



Splunk.Client Namespace

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Splunk.Client Namespace

This package contains the Splunk Portable Client for consuming Splunk's API.

Classes

Class	Description
Application	Provides a class for managing Splunk applications.
ApplicationArchiveInfo	Provides information about an application archive produced by Splunk.
ApplicationAttributes	Provides arguments for setting the attributes of an Application .
ApplicationCollection	Provides an object representation of a collection of Splunk applications.
ApplicationCollection.Filter	Provides selection criteria for retrieving a slice of an ApplicationCollection .
ApplicationSetupInfo	Represents the setup information for an Application .
ApplicationUpdateInfo	Provides an object representation for the update information available for an application.
ApplicationUpdateInfo.UpdateAdapter	An update adapter.
Args<TArgs>	Provides a base class for representing strongly typed arguments to Splunk endpoints.
Argument	Represents the value of a parameter to a Splunk REST API endpoint.
ArgumentSet	Provides custom arguments.
AtomEntry	Provides an object representation of an individual entry in a Splunk

▷ Entity(TResource) Class
▷ EntityCollection(TEntity, TResource) Class
ExecutionMode Enumeration
▷ ExpandoAdapter Class
▷ ExpandoAdapter.Converter Class
▷ ExpandoAdapter(TExpandoAdapter) Class
▷ ExpandoAdapter(TExpandoAdapter) Class
▷ IApplication Interface
▷ IApplicationArchiveInfo Interface
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▷ IApplicationSetupInfo Interface
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▷ IBaseResource Interface
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▷ IEntityCollection(TEntity, TResource) Interface
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▷ IIndexCollection(TIndex) Interface
▷ IJob Interface
▷ IJobCollection(TJob) Interface
▷ Index Class
▷ IndexAttributes Class
▷ IndexCollection Class
▷ IndexCollection.Filter Class
▷ InternalServerErrorException Class
▷ IPaginated Interface
▷ ISavedSearch Interface

Atom Feed response.

References:

1. REST API Reference Manual: Accessing Splunk resources.
2. REST API Reference Manual: Atom Feed responses.

 AtomFeed	Provides an object representation of a Splunk Atom Feed response.
 AuthenticationFailureException	The exception that is thrown when invalid credentials are passed to LogOnAsync(String, String) or a request fails because the session timed out.
 BadRequestException	The exception that is thrown when a request is rejected by Splunk because it is poorly formed.
 BaseEntity<TResource>	Provides an object representation of a Splunk entity.
 BaseResource	Provides a base class that represents a Splunk resource as an object.
 Configuration	Provides a class for accessing and updating Splunk configuration files.
 ConfigurationCollection	Provides an object representation of a collection of Splunk configuration files.
 ConfigurationSetting	Provides an object representation of a Splunk configuration setting.
 ConfigurationStanza	Provides an object representation of a Splunk configuration stanza.
 Context	Provides a class for sending HTTP requests and receiving HTTP responses from a Splunk server.
 CookieStore	Provides a class for storing and parsing cookies from a Splunk server.

▷ ISavedSearchCollection(TSaveInterface)
▷ IServer Interface
▷ IServerInfo Interface
▷ IServerMessage Interface
▷ IServerMessageCollection(TServerInterface)
▷ IServerSettings Interface
▷ IService Interface
▷ IStoragePassword Interface
▷ IStoragePasswordCollection(TStorageInterface)
▷ ITransmitter Interface
▷ Job Class
▷ Job.RuntimeAdapter Class
▷ JobArgs Class
▷ JobCollection Class
▷ JobCollection.Filter Class
LicenseState Enumeration
▷ Message Class
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▷ Namespace Class
▷ Observable(T) Class
▷ Observer(T) Class
OutputMode Enumeration
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PaperOrientation Enumeration
PaperSize Enumeration
▷ Permissions Class
▷ RequestException Class
▷ Resource Class
▷ ResourceCollection Class
▷ ResourceName Class
▷ ResourceNotFoundException Class
▷ Response Class
▷ SavedSearch Class
▷ SavedSearch.ActionsAdapter Class
▷ SavedSearch.ActionsAdapter.Action Class
▷ SavedSearch.ActionsAdapter.Error Class

