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React.js open classroom pdf

JavaScript Library for building user interfaces ReactOriginal author(s)Jordan WalkeDeveloper(s)Facebook and communityInitial releaseMay 29, 2013; 7 years ago (2013-05-29)[1]Stable release17.0.0 / October 20, 2020; 1 day ago (2020-10-20)[2] RepositoryReact RepositoryWritten inJavaScriptPlatformWeb platformTypeJavaScript libraryLicenseMIT LicenseWebsitereactjs.org React (also known as React.js or React.js or React.js or React.js or React.js or React.js or React is only concerned about converting data to DOM, so creating React apps usually requires additional libraries to be used for space management and routing. [7] [8] Redux[9] and React Router[10] are example of react in HTML with JSX and JavaScript. 1 <div id=myReactApp></div> 2 3 <script type=text/babel> 4 function Greeter(props) { 5 return <h1>{props.greeting}</h1> 6 } 7 var App = <Greeter greeting=Hello World! />; 8 ReactDOM.render(App, document.getElementById('myReactApp')); 9 </script> Greeting function is a React component that accepts a property is set to Hello World!. The ReactDOM.render method then renders the Greeter component inside the DOM element using id myReactApp tin the browser, the result < div id=myReactApp tin the browser, the result < div id=myReactApp tin the React DOM library. When rendering a components, values called props[11] can be passed: ReactDOM.render(<Greeter greeting=Hello World!></Greeter greeting=Hello World!></ function that returns some JSX. const Greeting = (props) = > <div> Hello, {props.name}! </div>; Category-based component { state = { color: 'green' }; render() { return (<ChildComponent color={this.state.color} > </ChildComponent > } } } A virtual DOM Another notable feature is the use of a virtual document object model or virtual DOM. [12]. This process is called This allows the programmer to write code as if the whole page were whereas React libraries only render sub-arguments that really change. This selective rendering gives significant performance. It saves css style recalculation, page layout, and rendering for the entire page. Lifecycle methods Life cycle methods Life cycle methods use a hook shape that allows code to be run at serial points during the component by resetting to untrue if rendering does not have to. componentDidMount is called when the component is installed (the component is created in the interface, often by attaching it to a DOM node). This is commonly used to start downloading data from a remote source through an API. Component willUnmount is called just before tearing down or removed when the component is removed (for example, by removing all setInterval() instances associated with the component or eventListener rendering specified for the document due to component presence is the most important lifecycle method and the only method appear in the interface. JSX JSX, or JavaScript XML, is a JavaScript syntax extension. [13] Similar in appearance to HTML, JSX provides a way to parse components rendering with syntax familiar to many developers. React components are usually written with JSX, although they do not have to be (the components can also be written using pure JavaScript). JSX is similar to another extension syntax created by Facebook for a PHP called XHP. Example of JSX code: 1-class application expands React.Component { 2 render() { 3 return (4 </p> 7 <p> Footer</p> 6 <p>Footer</p> 9); 10 } 11 } Nested elements Multiple elements of the same level must be wrapped in a single container element, such as <div> or restored as array. [14] Attributes JSX contains several element attributes designed according to html attributes as props. JavaScript expressions (but no expressions) can be used in JSX, with curved square brackets {}: <h1>{10+1}</h1> The above example renders <h1>11</h1> Conditional expressions (i === 1 ? 'true' : 'false' } in 'true' because i is equal to 1. 