

# Using React Hooks

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START USING REACT HOOKS WITH  
USESTATE, USEEFFECT, AND USEREF



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Clear, composable, and  
declarative way.



React Hooks makes  
developing apps easier and  
with less complexity.



# What Makes React Hooks Great

Composition  
instead of  
inheritance

Best parts of mixins

Replace prop  
drilling,  
render props, HOCs



State helps build highly  
performant web apps.



# Three Commonly Used React Hooks



**useState**



**useRef**



**useEffect**



# The Course Source Code on GitHub

## github.com/pkellner/pluralsight-course-using-react-hooks

The screenshot shows the GitHub interface for the repository `pkellner / pluralsight-course-using-react-hooks`. The repository is private and has 1 Unwatch, 0 Stars, and 0 Forks. The main navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. The repository's description and website fields are visible, along with a 'Save' button. Below this, the 'Manage topics' section shows 31 commits, 3 branches, 0 releases, and the MIT license. A 'Clone or download' button is present. The current branch is `feature-earlyw...`, and a 'New pull request' button is available. The commit history shows the latest commit by `pkellner` on the `wip` branch, with a message '02-Basic-React-Hooks' and a timestamp of '3 hours ago'. Below this, a commit message '03-More-Advanced-React-Hooks' is visible, dated '2 days ago'.

pkellner / pluralsight-course-using-react-hooks Private

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Insights Settings

Description Website

Short description of this repository Website for this repository (optional) Save or Cancel

Manage topics

31 commits 3 branches 0 releases MIT

Branch: feature-earlyw... New pull request Create new file Upload files Find file Clone or download

This branch is 30 commits ahead of master. Pull request Compare

pkellner wip Latest commit 3fcfb2a 3 hours ago

02-Basic-React-Hooks wip 3 hours ago

03-More-Advanced-React-Hooks move directories 2 days ago



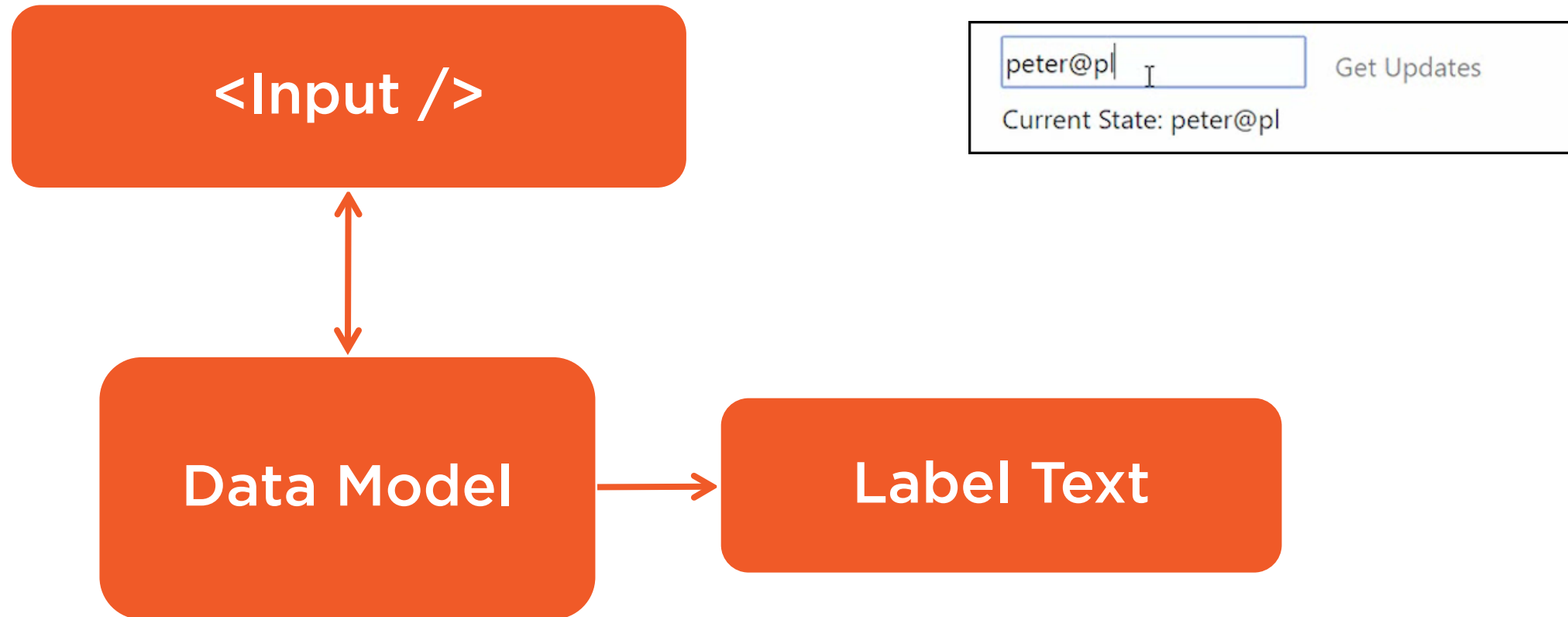


# Two-way Databinding

Get Updates  
Current State: peter@pl



# Two-way Databinding




Create a New React App – React

+

← → ↺

https://reactjs.org/docs/create-a-new-react-app.html

☆ 🔄 👤 ⋮


 **React**

[Docs](#) [Tutorial](#) [Blog](#) [Community](#)

🔍

v16.8.3

🌐 Languages

 GitHub

When you're ready to deploy to production, running `npm run build` will create an optimized build of your app in the `build` folder. You can learn more about Create React App [from its README](#) and the [User Guide](#).

## Next.js

[Next.js](#) is a popular and lightweight framework for **static and server-rendered applications** built with React. It includes **styling and routing solutions** out of the box, and assumes that you're using [Node.js](#) as the server environment.

Learn Next.js from [its official guide](#).

## Gatsby

**INSTALLATION** ^

[Getting Started](#)

[Add React to a Website](#)

**Create a New React App**

[CDN Links](#)

**MAIN CONCEPTS** v

**ADVANCED GUIDES** v

**API REFERENCE** v

**HOOKS (NEW)** v



State helps build highly  
performant web apps.



# useRef

Primarily used to allow access directly to an element in the DOM.





Side effects === bad thing.



Pure functional component  
with no side effects is also  
called “pure”.





React Hook useEffect  
causes side effects.



Adding and removing DOM  
listeners is great example



Pure component  
guarantees no side effect,  
non pure may also have  
none.