CustomJobArgs	Provides custom arguments to a job.
 Eai	Provides a class that represents a Splunk server's Extensible Administration Interface.
 EaiAcl	Provides a class that represents a Splunk ACL.
 EaiAttributes	Provides a class that represents a Splunk ACL.
 Endpoint	Provides a base class that represents a Splunk endpoint as an object.
 Entity<TResource>	Provides an object representation of a Splunk entity.
 EntityCollection< TEntity, TResource >	Provides a base class for representing a collection of Splunk resources.
 ExpandoAdapter	Provides a base class for implementing Dictionary< TKey, TValue > instances.
 ExpandoAdapter.Converter	Provides a converter to create ExpandoAdapter instances from Dictionary< TKey, TValue > instances.
 ExpandoAdapter<TExpandoAdapter>	Provides a generic base class for implementing strong types backed by Dictionary< TKey, TValue > instances.
 ExpandoAdapter<TExpandoAdapter>.Converter	Provides a converter to create ExpandoAdapter instances from Dictionary< TKey, TValue > instances.
 Index	Provides a class that represents a Splunk data index.
 IndexAttributes	Provides arguments for setting the attributes of an Index.
 IndexCollection	Provides an object representation of a collection of Splunk data indexes.

Class

- ▷ [SavedSearch.ActionsAdapter.P Class](#)
- ▷ [SavedSearch.ActionsAdapter.R Class](#)
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- ▷ [SavedSearch.DisplayAdapter.V Class](#)
- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter](#)

 IndexCollection.Filter	Provides arguments for retrieving an IndexCollection .
 InternalServerErrorException	The exception that is thrown when a request to retrieve a BaseResource results in HttpStatusCodes.InternalServerError .
 Job	Provides an object representation of a Splunk search job.
 Job.RuntimeAdapter	Provides a generic base class for implementing strong types backed by Dictionary< TKey, TValue> instances.
 JobArgs	Provides arguments for creating a search Job .
 JobCollection	Provides an object representation of a collection of Splunk search jobs.
 JobCollection.Filter	Provides arguments for retrieving a JobCollection .
 Message	Provides a class that represents a Splunk service response message.
 Namespace	Specifies the user/app context for a resource.
 Observable<T>	Defines a provider for push-based notification.
 Observer<T>	Provides a class for faking git requests and responses from a Splunk server.
 Permissions	Provides access to read/write permissions.
 RequestException	The exception that is thrown when a Splunk service request fails.
 Resource	Provides a base class that represents a Splunk resource as an object.
 ResourceCollection	Provides a base class that

Class	
SavedSearchAttributes Class	
SavedSearchCollection Class	
SavedSearchCollection.Filter Class	
SavedSearchDispatchArgs Class	
SavedSearchTemplateArgs Class	
Scheme Enumeration	
SearchEventArgs Class	
SearchExportArgs Class	
SearchExportStream Class	
SearchMode Enumeration	
SearchPreview Class	
SearchPreviewStream Class	
SearchResult Class	
SearchResultArgs Class	
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ServerMessageCollection Class	
ServerMessageCollection.Filter Class	
ServerMessageSeverity Enumeration	
ServerMode Enumeration	
ServerSettings Class	
ServerSettingValues Class	
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SortMode Enumeration	
StoragePassword Class	
StoragePasswordCollection Class	
StoragePasswordCollection.Filter Class	
TaggedFieldValue Class	
Transmitter Class	
TransmitterArgs Class	
TruncationMode Enumeration	

