

Lecture-17

Coding Blocks - Kartik Mathur

TodoApp

Class Agenda

01

Completing Todo

02

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03

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04

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05

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07

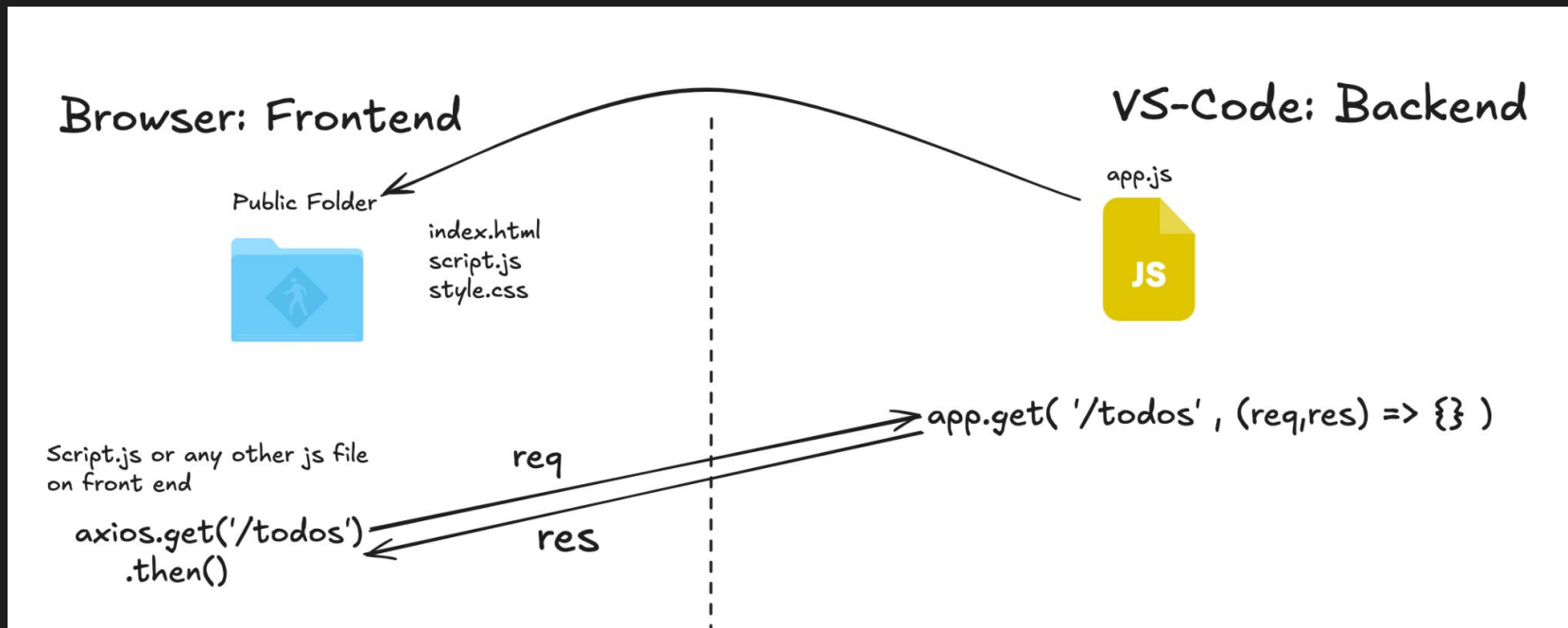
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Todo App

1



Front and Back - “END”



