

Refresher On .NET And Software Design Fundamentals For C

SOLID Principles: Do You Really Understand Them? - SOLID Principles: Do You Really Understand Them? 7 minutes, 4 seconds - People mention SOLID everywhere but very few do a good job of explaining it. I am hoping to put an end to that in this video so ...

Introduction

Single Responsibility Principle

Open-Closed Principle

Decorator Pattern

Extension Methods

Liskov Substitution Principle

Interface Segregation Principle

Dependency Inversion Principle

Conclusion

Software Design - Introduction to SOLID Principles in 8 Minutes - Software Design - Introduction to SOLID Principles in 8 Minutes 8 minutes, 17 seconds - Software Design, - Introduction to **SOLID Principles**, in 8 Minutes ? SUBSCRIBE ...

Intro

Single Responsibility Principle- Example 1

Open/Closed Principle (OCP)

Liskov substitution principle (LSP)

Interface Segregation Principle (ISP) - Example 1

Dependency Inversion Principle

how programmers overprepare for job interviews - how programmers overprepare for job interviews 1 minute, 10 seconds - Mapa hash. SOCIAL MEDIA
<https://www.instagram.com/jomakaze/> ...

10 Design Patterns Explained in 10 Minutes - 10 Design Patterns Explained in 10 Minutes 11 minutes, 4 seconds - Software design, patterns help developers to solve common recurring problems with code. Let's explore 10 patterns from the ...

Design Patterns

What are Software Design Patterns?

Singleton

Prototype

Builder

Factory

Facade

Proxy

Iterator

Observer

Mediator

State

Software Architecture and Design Patterns Interview Questions - Software Architecture and Design Patterns Interview Questions 1 hour, 42 minutes - For .NET, C# Interview QnA videos visit - <https://www.questpond.com/> Do not forget to watch ASP.NET, C# Job Analysis Video ...

Introduction

Question 1:- Explain your project architecture?

Question 2:- Architecture style VS Architecture pattern VS Design pattern

Question 3:- What are design patterns?

Question 4:- Which are the different types of design patterns?

Question 5:- Which design pattern have you used in your project?

Question 6:- Explain Singleton Pattern and the use of the same?

Question 7:- How did you implement singleton pattern?

Question 8:- Can we use Static class rather than using a private constructor?

Question 10:- How did you implement thread safety in Singleton?

Question 11:- What is double null check in Singleton?

Question 12:- Can Singleton pattern code be made easy with Lazy keyword?

Question 14:- What are GUI architecture patterns, can you name some?

Question 15:- Explain term Separation of concerns (SOC) ?

Question 16:- Explain MVC Architecture Pattern?

Question 17:- Explain MVP Architecture pattern?

Question 18:- What is the importance of interface in MVP ?

Question 19:- What is passive view?

Question 20:- Explain MVVM architecture pattern?

Question 22:- What is a ViewModel?

Question 23:- When to use what MVP / MVC / MVVM?

Question 24:- MVC vs MVP vs MVVM?

Question 25:- Layered architecture vs Tiered?

C# in 100 Seconds - C# in 100 Seconds 2 minutes, 27 seconds - C# or C,-Sharp is the programming language behind .NET, (dotnet) and the Unity framework. It was created at Microsoft as a C,-like ...

NET CORE DESKTOP APPS

XAMARIN MOBILE APPS

UNITY VIDEO GAMES

5 Design Patterns That Are ACTUALLY Used By Developers - 5 Design Patterns That Are ACTUALLY Used By Developers 9 minutes, 27 seconds - Design, patterns allow us to use tested ways for solving problems, but there are 23 of them in total, and it can be difficult to know ...

Introduction

What is a Design Pattern?

What are the Design Patterns?

Strategy Pattern

Decorator Pattern

Observer Pattern

Singleton Pattern

Facade Pattern

Top 6 Coding Interview Concepts (Data Structures \u0026 Algorithms) - Top 6 Coding Interview Concepts (Data Structures \u0026 Algorithms) 10 minutes, 51 seconds - <https://neetcode.io/> - A better way to prepare for Coding Interviews Discord: <https://discord.gg/ddjKRXpQtK> Twitter: ...