1 class application expands React. Component { 2 render() { 3 const i = 1; 4 return 5 <div> 6 <h1>{ i === 1? totta : epätosi }</h1> 7 | </div> 8); </div> </div> </div> </div> \$10 } Outlines above: <div> Functions and JSX can be used in criteria: 1 class application expands React. Component { 2 render() { 3 cont component { 2 render() { 3 cont component { 2 render() { 3 cont component } = [1, 2, 3]; 4 returns (5 <div> 6 { sections.length > 0 & amp; &extions.map(n = > (7 /* 'key' uses react to keep track of list items and their changes */ 8 /* Each 'key' must be unique */ 9 <div > 4 pisode</div> 4 pisode</div> 10))} 11 </l) div> 12); 13 } 14 } The above renders: <div> 4 pisode</div> 4 understand it. [16] This processing usually takes place during the software build process before the application is deployed. Outside of HTML, architecture React's basic architecture applies not only to HTML rendering, but also to the browser. For example, Facebook has dynamic & translation is deployed. Outside of HTML, architecture applies not only to HTML rendering, but also to the browser. For example, Facebook has dynamic & translation is deployed. Outside of HTML, architecture applies not only to HTML rendering, but also to the browser. For example, Facebook has dynamic & translation is deployed. render identical HTML on both the server and the customer. [18] [19] React hooks Hooks are functions that allow developers to hook react mode and lifecycle features from function components. [20] They make the code readable and easy to understand. Hooks don't work in classes – they allow you to use React without hours. [21] React offers a few built-in hooks, such as useState,[22] useContext, useReducer, and useEffect[23]. They're all mentioned in hooks' API references. [24] useState and useEffect, which are most widely used, are in react components for state control and side effects. Rules for hooks There are also rules for hooks[25] that must be followed before they can be used. Hooks may only be called at the top level (not with innation loops or sentences). Hooks should only be called from react function components, not from normal functions or class components Custom Hook is a JavaScript function whose name starts to be used and that can call other hooks. The rules of the hooks also apply to them, that is, custom hooks must be written according to the rules implemented by React, or else there is a great chance to break the code integrity check the following link to learn the rules for creating custom hooks. Common idioms React does not include many tools that some developers may consider necessary to build the application. This allows you to choose which the developer wants to perform tasks, such as using a network or storing local data. As the library matures, common uses have emerged. Use flux architecture Using react concept </canvas> </canvas> (which may conflict with AngularJS bidirectional flow) Flux architecture is an alternative to the popular model view controller architecture. Flux operations sent through a central sender to the store, and store changes are forwarded back to view. [27] When this propagation is used with React, it is done using component under flux architecture must not directly change the props passed to it, but is transmitted by callback functions that create functions that describes one user following another can contain a user ID, a target user ID, and USER_FOLLOWED_ANOTHER_USER. [29] Stores that can be considered models can change themselves in response to actions received from the sender. This pattern is sometimes expressed with features flowing down, functions flowing upwards. Many of Flux's implementations have been created since its inception, perhaps the most famous being Redux, which has one store, often called one source of truth. [30] The status of the future development project can be monitored through the core team discussion forum. [31] However, major changes to React go through Future of React community to provide feedback on new potential features, experimental APIs, and JavaScript syntax improvements. History React was created by Facebook software engineer Jordan Walke, who released an early prototype of React called FaxJS. [34] [35] He was inspired by the PHP HTML Component Library XHP. It was open at JSConf US in May 2013. [35] React Native, which enables native Android, iOS, and UWP development with React, was announced on Facebook's React Conf in February 2015 and open source march 2015. On April 18, 2017, Facebook announced React Fiber, a react library for building user interfaces for a new core algorithm. [37] React Fiber was to become the basis for the future improvements and feature development of react library. [38] [needs update] React 16.0 was released to the public on September 26, 2017. [39] React 16.2.2019 release to the public. [40] React to the public. [41] On August 10, 2020, the React team announced the first release date of version changes 0.3.0 29.5.2013 First public release 0.4.0 20.7.2013 Comment node support <div>{/* */}</div>(/* */}</div>Improves API Rendering, Deleted React.autoBind, Key Prop Support, Form Improvements, Fixed Errors. 