Middlewares

Todo APP Front END - Initial Setup

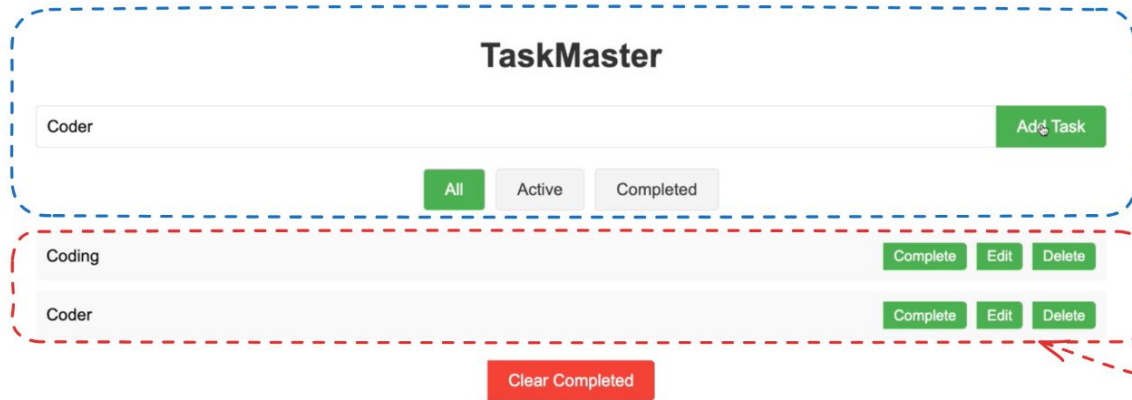
<https://gist.github.com/Kartik-Mathur/86d3440ab641090999aa2b2ef5fc7d9b>

Todo APP

Todo APP Front END - Let's write script.js now

Todo APP

Let's learn how to think?



The diagram illustrates the TaskMaster application interface. It is divided into two main sections: a top section for adding tasks and a bottom section for managing a list of tasks.

Top Section (Add Task): This section is enclosed in a blue dashed border. It features a text input field with the placeholder text "Coder" and a green "Add Task" button to its right. Below the input field are three filter buttons: "All" (highlighted in green), "Active", and "Completed".

Bottom Section (Task List): This section is enclosed in a red dashed border. It displays a list of tasks. The first task is "Coding" and the second is "Coder". Each task has three green buttons to its right: "Complete", "Edit", and "Delete". Below the task list is a red "Clear Completed" button.

