

COMP6080

Javascript - NodeJS - Demo

Lecture 3.1

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Demo 1: NodeJS

Let's write a simple NodeJS script that:

- Reads in up to 20 dates in the format "YYYY/MM/DD" from argv
- For each date, calculates how many days since that date have passed
- Creates a list of `keys : value` pairs that store `date : days - since - date`
- Outputs this as JSON to a file on the file system



Demo 2: NodeJS

Let's write a simple NodeJS script that:

- Build a mini grep that searches for a word across all .txt files in a folder.
- Also renames every folder containing that word to append _CONTAINS.[file.txt] if not already labelled like that.



Demo 3: An Express Server

Let's write a simple NodeJS script that:

- Starts up a simple HTTP server with one GET route called `"/scrape"`
 - This route takes in a URL and a particular HTML tag to look for and count
 - This route returns a simple object with the number of times that tag appears on a webpage
- Explore it with typescript



Optional Demo 3: CSS

Taking one of the screens from week 2 and making it mobile responsive. We'll use dev tools to play and explore some more too.



Optional Demo 4: CSS

Taking one of the screens from week 2 and layering it with a CSS framework.

Feedback



Or go to the [form here](#).

