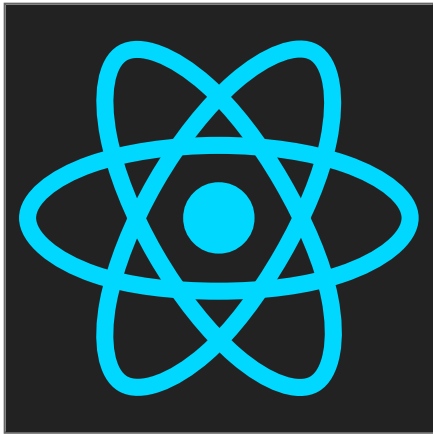# REACT

A JAVASCRIPT LIBRARY FOR BUILDING USER INTERFACES

FEATURE

VIRTUAL DOM

JSX
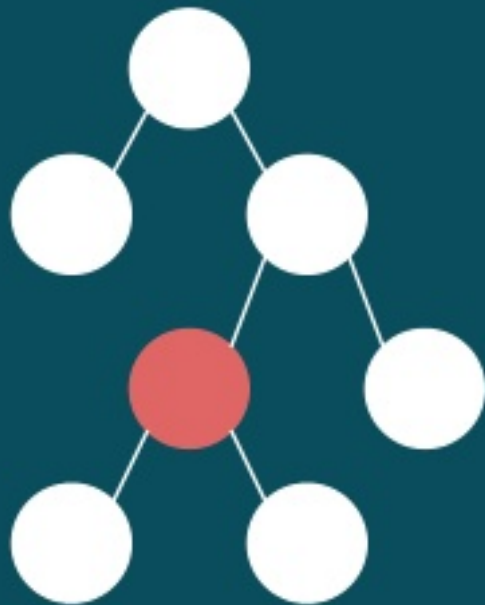
COMPONET

VIRTUAL DOM

DOM TREE

MANIPULATE DOM

COST HIGH

VDOM

JSX

JSX IS A JAVASCRIPT SYNTAX EXTENSION THAT LOOKS SIMILAR TO XML

WHICH ONE IS MORE READABLE

```
    React.createElement(AppCanvas, {predefinedLayout: 1},
      React.createElement(AppBar, {
        className: "mui-dark-theme",
        onMenuIconButtonTouchTap: this.handleOver,
        title: title,
        zDepth: 2}),
      React.createElement(LeftNav, {
        ref: "leftNav",
        docked: false,
        menuItems: menuItems}),

    React.createElement("div", null,
      React.createElement("div", {className: "row"},
        React.createElement(Paper, {zDepth: 5, rounded: false},
          React.createElement("h1", null, "myapp"),

          React.createElement(RaisedButton, {
            label: "push",
            primary: true,
            secondary: true,
            onTouchTap: this.handleClick}),

          React.createElement("div", null, "Times: ",
this.state.pushCount, " "),
          React.createElement(RaisedButton, {
            label: "Primary",
            primary: true,
            onMouseOver: this.handleOver})

        )|
      )
    )
  )
```

```jsx
<AppCanvas predefinedLayout={1}>
  <AppBar
    className="mui-dark-theme"
    onMenuIconButtonTouchTap={this.handleOver}
    title={title}
    zDepth={2} />
    <LeftNav
      ref="leftNav"
      docked={false}
      menuItems={menuItems}/>

  <div>
    <div className="row">
      <Paper zDepth={5} rounded={false}>
        <h1>myapp</h1>

        <RaisedButton
          label="push"
          primary={true}
          secondary={true}
          onTouchTap={this.handleClick} />

        <div>Times: {this.state.pushCount} </div>
        <RaisedButton
          label="Primary"
          primary={true}
          onMouseOver={this.handleOver} />

      </Paper>
    </div>
  </div>
</AppCanvas>
```

COMPONET

COMPOSABILITY

值班

Duty
值班記錄系統

Libman
系計中資源管理系統

Room
電腦教室預約系統

Door
門禁管理系統

EC Door
工三門禁管理 (IE Only)

MSDN
MSDN

Account System
自動開帳號暨帳號轉換系統

Help
Help.cs

Colocation
主機代管系統

NewTV
工三大廳電漿電視顯示系統

Cchonor
系計中形象網站

General

Jobs
工作回報系統

ReviewBoard
程式檢視系統

Meetings
會議系統

Wiki
CSCC wiki

Schedule
系計中排班系統

Bugzilla
錯誤回報系統

UserDB
交大資工通訊資料查詢系統

Dinbendon
訂便當系統

CoreGit
Git系統

Piwik
Piwik Analytics

NET

InforSecurity
資安事件通報系統

Net
系計中網路組服務系統

Vpn
CS VPN

Cacti
Cacti

Ban Mac
Ban Mac

PA
Paloalto Network

cscc Portal 輸入系統縮寫直接前往 GO   wnlee ▾

值班

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Ban Mac

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Paloalto Network

EXAMPLE RENDER

```
<div>
    <HEADER />
    <Container>
        <LinkList>
            <LinkItem />
            <LinkItem />
            <LinkItem />
        </LinkList>
    </Container>
</div>
```

START PRATICE

RESOURCE

[React.rocks](#)

[react-components](#)

[awesome-react](#)