0.5.0 20.10.2013 Improve memory usage, Support for mixins, Added React.version, and React.isValidClass, Enhanced compatibility for Windows. 0.8.0 20.12.2013 Added support for & samp; cols, defer & amp; async, loop for & t; audio & gt; & and boxes, seamless and srcDoc attributes. Added aid for crossOrigin, download and hrefLang, media Group and muted, sandboxes, seamless and srcDoc attributes, scope attributes, added anything, arrayOf, component, oneOfType, renders, format React.PropTypes, Added support for onLoad and onError & tributes, added support for onLoad and onError & tributes, and textAnchor \$apply attributes, and update function for unchanged attributes, Ensure that not all empty elements add a close tag. command, Added namespace support, Added new transformWithDetails API, contains prebuilt packages dist/, MyComponent() now returns the graph, not the instance., classID, manifesto HTML attributes, React.addons.batchedUpdates added API, @jsx React.DOM no longer needed, Fixed issues with CSS migrations. 0.13.0 10.3.2015 Outdated patterns, who warned in 0.12 no longer working, ref resolution order has changed, Deleted Features this._pendingState and this._rootNodeID, Support ES6 Classes, Added API ReactDOMNode(Component), Iterators and Unchanged JS Sequences, Added New Features React.addons.createFragment, obsolete React.addons.classSet. 0.14.1 October 29, 2015 Added support for srcLang, default attributes, kind attributes, kind attributes, kind attributes, and color attribute, Verified Old .props access to DOM nodes, Fixed scryRenderedDOMComponentsWithClass, Added react-dom.js. 15.0.0 April 07, 2016 The original rendering now uses document.createElement instead of creating HTML, no longer extra s, Enhanced SVG support, ReactPerf.getLastMeasurements() is opaque, New violations enabled with warning, Fixed multiple small memory leaks, React DOM now supports citation and profile HTML attributes and cssFloat, gridRow, and gridColumn CSS features. Correct regression, Remove Mail Merge Utility Access, </source> </source> < Add React.PureComponent, Fix Nested Server Rendering Problem, Add Xmlns, xmlnsXlink Supports SVG Attributes and Refers to Html Attributes, Updates React Perf Add-on, Fixed issue with reference number 15.3.1 19 Aug 2016 Improved performance of development versions, Cleaning internal hooks, Update fbjs, Improving React startup time, Fix memory leak in server rendering, Fix React Test Renderer, Convert TrackedTouchCount invariant to console.error. 15.4.0 November 16, 2016 React package and browser build no longer include React DOM, Improved development performance, Fixed occasional test failures, update batchedUpdates API, React Perf, and ReactTestRenderer.create(). 15.4.1 November 23, 2016 Variable configuration of reorganization, Fixed transaction processing, Fixed compatibility of browser build with AMD environments. 15.4.2 06.1.2017 Fixed build issues, added missing packet dependencies, improved error messages. May 15, 07/2017 Added react-dom/test-utils, Deleted Peer Pendants, Fixed issue with closing compiler, added deprecation warning for React.createClass and React.PropTypes, Corrected Chrome error. 15.5.4 11.4.2017 Fix compatibility with enzyme by exposing the batch update to a low renderer, Update the version of prop types, Fix re react-addons-create-fragment package to include loose-envify conversion. 15.6.0 13.6.2017 Add support for CSS variables in style attribute and grid-style features, Fix AMD support for add-ons according to response, Remove unnecessary dependency, Add deprecation warning for React. DOM allows the transmission of non-standard attributes, Minor changes that determine the State behavior, remove react-with-addons. js build, Add React.createClass as create-react-class, React.PropTypes prop-types, React.DOM react-dom factories, changes to scheduling behavior and lifecycle methods. 16.1.0 9.11.2017 Termination of Bower releases, Fix accidental additional global variable in UMD builds, RepairMouseEnter and onMouseLeave shooting, Fix placeholder, Delete <textarea> unused code, Add missing package.json dependency, Add react devtools support. 16.3.0 29.3.2018 Add a new officially supported context API, Add a new package fromEd to an infinite loop when you try to render portals using SSR, fix problem with this.state, Fix IE/Edge issue. 