Synergex.SynergyDE namespace

Class	Description	Methods
Synergex.SynergyDE. Select.**Select** ● ● ● ●	A group of classes and class members that support SQL-like data selection. Its targeted use is as an enumerator accessed via the FOREACH statement, but individual access is also allowed.	Delete, Dispose, GetEnum, GetEnumerator, Join, RegisterEvent, SparseRecord
Synergex.SynergyDE. Select.**From** ● ● ● ●	Defines from which file a selection will be made. It also defines the input record size and provides a template for determining field to record offsets. In addition, the locking behavior can be altered from the locking behavior of the file open.	Dispose, InnerJoin, LeftJoin
Synergex.SynergyDE. Select.**Where** ● ● ● ●	The fundamental building block for a selection expression. Essentially a collection of logical and relational operators (including their symbolic forms), it provides a means to create intuitive, procedure-like expressions for record selection.	Between, Contains, In, Like, Keynum, Portable **Change tracking methods** NetChange, Changes, Snapshot, ChangeType
Synergex.SynergyDE. Select.**OrderBy** ● ● ● ●	A collection of static methods for ordering a selection, either by key or non-key fields, when the selection is created.	Ascending, AscendingKey, Descending, DescendingKey
Synergex.SynergyDE. Select.**JoinSelect** ● ● ● ●	Required when using Joins. The Join() method in the Select class converts a Select object into a JoinSelect object.	GetEnumerator, GetRowArrayIndex
Synergex.SynergyDE. IOExtensions.**IOHooks** ● ● ● ●	Makes it possible to perform custom I/O without changing any code in your existing I/O routines.	IOReset **Pre-operation hook methods** find_pre_operation_hook, read_pre_operation_hook, reads_pre_operation_hook, write_pre_operation_hook, writes_pre_operation_hook, store_pre_operation_hook, delete_pre_operation_hook, unlock_pre_operation_hook, close_pre_operation_hook **Post-operation hook methods** find_post_operation_hook, read_post_operation_hook, reads_post_operation_hook, write_post_operation_hook, writes_post_operation_hook, store_post_operation_hook, delete_post_operation_hook, unlock_post_operation_hook, Dispose **Exception hook method** reconnect_hook
Synergex.SynergyDE. **SynException** ● ● ● ●	Used for structured exception handling and extends the System.Exception parent class by adding more error information. All Synergy/DE exceptions derive from this class.	
Synergex.SynergyDE.Select.**ChangeTracking** ● ● ●	Returns snapshot information for a file, enabling you to perform change tracking functions from within your program rather than spawning a ctutl command.	ApplySnapshot, Refresh
Synergex.SynergyDE. **DataEncoding** ● ● ● ●	Provides methods to encode and decode base64 and base64url strings, converting binary data to and from printable ASCII data.	FromBase64, FromBase64URL, ToBase64, ToBase64URL

System namespace

Class	Description	Methods
System.**String** ●●●●	Exposes members that perform various tasks on strings, such as concatenating, comparing, replacing, and copying.	Clone, Concat, Contains, EndsWith, Equals, IndexOf, Insert, IsNullorEmpty, IsNullorWhitespace, LastIndexOf, Remove, Replace, Split, StartsWith, Substring, ToLower, ToString, ToUpper, Trim, TrimEnd, TrimStart
System.**Array** ●●●●	Equivalent to [#,#]@class. An instance of this class will only be created via the Synergy array syntax. It represents a 1-based array or, on .NET, a 0-based array with .ARRAY 0 declared.	Clear, Copy, GetLength, GetValue, IndexOf, LastIndexOf, SetValue
System.Collections.**ArrayList** ●●●●	A dynamic collection class with 0-based indexing (which means the index of the first element is 0).	Add, Clear, Clone, IndexOf, Insert, LastIndexOf, RemoveAt
System.Diagnostics.**Debug** ●●●●	Provides methods to help debug code.	WriteLine
System.**Console** ●●●●	Provides support for applications writing characters to the console. This class cannot be inherited.	WriteLine