 ResourceName	represents a Splunk resource as an object.
 ResourceNotFoundException	Represents a Splunk resource name.
 Response	The exception that is thrown when a request to retrieve a resource results in NotFound .
 SavedSearch	Represents a Splunk service response.
 SavedSearch.ActionsAdapter	Provides an object representation of a Splunk saved search.
 SavedSearch.ActionsAdapter.Action<TAction>	The actions adapter.
 SavedSearch.ActionsAdapter.EmailAdapter	An action.
 SavedSearch.ActionsAdapter.PopulateLookupAdapter	An e-mail adapter.
 SavedSearch.ActionsAdapter.RssAdapter	A populate lookup adapter.
 SavedSearch.ActionsAdapter.ScriptAdapter	The RSS adapter.
 SavedSearch.ActionsAdapter.SummaryIndexAdapter	A script adapter.
 SavedSearch.AlertAdapter	A summary index adapter.
 SavedSearch.AlertAdapter.SuppressAdapter	An alert adapter.
 SavedSearch.AutoSummarizeAdapter	The suppress adapter.
 SavedSearch.AutoSummarizeAdapter.DispatchAdapter	An automatic summarize adapter.
 SavedSearch.DispatchAdapter	A dispatch adapter.
 SavedSearch.DisplayAdapter	A display adapter.
 SavedSearch.DisplayAdapter.EventsAdapter	A dispatch adapter.
 SavedSearch.DisplayAdapter.EventsAdapterListAdapter	The events adapter.
 SavedSearch.DisplayAdapter.EventsAdapter.RawAdapter	A list adapter.
 SavedSearch.DisplayAdapter.EventsAdapter.TableAdapter	A raw adapter.
 SavedSearch.DisplayAdapter.EventsAdapter.TableAdapter	A table adapter.

 UnauthorizedAccessException Class
 ValueConverter(TValue) Class

 SavedSearch.DisplayAdapter.GeneralAdapter	A general adapter.
 SavedSearch.DisplayAdapter.GeneralAdapter.TimeRangePickerAdapter	A time range picker adapter.
 SavedSearch.DisplayAdapter.PageAdapter	A page adapter.
 SavedSearch.DisplayAdapter.PageAdapter.PivotAdapter	A pivot adapter.
 SavedSearch.DisplayAdapter.PageAdapter.SearchAdapter	A search adapter.
 SavedSearch.DisplayAdapter.PageAdapter.SearchAdapter.TimelineAdapter	A timeline adapter.
 SavedSearch.DisplayAdapter.StatisticsAdapter	The statistics adapter.
 SavedSearch.DisplayAdapter.VisualizationsAdapter	The visualizations adapter.
 SavedSearch.DisplayAdapter.VisualizationsAdapter.ChartingAdapter	A charting adapter.
 SavedSearch.Filter	Provides the arguments required for retrieving information about a SavedSearch
 SavedSearch.RequestAdapter	A request adapter.
 SavedSearchAttributes	Provides the arguments for creating a SavedSearch .
 SavedSearchCollection	Represents a collection of saved searches.
 SavedSearchCollection.Filter	Provides the arguments required for retrieving SavedSearch entries.
 SavedSearchDispatchArgs	Provides the arguments required for retrieving transformed search results.
 SavedSearchTemplateArgs	Provides custom arguments to a SavedSearch .
 SearchEventArgs	Provides the arguments required for retrieving untransformed search results.
 SearchExportArgs	Provides the arguments required for starting a new search export job.
 SearchExportStream	The SearchExportStream class represents a streaming XML reader for Splunk SearchResultStream .

	SearchPreview	Represents a search result preview on a SearchPreviewStream .
	SearchPreviewStream	The SearchPreviewStream class represents a streaming XML reader for Splunk SearchResultStream .
	SearchResult	Represents a single record on a SearchResultStream .
	SearchResultArgs	Provides arguments for retrieving transformed SearchResultStream .
	 SearchResultStream	Represents an enumerable, observable stream of SearchResult records.
	Server	Provides an object representation of a Splunk server.
	ServerInfo	Provides information about a Splunk server instance.
	ServerMessage	Provides an object representation of a Splunk server message entity.
	ServerMessageCollection	Collection of server messages.
	ServerMessageCollection.Filter	Provides arguments for retrieving a ServerMessageCollection .
	ServerSettings	Provides an object representation of the settings of a Splunk server.
	ServerSettingValues	Provides arguments for updating Splunk Server setting values.
	Service	Provides access to the Splunk REST API offered on a Splunk management port.
	StoragePassword	Provides an object representation of a Splunk storage password.
	StoragePasswordCollection	Provides an object representation of a collection of Splunk storage passwords.
	StoragePasswordCollection.Filter	Provides arguments for retrieving a StoragePasswordCollection .