Intro

Number 6

Number 5

Number 4

Number 3

Number 2

Number 1

Fundamental Concepts of Object Oriented Programming - Fundamental Concepts of Object Oriented Programming 9 minutes, 16 seconds - This video reviews the **fundamental concepts**, of Object Oriented Programming (OOP), namely: Abstraction, which means to ...

What is an object?

Abstraction

Objects from a class

Encapsulation

Inheritance

Polymorphism

Summary of OOP concepts

Learn ASP.NET Core 3.1 - Full Course for Beginners [Tutorial] - Learn ASP.NET Core 3.1 - Full Course for Beginners [Tutorial] 3 hours, 13 minutes - Learn ASP.**NET**, Core 3.1 in this complete tutorial course for beginners. After learning about the history and **basics**, of ASP.**NET**, ...

Welcome

Razor Project Overview

MVC Project Overview

Evolution of ASP.NET Core

Tools Needed

Github Url

Introduction

Create Project

Razor Pages

csproj

launchsettings

wwwroot

Pages Folder

Routing in Razor Pages

Tag Helpers

Main Methods

Startup Part 1

Startup Part 2

Middlewares

AppSettings

Dependency Injection

Introduction

Runtime Razor Package

Create Book Model

Add Connection String and Packages

Add Book Table to Database

Book Index Get Handler

Designing Book Index Page Part 1

Designing Book Index Page Part 2

Create Book Page Model

Create Book Page UI

Create Book and Validations

Client Side Validations

Edit Book Get Handler

Edit Book UI

Edit Post Handler

Delete Book

Book Get API

DataTables

Delete API Call

Delete Book

Upsert Page Handlers

Upsert Page UI

Create Project

MVC Folders

Routing in MVC

Introduction

Create Book Model and Push to Database

Create Books Controller

Third Party Links

BookList Js and API Calls

Index View Book List

Upsert Get Action

Upsert View

Upsert Post And Delete

How I Mastered Low Level Design Interviews - How I Mastered Low Level Design Interviews 8 minutes, 41 seconds - My LLD Github repository: <https://github.com/ashishps1/awesome-low-level-design>, My premium LLD interview course: ...

Intro

What Exactly is LLD?

How to Get Started with LLD?

Design Principles

Design Patterns

How to Prepare for LLD interviews?

Most commonly asked LLD interview questions

How to answer a LLD interview problem?

Best LLD Coding Practices

Outro

Software Design Tutorial #1 - Software Engineering \u0026amp; Software Architecture - Software Design Tutorial #1 - Software Engineering \u0026amp; Software Architecture 40 minutes - In this video I will be teaching you the **basics**, of **designing software**, systems like a **software**, engineer. We will walk through a ...

Introduction

Problem Statement

Planning

Student Information

Drawing Classes

Drawing Base Classes

Drawing Derived Classes

Drawing Associations

Association Example

Association Class

System Design Interview: A Step-By-Step Guide - System Design Interview: A Step-By-Step Guide 9 minutes, 54 seconds - Learn something new every week by subscribing to our newsletter: <https://bit.ly/3tfAIYD> Checkout our bestselling System **Design**, ...

Introduction

Framework

Step 1 Understand the Problem

Step 2 Clarify

Step 2 Framework

Step 3 Design Diagram

Step 4 Design Diagram

Step 5 Data Model Schema

7 Design Patterns EVERY Developer Should Know - 7 Design Patterns EVERY Developer Should Know 23 minutes - Check out Twingate for secure remote work for developers: ...

3 Types of Patterns

Singleton Pattern

Builder Pattern

Factory Pattern

Twingate Security

Facade Pattern

Adapter Pattern

Strategy Pattern

Observer Pattern

Know When to Use Each One

?What is Design Pattern | How many design patterns are there ? | Lets understand in detail in hindi - ?What is Design Pattern | How many design patterns are there ? | Lets understand in detail in hindi 13 minutes, 48 seconds - Welcome to our comprehensive guide on **design**, patterns! In this video, we delve into the world of **design**, patterns, exploring their ...

