[CURS 8]

CRUD operations, services and Di

[] CRUD operations

Definition: CRUD is an acknown that comes From the world of databases and it shands for Create, Read, Update and Delete.

CRUD can be seen as a design paradigm which describes what operations can be pertorned on a set of data

on a set of data.

Each letter can be mapped to a type of action that a user can pertorm on a set of date it's possible to apply the CRUD concept to the world wide web and its underlying HTTP protocol Considering that every URL points to a resource, that is a set of data you can access those with different HTTP reabs: GET, PUT, POST and DELETE.

CRUD can be applied for API projects in order to describe how the resources can be manipulated and what are the operations supported by the API.

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I Services & Di

1) Service

A service is a class which prevides specific functionality for an app. Services are usually provided using Dependency Injection pattern. Two types of services:

a) Franework services: These services are part of the . Net Core tranework (i Contiguration, i Application Builder, i Logger Factory, etc.)

b) App services: these are the services that you weak in your app; since the Di doesn't know then, you need to register then explicitly.

Dependency Injection

Di is a design pattern which allows the creation of dependent objects outside of the class that depends on them and provides those objects to a class through different ways.