	TaggedFieldValue	Provides an object representation of a tagged field value.
	Transmitter	Provides a class for sending events to Splunk.
	TransmitterArgs	Provides arguments for sending events to a Splunk Transmitter .
	UnauthorizedAccessException	The exception that is thrown when a request to access a resource results in Forbidden .
	ValueConverter<TValue>	Provides a way to convert objects to values of some type.

► Structures

Structure	Description
	Pagination . A pagination.

► Interfaces

Interface	Description
 IApplication	Provides an operational interface to Splunk application entities.
 IApplicationArchiveInfo	Interface for application archive information.
 IApplicationCollection<TApplication>	Provides an operational interface to the Splunk application collection.
 IApplicationSetupInfo	Interface for application setup information.
 IApplicationUpdateInfo	Interface for application update information.
 IBaseResource	Interface for base resource.
 IConfiguration<TConfigurationStanza>	Provides an operational interface for accessing and updating Splunk configuration files.
 IConfigurationCollection<TConfiguration, TConfigurationStanza>	Provides an operational interface over a collection of Splunk configuration files.
 IConfigurationSetting	Interface for configuration setting.
 IConfigurationStanza	Interface for configuration stanza.

»	IEntity	Provides an operational interface common to all Splunk entities.
»	IEntityCollection<TEntity, TResource>	Provides an operational interface common to all Splunk entity collections.
»	IIndex	Provides an operational interface to Splunk index entities.
»	IIndexCollection<TIndex>	Provides an operational interface to the Splunk application collection.
»	IJob	Provides an operational interface to a search job.
»	IJobCollection<TJob>	Interface for job collection.
»	IPaginated	Provides an operational interface to the Splunk application collection.
»	ISavedSearch	Provides an operational interface to Splunk saved search entities.
»	ISavedSearchCollection<TSavedSearch>	Provides an operational interface to a Splunk saved search entity collection.
»	IServer	Interface for server.
»	IServerInfo	Provides an operational interface to the Splunk server info resource.
»	IServerMessage	Provides an object representation of a Splunk server message entity.
»	IServerMessageCollection<TServerMessage>	Provides a class for accessing Splunk server messages.
»	IServerSettings	Provides an operational interface the Splunk server settings resource.
»	IService	Provides an operational interface to the Splunk REST API.
»	IStoragePassword	Interface for storage password.
»	IStoragePasswordCollection<TStoragePassword>	Interface for storage password collection.
»	ITransmitter	Interface for transmitter.

▲ Enumerations

Enumeration	Description
 AlertComparator	Used with a threshold value to trigger the alert actions of a SavedSearch .
 AlertSeverity	Specifies the severity of an alert triggered by a scheduled search.
 AlertTrack	Specifies whether to track the actions triggered by a scheduled search.
 AlertType	Specifies the condition under which the alert actions of a SavedSearch are triggered.
 DispatchState	Specifies the state of a search Job .
 EmailFormat	Specifies the format of text in an e-mail.
 ExecutionMode	Specifies the type of a Splunk search Job .
 LicenseState	Specifies the state of the license installed on a Splunk server instance.
 MessageType	Specifies the type of a server response Message .
 OutputMode	Specifies the format for the output from a search command.
 PaperOrientation	Specifies the page orientation for a report.
 PaperSize	Specifies the paper size of a PDF report.
 Scheme	Values that represent Scheme.
 SearchMode	Specifies the mode for a search job.
 ServerMessageSeverity	Specifies the severity of a ServerMessage .
 ServerMode	Specifies whether or not a Splunk server instance is a dedicated forwarder.
 SharingMode	Values that represent SharingMode.
 SortDirection	Specifies the direction in which to sort a list of items.
 SortMode	Specifies the direction in which to sort a list of items.
 TruncationMode	Provides enumerated values that specify how Splunk reduces the number of lines in the <code>_raw</code> field of events.



