Community Content

Add code samples and tips to enhance this topic.

More...

Advertisement

Comparison Between Properties and Indexers (C# Programming Guide)

msdn

Visual Studio 2010 | Other Versions ▾ | 1 out of 2 rated this helpful   Rate this topic

Indexers are like properties. Except for the differences shown in the following table, all the rules that are defined for property accessors apply to indexer accessors also.

Property	Indexer
Allows methods to be called as if they were public data members.	Allows elements of an internal collection of an object to be accessed by using array notation on the object itself.
Accessed through a simple name.	Accessed through an index.
Can be a static or an instance member.	Must be an instance member.
A get accessor of a property has no parameters.	A get accessor of an indexer has the same formal parameter list as the indexer.
A set accessor of a property contains the implicit **value** parameter.	A set accessor of an indexer has the same formal parameter list as the indexer, and also to the value parameter.
Supports shortened syntax with Auto-Implemented Properties (C# Programming Guide).	Does not support shortened syntax.

See Also

Reference

Indexers (C# Programming Guide)
Properties (C# Programming Guide)

Concepts

C# Programming Guide

Did you find this helpful?	◯ Yes ◯ No

Community Content

Add

FAQ

Advertisement