16.3.1 03.4.2018 Prefix private API, Fix performance regression and error processing errors in development mode, Add peer dependency, Correct false positive warning in IE11 fragment 3.2 April 16, 2018 Fix IE Crash, Fix Headers in User Timing Measurements, Add UMD Build, Improve unstable_observedBits API Performance with Nesting., Add Opportunity </textarea> </textarea> PropTypes, Fix Reading Context, Fix GetDerivedStateFromProps() Support, Fix TestInstance.parent Crash, Add React.unstable_Profiler Component to Performance Measurement, Change Internal Event Names. 16.5.0 05.9.2018 Add onAuxClick event to browses, Add movementY fields to mouse events, Add tangentialPressure and twist fields to pointing event. 6/16/0/23/10/2018 Add support for contextType, Support priority levels, after-parties, and packaged callbacks, Improve backup mechanism, Fix gray overlay in iOS Safari, Add React.lazy() for code and components. 16.7.0 20 December 2018 Fix React.lazy file performance for lazily downloaded components, Remove fields to avoid memory leaks, Fix error with SSR, Fix performance regression. 16.8.0 06 February 2019 More hooks, More ReactTestUtils.act() for due dates, Support synchronous ignitions transmitted to React.lazy(), Improve useReducer Hook lazy format API. 16.8.6 27 Mar 2019 Fix invalid rescue package enabledReducer(), Fix iframe warnings in Safari DevTools, warn if contextType is set to Context.Consumer instead of context, warn if context, warn if contextType is set to invalid values. 16.9.0 9.8.2019 Add <React.Profiler> API to programmatically collect performance measurements. Remove unstable_ConcurrentMode 16.unstable_ConcurrentMode 16.un hydrate so we don't hydrate incorrectly during the upgrade. Clear additional fiber fields to save memory during erasing. Fix bug in firefox required text fields. Use Object is instead of if it's available. Fix the error while mixing tension and error handling. 16.10.1 28 September 2019 Correct regression in Next.js applications by allowing tension mispronanced during hydration to proceed quietly on 16 October 2 3.10. 2019 Correct regression react-native web by restoring the order of arguments event extension extraction machines 16.11.0 22.10.2019 Fix mousetutter handlers from firing twice inside nested React tanks. Remove unstable createRoot and unstable createSyncRoot apis. (These are available on the Experimental channel as createRoot and createSyncRoot.) 16.12.0 14.11.2019 React DOM - Fix passive effects (useEffect) not fired in a multi-root app. React Is - Fix lazy and memo types considered elements and components 16.13.0 26 February 2020 Features features features features added in React Concurrent mode. Correct regressions in the React Core Library and React Dom. 16.13.1 19 March 2020 Fix fault in old mode Tension. Reset Warning updates over components that occur in the life cycle of class rendering organs on 16.14.0 14.10.2020 Add support to the new JSX conversions. Add the new JSX Transform, Changes to event delegation licensing React's first public release in May 2013 used Apache License 2.0. In October 2014, React 0.12.0 replaced this 3-clause with a BSD license and added a separate PATENTS text file, Which allows the use of Software-related Facebook patents: [43] The license granted on this basis automatically and without prior notice to anyone who makes (including a lawsuit, claim or other action) concerning (a) a direct, indirect or contributing infringement or temptation to infringe a patent: (i) any party, if such claim is due in whole or in part to software, product or services of Facebook or its subsidiaries or affiliates, whether or not such claim is related to the Software or (iii) under any party associated with the Software; or (b) that any right to Facebook's patent claim is invalid or unending. This unusual clause caused some controversy and discussion in the React user community because it can be interpreted as authorizing Facebook to revoke the license in many scenarios, for example, if Facebook sues the licensee, urging them to take other action by posting the action on a blog or elsewhere. Many expressed concern that Facebook could unfairly take advantage of the termination clause or that integrating React into the product could complicate the start-up's upcoming acquisition. [44] Based on community feedback, Facebook updated the patent grant in April 2015 to be less ambigative and permissive:[45] The license granted on this basis expires automatically