Splunk.ModularInputs Namespace

- [Splunk.ModularInputs](#)
- [Argument Class](#)
- [Argument.ValidationHandler Delegate](#)
- [DataType Enumeration](#)
- [DebuggerAttachPoints Enumeration](#)
- [Event Structure](#)
- [EventWriter Class](#)
- [EventWrittenProgressReport Structure](#)
- [InputDefinition Class](#)
- [InputDefinitionCollection Class](#)
- [InputDefinitionCollection.Stanz Class](#)
- [ModularInput Class](#)
- [MultiValueParameter Class](#)
- [Parameter Class](#)
- [Scheme Class](#)
- [Scheme.EndpointElement Class](#)
- [Severity Enumeration](#)
- [SingleValueParameter Class](#)
- [StreamingMode Enumeration](#)
- [Validation Class](#)
- [Validation.Item Class](#)

Splunk.ModularInputs Namespace

This package contains a library for creating Modular Inputs for Splunk.

▪ Classes

Class	Description
 Argument	
 EventWriter	
 InputDefinition	
 InputDefinitionCollection	
 InputDefinitionCollection.Stanza	
 ModularInput	
 MultiValueParameter	
 Parameter	
 Scheme	
 Scheme.EndpointElement	
 SingleValueParameter	
 Validation	
 Validation.Item	

◀ Structures

Structure	Description
	Event
	EventWrittenProgressReport

◀ Delegates

Delegate	Description
	Argument.ValidationHandler

◀ Enumerations

Enumeration	Description
	DataType
	DebuggerAttachPoints
	Severity
	StreamingMode

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System Status

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The Education Sector

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Analytics

More

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▶	Splunk.Client Namespace
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Application Class

Provides a class for managing Splunk applications.

► Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
    Splunk.Client.BaseEntity<Resource>
      Splunk.Client.Entity<Resource>
        Splunk.Client.Application
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public class Application : Entity<Resource>,
                           IApplication, IEntity
```

The [Application](#) type exposes the following members.

► Constructors

	Name	Description
≡	Application()	Infrastructure. Initializes a new instance of the Application class.
≡	Application(Context, AtomFeed)	Initializes a new instance of the Application class.
≡		

	<code>Application(Service, String)</code>	Initializes a new instance of the <code>Application</code> class.
	<code>Application(Context, Namespace, String)</code>	Initializes a new instance of the <code>Application</code> class.

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Properties

	Name	Description
	<code>ApplicationAuthor</code>	Gets the application author.
	<code>Author</code>	Gets the username of the splunk.com account for publishing the current <code>Application</code> to Splunkbase.
	<code>CheckForUpdates</code>	Gets a value that indicates whether Splunk should check Splunkbase for updates to the current <code>Application</code> .
	<code>Configured</code>	Gets a value that indicates whether custom setup has been performed on the current <code>Application</code> .
	<code>Content</code>	Gets the content. (Inherited from <code>Entity<TResource></code> .)
	<code>Context</code>	Gets the <code>Context</code> instance for the current <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)
	<code>Description</code>	Gets the short explanatory string displayed underneath the title of the current <code>Application</code> in Launcher.
	<code>Disabled</code>	Gets a value indicating whether the current <code>Application</code> is disabled.

	Dynamic	Gets the dynamic. (Inherited from BaseEntity<TResource> .)
	Eai	Gets the extensible administration interface properties for the current Application .
	GeneratorVersion	(Inherited from BaseEntity<TResource> .)
	Id	(Inherited from BaseEntity<TResource> .)
	Label	Gets the name of the current Application for display in the Splunk GUI and Launcher.
	Links	Gets the links.
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	Refresh	Gets a value that indicates whether objects contained in the current Application should be reloaded.
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current

entity.
(Inherited from
 [BaseEntity<TResource>.](#))

	StateChangeRequiresRestart	Gets a value that indicates whether changing the state of the current Application always requires restarting Splunk.
	Title	(Inherited from BaseEntity<TResource>.)
	Updated	(Inherited from BaseEntity<TResource>.)
	Version	Gets the version string for the current Application .
	Visible	Gets a value that indicates if the current Application is visible and navigable from Splunk Web.

[Top](#)

▲ Methods

Name	Description
	CompareTo(Object) Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)

	CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
	CreateSnapshot(TResource)	Updates the content of the current BaseEntity< TResource > in derived types. (Inherited from BaseEntity< TResource > .)
	CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity< TResource > in derived types. (Inherited from Entity< TResource > .)
	CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity< TResource > . (Inherited from Entity< TResource > .)
	DisableAsync	Asynchronously disables the current Application .
	EnableAsync	Asynchronously enables the current Application .
	Equals(Object)	Determines whether the specified Endpoint refers

		to the same resource as the current one. (Inherited from Endpoint .)
	Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from Entity<TResource> .)
	GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
	GetSetupInfoAsync	Asynchronously retrieves setup information for the current Application .
	GetType	Gets the Type of the current instance. (Inherited from Object .)

	GetUpdateInfoAsync	Asynchronously gets update information for the current Application .
	GetValue< TValue >	Gets a converted property value from the current snapshot of the current Entity< TResource > . (Inherited from Entity< TResource > .)
	Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
	Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized

	Endpoint. (Inherited from Endpoint .)
 MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
 PackageAsync	Asynchronously archives the current Application .
 ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity<TResource> . (Inherited from BaseEntity<TResource> .)
 RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from Entity<TResource> .)
 SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from Entity<TResource> .)
 ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)
 UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from Entity<TResource> .)

	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from Entity<TResource> .)
	UpdateAsync(ApplicationAttributes, Boolean)	Asynchronously updates the attributes of the application represented by the current instance.

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► Remarks

References:

1. [Apps and add-ons: an introduction.](#)
2. [Package your app or add-on.](#)
3. [REST API Reference: Applications.](#)

► See Also

Reference

[Splunk.Client Namespace](#)
[Splunk.Client.Entity<Resource>](#)
[Splunk.Client.IApplication](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

ApplicationArchiveInfo Class

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ApplicationArchiveInfo Class

Provides information about an application archive produced by Splunk.

Inheritance Hierarchy

System.Object

System.Dynamic.DynamicObject

Splunk.Client.ExpandoAdapter

Splunk.Client.BaseResource

Splunk.Client.Resource

Splunk.Client.ApplicationArchiveInfo

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public class ApplicationArchiveInfo : Resource,  
    IApplicationArchiveInfo, IBaseResource
```