Design Patterns for Beginners - New Version - Design Patterns for Beginners - New Version 45 minutes - LEARN \"Big Picture\" of FULL-STACK, CLOUD, AWS, MICROSERVICES with DOCKER and KUBERNETES in ***30 MINUTES*** ...

Why this Course

What Are Design Patterns

Design Patterns

Kinds of Design Patterns

Creational Patterns

Behavioral Design Patterns

Prototype Design Pattern

Pattern Builder Pattern

Builder Pattern

Singleton Pattern

Disadvantages

Factory Method Design Pattern

Structural Design Patterns

Decorative Pattern

Java I / O

Decorator Pattern

Facade Pattern

Advantages of the Facade

The Adapter Pattern

Flyweight Pattern

Connection Pools

Behavioral Patterns

Chain of Responsibility Patterns

Chain of Responsibility Pattern

Chain of Responsibility

Java Example

The Strategy Pattern Strategy Pattern

Sortable Interface

Observer Pattern

Visitor Pattern

Template Method

Command Pattern

Command Object

Runnable Interface

Memento Pattern

Mediator

Build a C# .NET Application in 60 Minutes - Build a C# .NET Application in 60 Minutes 55 minutes - In this video we are going to talk about what C# and the **.NET**, framework are and then jump right in and install Visual Studio 2017.

Crash Course

What Exactly Is C-Sharp

Difficulty

Clr

What Is Clr

Versions of Visual Studio

Install Visual Studio

Visual Studio Code

Start Visual Studio

New Project

Build a Console App with the Net Framework

Assembly Info Dot Cs File

App Config

Namespace

Using Statements

Static and Void

Variables

Change the Text Color on the Console

Change Text Color

Greet User

Create a New Random Object

While Loop

Function To Get the App Info

Print to the Screen with a Color

Microservices Design Patterns | Microservices Architecture Patterns | Edureka - Microservices Design Patterns | Microservices Architecture Patterns | Edureka 31 minutes - Microservices Architecture Training: <https://www.edureka.co/microservices-architecture-training> ** This Edureka's video on ...

Why do we need Design Patterns?

What are Design Patterns?

What are Microservices?

Principles behind Microservices

Microservices Design Patterns

10 Architecture Patterns Used In Enterprise Software Development Today - 10 Architecture Patterns Used In Enterprise Software Development Today 11 minutes - Ever wondered how large enterprise scale systems are designed? Before major **software**, development starts, we have to choose ...

Intro

PIPE-FILTER PATTERN

CLIENT-SERVER PATTERN

MODEL VIEW CONTROLLER PATTERN

EVENT BUS PATTERN

MICROSERVICES ARCHITECTURE

BROKER PATTERN

PEER-TO-PEER PATTERN

BLACKBOARD PATTERN

System Design for Beginners Course - System Design for Beginners Course 1 hour, 25 minutes - This course is a detailed introduction to system **design**, for **software**, developers and engineers. Building large-scale distributed ...

What is System Design

Design Patterns

Live Streaming System Design

Fault Tolerance

Extensibility

Testing

Summarizing the requirements

Core requirement - Streaming video

Diagramming the approaches

API Design

Database Design

Network Protocols

Choosing a Datastore

Uploading Raw Video Footage

Map Reduce for Video Transformation

WebRTC vs. MPEG DASH vs. HLS

Content Delivery Networks

High-Level Summary

Introduction to Low-Level Design

Video Player Design

Engineering requirements

Use case UML diagram

Class UML Diagram

Sequence UML Diagram

Coding the Server

Resources for System Design

PLEASE Master These 3 Software Design Principles... - PLEASE Master These 3 Software Design Principles... 11 minutes, 43 seconds - Download PyCharm and use it for free forever with one month of Pro included: <https://www.jetbrains.com/pycharm/> Here are 3 ...

Principle 1

IDE Choice

Principle 2

Principle 3

What is .NET? What's C# and F#? What's the .NET Ecosystem? .NET Core Explained, what can .NET build? - What is .NET? What's C# and F#? What's the .NET Ecosystem? .NET Core Explained, what can .NET build? 18 minutes - What is .NET,? What is C# and F#? What is .NET, Core? What's the .NET, Ecosystem? What can you build? You have questions ...

