



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David



Web development Workshop

June-July 2022, London, UK



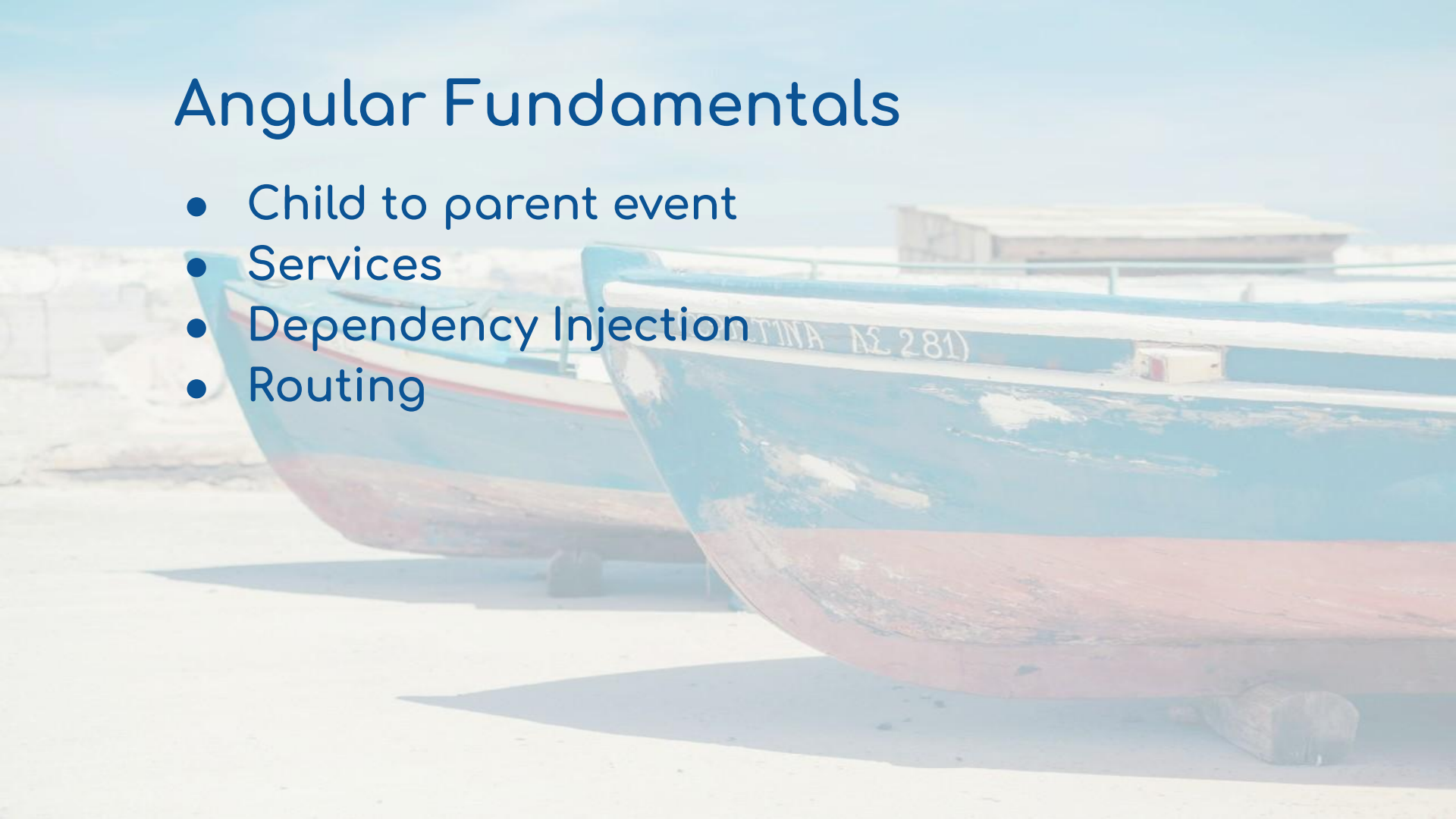
Week-5

Web development Workshop

June-July 2022, London, UK

Angular Fundamentals

- Child to parent event
- Services
- Dependency Injection
- Routing



Child-to-Parent-data

Use data from child component to parent component.

Use `import { Output }`

Child-to-parent-data

Share data from child component to parent component

Parent component receiving value via @Output()

- item1
- item2
- item3
- item4
- sample data from child

Child component with @Output()

Add an item:

sample data from child

Add to parent's list

Dependency Injection

Dependency Injection (DI) is a technique in which a class receives its dependencies from external sources rather than creating them itself.

Services

Service is a broad category encompassing any value, function, or feature that an application needs. Angular distinguishes components from services to increase modularity and reusability.

```
ng g service <service-name>
```

Angular Routing

Change what the user sees by showing or hiding portions of the display that correspond to particular components, rather than going out to the server to get a new page

```
ng new routing-app --routing --defaults
```

Angular Forms

Template-driven forms

They are useful for adding a simple form to an app, such as an email list signup form

Reactive forms:

provide a model-driven approach to handling form inputs whose values change over time

Angular Forms

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HELLO STUDENTS

WELCOME TO UWTSD

UWTSD is celebrating our Bicentenary which commemorates the laying of the foundation stone for St David's College, Lampeter on 12 August 1822. Throughout the year, events and activities will be held across our campuses to celebrate the University's role as the birthplace of higher education in Wales.

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The University of Wales Trinity Saint David (UWTSD) was formed on 18 November 2010 through the merger of the University of Wales Lampeter and Trinity University College Carmarthen, under Lampeter's Royal Charter of 1828. On the 1 August 2013, Swansea Metropolitan University became part of UWTSD.

Hours

Monday - Friday: 07:00 AM - 13:00 PM
Saturday - Sunday: 09:00 AM - 15:00 PM

Location

Recreio dos Bandeirantes,
Rio de Janeiro - RJ, 22795-008, Brazil

Book Now

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References:

<https://www.freecodecamp.org/news/learn-typescript-beginners-guide/>

<https://angular.io/guide/understanding-angular-overview>

<https://www.typescriptlang.org/docs/handbook/intro.html>

Demo html template: <https://templatemo.com/tm-569-edu-meeting>