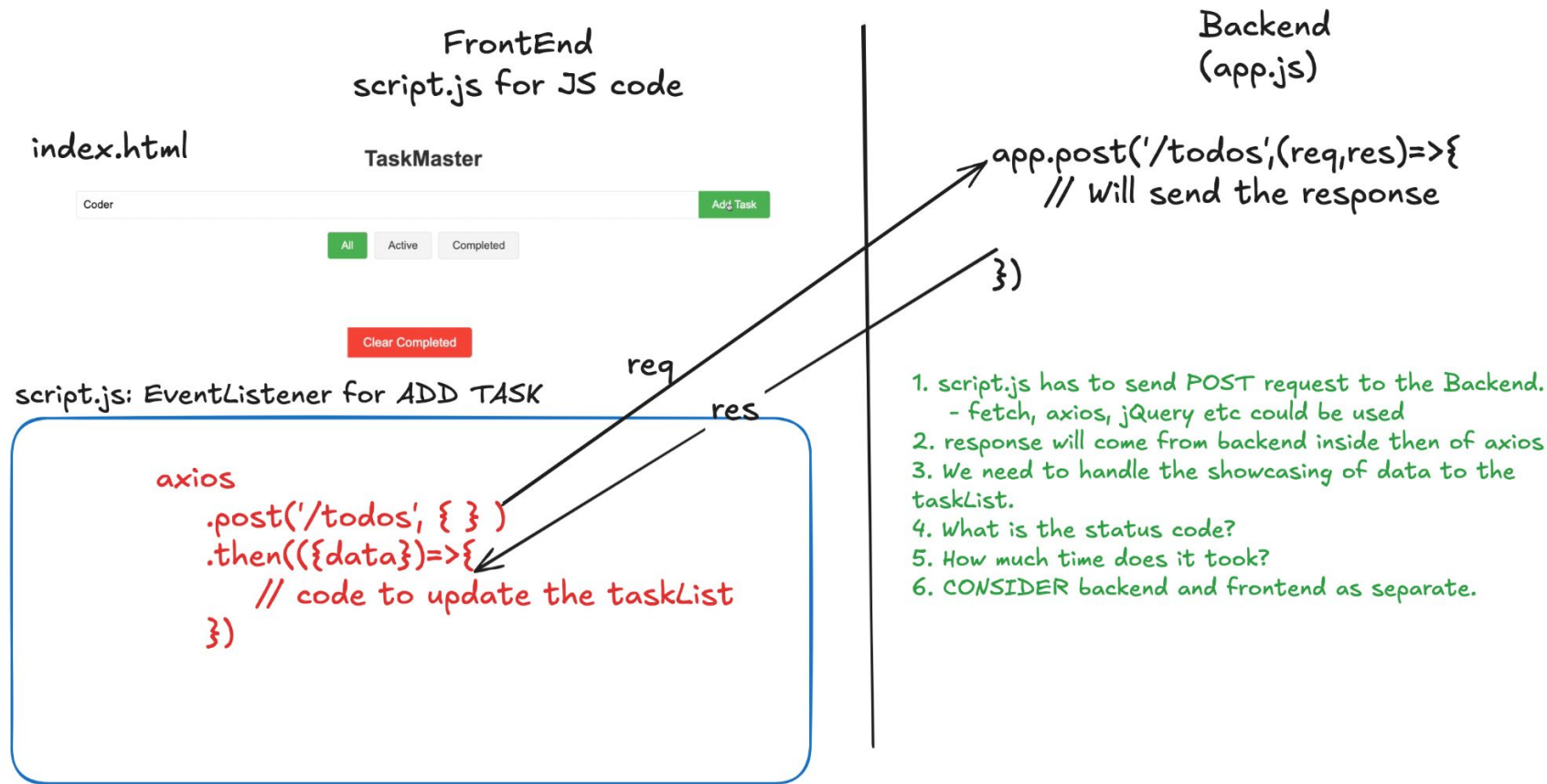
STEP - 1

onlick of button we need to
add the task from input to
taskList, via backend

1. Event Listener to do detect button press
2. Send POST request to the backend
3. Wait for the success of POST
4. Update the taskList

Todo APP

You only need to learn this 🙌



Let's learn how to think?

TaskMaster

STEP - 2

Now, there are many ways to update taskList.
Any of this button press need to update the taskList

So, its better to create a function to update the taskList

1. Provide function an array, that contains all the tasks.
2. Function should clear the existing list and add the array provided to the taskList

"Function: refreshTodos(data)"

Todo APP

You only need to learn this 🙌

Code: <https://gist.github.com/Kartik-Mathur/dca2e355814a22bdd734fe9f00e5b223>

1. EventListener code
2. Updating taskList code

Todo APP

You only need to learn this 🙌

Code: <https://gist.github.com/Kartik-Mathur/bf88bd24dcc753b67cb57465c71677be>

1. refreshTodos(): Function
 - a. Will send the request to backend and then update the taskList

Todo APP

You only need to learn this 🙌

Code: <https://gist.github.com/Kartik-Mathur/ec5804c7fb702bc8b3672921686962a8>

1. EventListener code for
 - a. Complete-button
 - b. edit-button

Todo APP

You only need to learn this 🙌

Code: <https://gist.github.com/Kartik-Mathur/6b4c0d80b2bb749cbde6fad97e9c434e>

EventListener code for

- Active/All/Completed buttons on frontend codes.

Todo APP

You only need to learn this 🙌

Code: <https://gist.github.com/Kartik-Mathur/ce1267f7d4ec1cb740d71f05ee4e8a12>

EventListener code for

- Clear completed Button (Red button at bottom)

Todo APP

Todo APP - on backend let's write file handling

<https://gist.github.com/Kartik-Mathur/b6781e1f424fc58d36499317f97e8759>

Todo APP

MAKE THIS APP ON YOUR OWN!!!!

Todo APP