and without prior notice, if you (or one of your subsidiaries or intermediaries) initiate, directly or indirectly, or take a direct financial interest in a patent claim: (i) facebook or its subsidiaries or subsidiaries or subsidiaries, (ii) any shareholder, if such patent claim is based in whole or in part on software from Facebook or its subsidiaries or affiliates; technology, product or service, or (iii) a shareholder related to the software, [...] A patent claim or counterclaim or counterclaim, [46] The Apache Software Foundation considered that this licensing arrangement is incompatible with its licensee, which violates our Apache case law to be a public donor, and is not a subset of [Apache License 2.0] and cannot be sublicensed. sub-license 2.0]. [47] In August 2017, Facebook dismissed concerns about further processing by the Apache Foundation and refused to reconsider its license. [48] [49] The following month WordPress decided to move its Gutenberg and Calypso projects away from React. [50] Facebook announced on September 23, 2017 that the following week it will re-license Flow, Jost, React and Immutable. is under a standard MIT license. The company stated that React was the foundation of an extensive ecosystem of open source software online and did not want to hold back development for non-technical reasons. [51] React 16.0.0 was released on September 26, 2017 under an MIT license. [52] The MIT license change has also been backed up to the 15.x release line with React 15.6.2. [53] See also React Native Angular JS Angular Backbone. js Ember. js Svelte Vue. js Comparison of JavaScript Libraries Web Components References A Occhino, Tom; Walke and Jordan. JS apps on Facebook. Youtube. Retrieved 7 April 2018. A Foil, Paul (May 15, 2014). React: Make a faster and smoother YI for data-driven web applications. Infoworld. A Hemel, Zef (June 3, 2013). Facebook's React JavaScript and how it led to ReactJS. New pile. Dere, Mohan (2018-02-19). How to integrate create create create create app with all the libraries you need to create a great app. freeCodeCamp. Retrieved 2018-06-14. ^ Samp, Jon (2018-01-13). Reactive router for Redux First Router. Codekad. Retrieved 2019-10-23. ^ React Router: Informative routing for react. ReactRouterWebsite website. Retrieved 2019-10-23. ^ Components and props. React. Facebook, Retrieved 7 April 2018, A Refs and DOM. React blog, A Clark, Andrew (September 26, 2017), React v16.0§Support for custom DOM attributes. React blog, A Fischer, Ludovico (2017-09-06). React for Real: Front-End Code, Unresolved. Pragmatic bookshelf. ISBN 9781680504484. "Why are we building React? - React Blog. "PayPal isomorphic reaction. Archived from the original 2019-08-08. "What the hell is React Hooks?. Soshace, what are you? 2020-01-16. Retrieved 2020-01-24. \ Use of State Hook - reacts. reactjs.org. Referenced 2020-01-24. \ Building your own hooks - reacts. reactjs.org. Referenced 2020-01-24. \ Building your own hooks - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. reactjs.org. Referenced 2020-01-24. \ Description of the effect hook - reacts. \ Des Flux. Facebook. Retrieved 7 April 2018. Johnson and Nicholas. Introduction flux - React Exercise. Nicholas Johnson. Retrieved 7 April 2018. Abramov, Dan. A history of reaction and change with Dan Abramov, Dan. A history of reaction and change with Dan Abramov, Dan. A history of reaction and Nicholas. Introduction flux - React Exercise. Nicholas Johnson and Nicholas Introduction flux - React Exercise. Nicholas Johnson and Nicholas Johnson and Nicholas Johnson and Nicholas Introduction flux - React Exercise. Nicholas Johnson and N conversation. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ facebook/react - Feature request issues. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. Retrieved 2015-12-13. ^ reactjs/react-future - The future of React. Github. 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Retrieved 2017-08-18. ^ Consider relicenseing al v2.0, as RocksDB has just done. Github. Retrieved 2017-08-18. NordPress rejects React library due to risk of Facebook code. 2017-09-23. Clark, Andrew (September 26, 2017). React v16.0 §MIT licensed. React blog. Hunzaker, Nathan (September 2017-09-23. Nathan (September 2017-09-23. Nathan (September 2017-09-16. Nathan (Sep 25, 2017). Reacts v15.6.2. React blog. External links Free and open source software portal Official website Retrieved from

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