The [ApplicationArchiveInfo](#) type exposes the following members.

Constructors

	Name	Description
	ApplicationArchiveInfo	Infrastructure. Initializes a new instance of the ApplicationArchiveInfo class.

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Properties

	Name	Description
	ApplicationName	Gets the name of the application contained by the application archive.
	Content	(Inherited from BaseResource .)
	Eai	Gets the access control list for the application archive.
	GeneratorVersion	Gets the generator version. (Inherited from BaseResource .)
	Id	Gets the identifier. (Inherited from BaseResource .)
	Path	Gets the local path to the application archive.
	Refresh	Gets a value indicating whether to reload the objects contained in the locally installed application.
	Resources	(Inherited from BaseResource .)
	Title	Gets the title. (Inherited from BaseResource .)
	Updated	Gets the Date/Time of the updated. (Inherited from BaseResource .)
	Uri	Gets the download URI for the application archive.

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Methods

	Name	Description
≡	Equals(Object)	Determines whether the specified resource refers to the same resource as the current one. (Inherited from BaseResource .)
≡	Equals(BaseResource)	Determines whether the specified resource refers to the same resource as the current one. (Inherited from BaseResource .)
💡	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
≡	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
≡	GetHashCode	Returns the hash code for the current resource. (Inherited from BaseResource .)
≡	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)

	GetValue(String)	Gets a named item from the <code>Dictionary< TKey, TValue> "/></code> backing the current <code>ExpandoAdapter</code> . (Inherited from <code>ExpandoAdapter</code> .)
	GetValue< TValue>(String, ValueConverter< TValue>)	Gets a named item from the underlying <code>Object"/></code> and applies a <code>ValueConverter< TValue></code> . (Inherited from <code>ExpandoAdapter</code> .)
	Initialize(AAtomFeed)	Infrastructure. Initializes the current uninitialized <code>Resource</code> . (Inherited from <code>Resource</code> .)
	Initialize(AAtomEntry, Version)	Infrastructure. Initializes the current uninitialized resource. (Inherited from <code>Resource</code> .)
	MemberwiseClone	Creates a shallow copy of the current <code>Object</code> . (Inherited from <code>Object</code> .)
	ToString	Gets a string identifying the current resource. (Inherited from <code>BaseResource</code> .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the <code>DynamicObject</code> class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from <code>DynamicObject</code> .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the <code>DynamicObject</code> class can override this method to specify dynamic behavior for operations that convert an object from one type to another.

