## React.js cheatsheet

React is a JavaScript library for building user interfaces. This gu	side targets React +15 to +16.		
Components	Properties		States
Import Reaction from 'react' Import Reaction from 'react-dom'	reider () ( this props fullscree	.,	this.setState(( username: 'rstacruz' ))  render () ( this.state.sername
class Wello extends React.Component {   render () {     return 'div classWame-'message-box'-     wello (this props mame)     */div*			
)	Use this preps to access component.	properties passed to the	Use states (thus, state) to manage dynamic data.
oomst el = document.body ReactDDM.render(=Hello mame="John" />, e2)	Children		Nesting
Use the Reactjs jeffddle to start hacking, (or the unofficial jsbird	-Alerticu- -hi/You have pending -/Alerticu-	g metifications (ht)	class Info extends React.Component {     render () {     const { wester, username } = this.props
			return rdisco return rdisco reservatar src-(avatar) /> reservatar src-(avatar) /> return rdisco return rdisco rd
	class Alerthox estends render () { return odiv class (this props chil <td>Numer "allert-box"&gt;</td> <td><pre></pre> <pre></pre> <pre></pre> <pre> </pre> <pre> <pre> </pre> <pre> <pre> </pre> <pre>  <pre>  <pre> </pre> <pre> </pre> <pre> </pre> <pre> </pre></pre></pre></pre></pre></td>	Numer "allert-box">	<pre></pre> <pre></pre> <pre></pre> <pre> </pre> <pre> <pre> </pre> <pre> <pre> </pre> <pre>  <pre>  <pre> </pre> <pre> </pre> <pre> </pre> <pre> </pre></pre></pre></pre></pre>
	) )		Nest components to separate concerns.
	Children are passed as the	children property.	
Defaults			
Setting default props		Setting default state	
Hello defaultProps = { color 'blue'		class Hello extends E constructor (props)	wart.Component { ( ( sible: true )
	this state = ( x		sible: true }
		Set the default state in the	constructor().
Other components			
Function components	Pure components		Component API
function HyComponent ({ name }) ( return odiv classiane='message-box'> Hello (name) 	class MessageDox enter	nds React PureComponent (	this.forceUpdate()
	Performance-optimized ve	rsion of React. Cosponent.	this.setState(( )) this.state
Functional components have no state. Also, their progra are passed as the first parameter to a function.	Doesn't revender if propsylt	rate harn't changed.	this props  These methods and properties are available for
			Cosponent instances.
Lifecycle			
Mounting organization (most)	Sefore rendering #	Updating consent/Ullface(vel	raps (newProps) Use setState() he
componentNillPount()	Don't use this #	shouldComponentOpdate	(newProps, nexClass) Skips nender () if neturns fall
	Render # r rendering (DOM available) #	componentHillipdate()	ovProps, nevState() he Rend
componentWillUnmount() componentSidGatch()	Sefore DOM removal #  Catch errors (16+) #	compenentDisklipdate (pvi Called when parents chan	oPrope, predicate] Operate on the DOM he pp properties and .setState(). These are not called for initia
Set initial the state on constructor(). Add DOM event har cosponent(i). (Mount (), then remove them on cosponent(ii).	edies, times (etc) on (110mount()).	renders.	
DOM nodes			
References		DOM Events	
class Mycomponent extends React Component ( render () { render () { return oddo- sumput ref-(el == thim.imput = el) /= coffico }		class MyComponent ext render () {	ends React Component (
(400)		oncharge-(eve	et to true oncrange (event)) to
componentDidMount () {    this.Imput focus()   } }		this setitate(( w	alue: event target walue ))
Allows access to DOM nodes.		Pass functions to attribute	s like sectiongs.
Other features			
Transferring props		Top-level API	
<pre>videePlayer src="video.mp4" /&gt;</pre>		React.orestellass(( - React.is/alidElement)	)) e)
class VideoPlayer extends Meact Component ( render () { return = VideoExhod (this.graps) />		React30M.render( <component></component> , domnode, [callback]) React30M.ummuntComponentAlMode(domnode)	
		ReactOfferver.renderToString(*Component />) ReactOfferver.renderToStaticMarkup(*Component /*)	
		ReactDOMjerver render ReactDOMjerver render	TeString( <component></component> ) TeStaticMarkup( <component></component> )
? Propagates are="" down to the sub-component.		React00/Server render React00/Server render There are more, but these	TestaticRerkup( *Coeponent />) TestaticRerkup( *Coeponent />) are most common.
? Propagates or c * * down to the sub-component.		ReacCOMerver render ReacCOMerver render There are more, but these	Telectricity (desponent: //) Telectricity (up) (desponent: //) are most common.
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