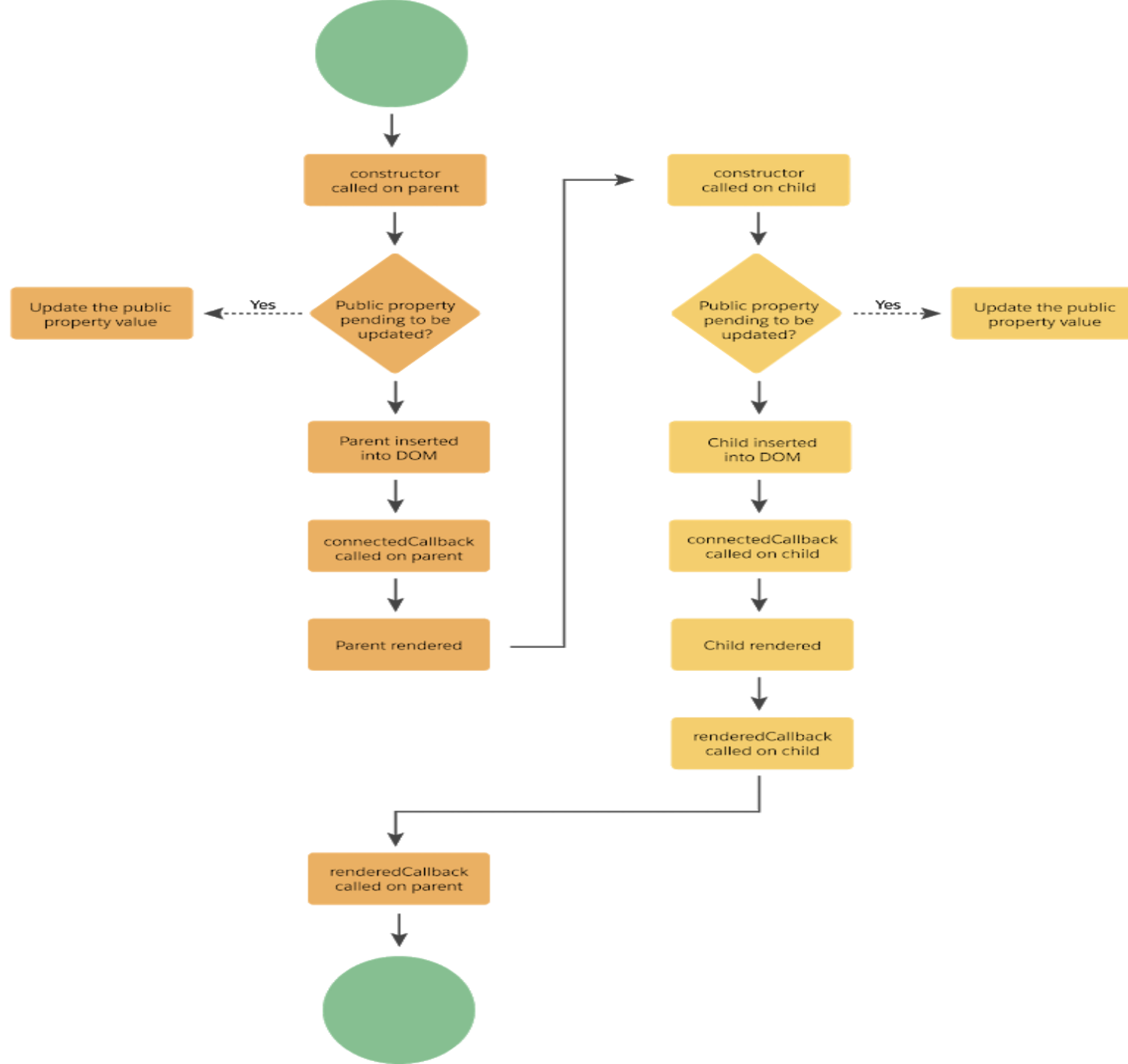
@wire: To read Salesforce data, Lightning web components use a reactive wire service. When the wire service provisions data, the component rerenders. Components use @wire in their JavaScript class to specify a wire adaptor or an Apex method.

Lifecycle Hooks

Lifecycle Hooks

A lifecycle hook is a callback method triggered at a specific phase of a component instance's lifecycle.

- constructor()** – When the web component is created
- connectedCallback()** – When any element is inserted in DOM
- disconnectedCallback()** – When any element is removed from DOM. Flows from parent to child
- render()** – Dynamically create components. Must return valid HTML template
- renderedCallback()** – When any element is rendered. Flows from child to parent
- errorCallback(error, stack)** – When there is any error in tree hierarchy



Parent removed from DOM



disconnectedCallback
called on parent



Child removed from DOM



disconnectedCallback
called on child

Call Apex

There are two ways to call Apex method from Lightning Web Component:

- Call apex method using wire services.
By setting the reactive property to the wire method
- Call apex method imperatively.
Called on demand

Avoid Recursion

Metadata File Explanation

Configuration Tags

- apiVersion
- description
- isExposed
- masterLabel
- targets
- targetConfigs

Share Code

Check User Permissions

Common Utilities

Thank You

