talk

Windows App SDK with .NET

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.NET

.NET is a free & modern open-source cross-platform framework

.NET updated with improvements & features each year

.NET with C# for modern software development

.NET for apps on any device & platform

dot.net

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Windows

Windows 11 is a powerful & easy-to-use operating system

Optimised for productivity & entertainment

Designed for performance & security

Creativity & assistance with Copilot

windows.com

Widgets

Widgets display text & graphics for most-needed information

Widgets enable you to save time & stay organised

Widgets can be customised or personalised

Widgets developed using Adaptive Cards

aka.ms/widgetdevdocs

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Pomodoro

Pomodoro Technique developed by Francesco Cirillo

Decide on Task and set Timer for around 25 minutes

When Timer finished take 5 to 10-minute break

Repeat this until have done four Pomodoros

Take 20 to 30-minute break & start again

What is Windows App SDK?

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Overview

Build native Windows 10 RS5 to latest Windows 11 apps

Delivered via NuGet & updated every six months

Supports modern WinRT & native Windows APIs

Windows application development workload

github.com/microsoft/WindowsAppSDK

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XAML

XAML is eXtensible Application Markup Language

Decouple implementation from user interface

Data binding for presentation & interaction

Vector-based controls & elements

Customise look-and-feel

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WinUI

Native user experience framework for Windows desktop apps

WinUI 3 in Windows App SDK & decoupled from Windows

WinUI 3 is also supported by .NET MAUI & Uno Platform

Implements Microsoft's Fluent Design System

github.com/microsoft/microsoft-ui-xaml

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Fluent

Fluent Design System for design & interaction in Windows 11

Design principles for intuitive & expected experiences

WinUI components incorporate Fluent design

Build apps with an accessible foundation

fluent2.microsoft.design

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Demo

Summary

.NET to create modern apps & services for any device or platform

Windows 11 is powerful, easy-to-use & supports Widgets

Windows App SDK to create modern Windows apps

Leverage WinUI 3 user experience framework

Accessible apps with Fluent Design System

About

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