PROGRAMMING
ADVICES   LEARN THE RIGHT WAY

26+ Years of Experience

Mohammed Abu-Hadhoud

MBA, PSOC, PgMP®, PMP®, PMI-RMP®, CB, 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

What is SortedSet?

- SortedSet is a collection class in C# that <u>represents a sorted set of elements</u>.
- SortedSet is part of the System.Collections.Generic namespace in .NET.
- It <u>stores unique elements in sorted order</u>, allowing for efficient search, insertion, and removal operations.

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

Characteristics of SortedSet

- Stores unique elements in sorted order.
- Provides fast search, insertion, and removal operations.
- Automatically maintains sorted order as elements are added or removed.
- Does not allow duplicate elements.

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

Advanteges of SortedSet

- Ensures elements are always stored in sorted order, facilitating efficient traversal and manipulation.

- Provides fast lookup, insertion, and removal operations compared to other collection types.

- Suitable for scenarios where maintaining sorted order and uniqueness of elements are essential.

- Simplicity: The API of SortedSet is simpler compared to SortedList, as it deals with single elements rather than key/value pairs.

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

Conclusion

- SortedSet is a useful collection class in C# for storing unique elements in sorted order.

- It provides efficient search, insertion, and removal operations, making it suitable for a wide range of scenarios where maintaining sorted order is essential.

- By understanding the characteristics and advantages of SortedSet, developers can leverage it effectively in their C# programs.

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