(Inherited from [DynamicObject](#).)

	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
	TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)
	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate.

(Inherited from [DynamicObject](#).)[TryInvokeMember](#)

Provides the implementation for operations that invoke a member. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as calling a method.
(Inherited from [DynamicObject](#).)

[TrySetIndex](#)

Provides the implementation for operations that set a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations that access objects by a specified index.
(Inherited from [DynamicObject](#).)

[TrySetMember](#)

Provides the implementation for operations that set member values. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as setting a value for a property.
(Inherited from [DynamicObject](#).)

[TryUnaryOperation](#)

Provides implementation for unary operations. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement.
(Inherited from [DynamicObject](#).)

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► Remarks

You can produce an application archive using the [PackageAsync\(\)](#) method.

See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Resource](#)

[Splunk.Client.IApplicationArchiveInfo](#)



↳ Splunk.Client Namespace

↳ Splunk.Client

ApplicationAttributes Class

ApplicationAttributes
Constructor

↳ ApplicationAttributes
Properties

ApplicationAttributes Methods

ApplicationAttributes Class

Provides arguments for setting the attributes of an [Application](#).

► Inheritance Hierarchy

System.Object
Splunk.Client.Args<ApplicationAttributes>
Splunk.Client.ApplicationAttributes

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

Copy

```
public sealed class ApplicationAttributes :  
    Args<ApplicationAttributes>
```

The [ApplicationAttributes](#) type exposes the following members.

► Constructors

	Name	Description
≡	ApplicationAttributes	Initializes a new instance of the ApplicationAttributes class

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► Properties

	Name	Description
--	------	-------------

	ApplicationAuthor	Gets or sets the username of the splunk.com account for publishing an application to Splunkbase.
	Configured	Gets or sets a value that indicates whether custom setup has been performed on an application.
	Description	Gets or sets the short explanatory string displayed underneath the title of an application in Launcher.
	Label	Gets or sets the name of an application for display in the Splunk GUI and Launcher.
	Version	Gets or sets the version string for an application.
	Visible	Gets or sets a value that indicates if an Application is visible and navigable from Splunk Web.

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	ToString	Gets a string representation for the current

Args<TArgs>.
(Inherited from Args<TArgs>.)

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◀ Remarks

References:

1. [REST API Reference: POST apps/local.](#)
2. [REST API Reference: POST apps/local/{name}.](#)

◀ See Also

Reference

[Splunk.Client Namespace](#)

Splunk.Client.Args<ApplicationAttributes>



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

ApplicationCollection Class

↳ [ApplicationCollection Constructor](#)

↳ [ApplicationCollection Properties](#)

↳ [ApplicationCollection Methods](#)

ApplicationCollection Class

Provides an object representation of a collection of Splunk applications.