Introduction

What is NET

Download NET

NET Ecosystem

Node

NET Console

NET in a nutshell

Understand Clean Architecture in 7 Minutes - Understand Clean Architecture in 7 Minutes 7 minutes, 2 seconds - Getting Started with Clean Architecture (promo code CLEANAMI): ...

Software Architecture Patterns - Software Architecture Patterns by DigitalTechSolutions 146,133 views 1 year ago 4 seconds – play Short - SoftwareArchitecture #EventDrivenDesign #LayeredArchitecture #MonolithicArchitecture #Microservices #MVCPattern ...

How Git Works: Explained in 4 Minutes - How Git Works: Explained in 4 Minutes 4 minutes, 18 seconds - Get a Free System **Design**, PDF with 158 pages by subscribing to our weekly newsletter: <https://bytebytego.ck.page/subscribe> Git ...

Top 5 Most Used Architecture Patterns - Top 5 Most Used Architecture Patterns 5 minutes, 53 seconds - Get a Free System **Design**, PDF with 158 pages by subscribing to our weekly newsletter: <https://bytebytego.ck.page/subscribe> ...

Software Design Principles For Beginners - Software Design Principles For Beginners 53 minutes - Software Design Principles, For Beginners ? SUBSCRIBE --? https://www.youtube.com/user/rithustutorials?sub_confirmation=1 ...

RANGA RAO KARANAM

In 28 Minutes What is Cohesion?

In 28 Minutes What is Coupling?

AWESOME LEARNING EXPERIENCES

SOLID PRINCIPLES • SRP Single Responsibility Principle • OCP Open Closed Principle . LSP Liskov Substitution Principle • ISP Interface Segregation Principle • DIP Dependency Inversion Principle

ASP.NET Core Crash Course - C# App in One Hour - ASP.NET Core Crash Course - C# App in One Hour 1 hour - Learn how to create a web database app in ASP.NET, Core using Visual Studio and the C# language. This tutorial will show you ...

Introduction

Welcome

Course Overview

Is this course right for you

What is ASPNET Core

What is NET

What is C

What is ASPNET

Full Stack Environment

Demo

MVC

Controller

Models

Properties

Create Pages

Run App

Migrations

Object Relation Mapper

Creating Tables

Index Page

Features

Finished Product

Test App

Show Search Form

Show Search Results

Testing

Jokes

CSS

How to NOT Fail a Technical Interview - How to NOT Fail a Technical Interview 8 minutes, 26 seconds - Welcome to the **software**, engineer's technical interview survival guide. Using a mock interview with the classic FizzBuzz question, ...

TECHNICAL INTERVIEW

#LEARNTOCODE

BINARY TREE

TIP START WITH PSEUDOCODE

INTERVIEWERS WANT YOU TO SUCCEED

TIP SLOW DOWN

TIP THINK OUT LOUD

PRACTICE TALKING WHILE CODING

TIP ASK CLARIFYING QUESTIONS

AVOID MAGIC

MODULO?

APIs Explained (in 4 Minutes) - APIs Explained (in 4 Minutes) 3 minutes, 57 seconds - Make sure you're interview-ready with Exponent's system **design**, interview prep course: <https://bit.ly/3ItwJKk> Read our complete ...

What is an API?

Non-technical analogy for APIs

How do APIs work? (Web APIs)

HTTP request and response structure

Types of APIs

Search filters

Keyboard shortcuts

Playback

General

Subtitles and closed captions

Spherical videos

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<https://www.onebazaar.com.cdn.cloudflare.net/@77577430/capproachm/ywithdrawj/arepresentd/atv+arctic+cat+able>
[https://www.onebazaar.com.cdn.cloudflare.net/\\$33118302/uexperiencem/bwithdrawh/qtransportp/spelling+bee+prac](https://www.onebazaar.com.cdn.cloudflare.net/$33118302/uexperiencem/bwithdrawh/qtransportp/spelling+bee+prac)
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[https://www.onebazaar.com.cdn.cloudflare.net/\\$22756573/sencounterl/aintroduceq/pmanipulated/justice+for+all+pr](https://www.onebazaar.com.cdn.cloudflare.net/$22756573/sencounterl/aintroduceq/pmanipulated/justice+for+all+pr)