PROGRAMMING ADVICES
LEARN THE RIGHT WAY

26+ Years of Experience

Mohammed Abu-Hadhoud
MBA, PMOC, PgMP®, PMP®, PMI-RMP®, CM, ITILF, MCPD, MCSD

لا تنسى الاشتراك في قناتنا على اليوتيوب ومشاركة القناة مع اصدقائك
لتعم الفائدة للجميع وانقاذ الاف الناس من التشتت وجزاكم الله خيرا
لا تنسونا من دعائكم وادعو لوالدي بالرحمة
www.ProgrammingAdvices.com

مهم جداً

هذا الملف للمراجعة السريعة واخذ الملاحظات عليه فقط ،لانه يحتوي
على اقل من 20٪ مما يتم شرحه في الفيديوهات

الاستعجال والاعتماد عليه فقط سوف يجعلك تخسر كميه معلومات
وخبرات كثيره

يجب عليك مشاهدة فيديو الدرس كاملا

لاتنسى عمل لايك ومشاركة القناة لتعم الفائدة للجميع

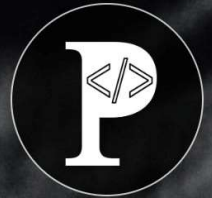لا تنسونا من دعائكم

ProgrammingAdvices.com

Mohammed Abu-Hadhoud

What is Multithreading?

Mohammed Abu-Hadhoud
MBA, PMOC, PgMP®, PMP®, PMI-RMP®, CM, ITILF, MCPD, MCSD
26+ years of experience

What is Multithreading?

- Multithreading in C# refers to the <u>concurrent execution of multiple threads </u>within the same application.

- A thread is <u>the smallest unit of execution </u>in a process.

- The program <u>itself is a thread (Main Thread).</u>

- Multithreading <u>allows you to perform multiple tasks simultaneously, improving performance and responsiveness</u> in certain scenarios.

- Threading in C# <u>allows you to create and manage threads to execute multiple operations concurrently</u>.

Mohammed Abu-Hadhoud
MBA, PMOC, PgMP®, PMP®, PMI-RMP®, CM, ITILF, MCPD, MCSD
26+ years of experience

What is Multithreading?

- Multithreading is a <u>powerful technique that can significantly improve the performance</u> of applications that can benefit from concurrent execution of tasks.

- However, it also <u>introduces challenges</u> such as <u>synchronization and coordination between threads</u>.

- Therefore, <u>careful design and understanding of multithreading concepts are essential</u> for creating robust multithreaded applications in C#.

Example of multithreaded Applications.

- Windows
- Chatting Applications
- Games
- Webservices
- And Many others

Mohammed Abu-Hadhoud
MBA, PMOC, PgMP®, PMP®, PMI-RMP®, CM, ITILF, MCPD, MCSD
26+ years of experience

ProgrammingAdvices.com

Thank You

Mohammmed Abu-Hadhoud
26+ Years of Experience
MBA, PMOC, PgMP®, PMP®, PMI-RMP®, CM, ITILF, MCPD, MCSD

PROGRAMMING
ADVICES LEARN THE RIGHT WAY