TypeScript - Workshop

Brainster Web Development Academy

Table of contents

Intro

- You will be creating application which will allow user to create events and to display those events in calendar

- The HTML and CSS is taken care of, you just need to find which classes should be used in the dynamically created dom elements

- Whole project should be setup in TypeScript using "tsc --init"

- Every transpiled .ts file that generates .js file should be stored into "build" folder (you need to configure outDir in tsconfig.json)

- Use the included demo video to have more clear understanding

- Happy hacking!!!

Events

- The top part of the application should manage the events

- Each event contains
    - Id: number
    - Date: Date
    - Title: string
    - Color: string

- User should be able to fill form with this fields and on submit to add the event into calendar as well into the event list

- The event list contains all the events that exist

Calendar

- The bottom part of the application should display events in calendar view

- Can only display months

- Controls to cycle through months using previous and next buttons

- Indicator for current month

- Today's date should marked, use css class: "today"

- Events should be marked also in the calendar, use css class: "event-day"

- Each event should have border in it's own color