Inheritance Hierarchy

System.Object

Splunk.Client.Endpoint

Splunk.Client.BaseEntity<ResourceCollection>

Splunk.Client.EntityCollection<Application, Resource>

Splunk.Client.ApplicationCollection

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public class ApplicationCollection :  
    EntityCollection<Application, Resource>,  
    IApplicationCollection<Application>, IPaginated,  
    IEntityCollection<Application, Resource>,  
    IReadOnlyList<Application>,  
    IReadOnlyCollection<Application>, IEnumerable<Application>,  
    IEnumerable
```

The [ApplicationCollection](#) type exposes the following members.

Constructors

	Name	Description
	ApplicationCollection()	Infrastructure. Initializes a new instance of the

	ApplicationCollection(Service)	Initializes a new instance of the ApplicationCollection class.
	ApplicationCollection(Context, AtomFeed)	Initializes a new instance of the ApplicationCollection class.
	ApplicationCollection(Context, Namespace)	Initializes a new instance of the ApplicationCollection class.

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Properties

	Name	Description
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	Count	Gets the number of entries in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
	Dynamic	Gets the dynamic. (Inherited from BaseEntity< TResource > .)
	GeneratorVersion	(Inherited from BaseEntity< TResource > .)
	Id	(Inherited from BaseEntity< TResource > .)
	Item	Gets the entity at the specified <i>index</i> . (Inherited from EntityCollection< TEntity, TResource > .)
	Messages	Gets the messages.

	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	Pagination	Gets the pagination properties for the current Splunk entity collection.
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity<TResource> .)
	Title	(Inherited from BaseEntity<TResource> .)
	Updated	(Inherited from BaseEntity<TResource> .)

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◀ Methods

Name	Description
	CompareTo(Object) Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from

Endpoint.)



CompareTo(Endpoint)

Compares the specified [Endpoint](#) with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from [Endpoint](#).)



CreateAsync(Argument[])

Asynchronously creates a new Splunk entity. (Inherited from [EntityCollection< TEntity, TResource >](#).)



CreateAsync(IEnumerable<Argument>)

Asynchronously creates a new Splunk entity. (Inherited from [EntityCollection< TEntity, TResource >](#).)



CreateAsync(String, String, ApplicationAttributes)

Asynchronously creates a new Splunk application from a template.



CreateSnapshot(AtomFeed)

Updates the [Snapshot](#) of the current [BaseEntity< TResource >](#) in derived types. (Inherited from [EntityCollection< TEntity, TResource >](#).)



CreateSnapshot(ResourceCollection)

Updates the content of the current [BaseEntity<](#)

	<p>TResource> in derived types. (Inherited from EntityCollection< TEntity, TResource >.)</p>
	<p>CreateSnapshot(AtomEntry, Version)</p> <p>Updates the content of the current BaseEntity< TResource >. (Inherited from EntityCollection< TEntity, TResource >.)</p>
	<p>Equals(Object)</p> <p>Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint.)</p>
	<p>Equals(Endpoint)</p> <p>Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint.)</p>
	<p>Finalize</p> <p>Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object.)</p>
	<p>GetAllAsync</p> <p>Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource >.</p>

(Inherited from EntityCollection< TEntity, TResource >.)



GetAsync

Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name.
(Inherited from EntityCollection< TEntity, TResource >.)



GetEnumerator

Gets an enumerator that iterates through the current EntityCollection< TEntity, TResource >.
(Inherited from EntityCollection< TEntity, TResource >.)



GetHashCode

Returns the hash code for the current Endpoint.
(Inherited from Endpoint.)



GetOrNullAsync

Asynchronously retrieves an entity in the current collection by name.
(Inherited from EntityCollection< TEntity, TResource >.)



GetSliceAsync(ApplicationCollection.Filter)

Asynchronously retrieves select entities in the current application entity collection.



GetSliceAsync(Argument[])

Asynchronously retrieves

	<code>Select()</code>	select entities from the list of entites in the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code>EntityCollection< TEntity, TResource ></code> .)
⌚	<code>GetSliceAsync(IEnumerable<Argument>)</code>	Asynchronously retrieves select entities from the list of entites in the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code>EntityCollection< TEntity, TResource ></code> .)
⌚	<code>GetType</code>	Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code> .)
💡	<code>Initialize(Context, AtomFeed)</code>	Infrastructure. Initializes the current uninitialized <code> BaseEntity< TResource ></code> . class. (Inherited from <code> BaseEntity< TResource ></code> .)
💡	<code>Initialize(Context, TResource)</code>	Infrastructure. Initializes the current uninitialized <code> BaseEntity< TResource ></code> . class. (Inherited from <code> BaseEntity< TResource ></code> .)
💡	<code>Initialize(Context, Uri)</code>	Infrastructure. Initializes the current uninitialized <code> Endpoint</code> . (Inherited from

[Endpoint.\)](#)

	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
	InstallAsync	Asynchronously installs an application from a Splunk application archive file.
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity<TResource> . (Inherited from BaseEntity<TResource> .)
	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)



ToString

Gets a string identifying the current [Endpoint](#).
(Inherited from [Endpoint](#).)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.EntityCollection<Application, Resource>](#)

[Splunk.Client.IApplicationCollection<Application>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

ApplicationCollection.Filter Class

[ApplicationCollection.Filter Constructor](#)

↳ [Filter Properties](#)

[Filter Methods](#)

ApplicationCollection.Filter Class

Provides selection criteria for retrieving a slice of an [ApplicationCollection](#).

Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Args<ApplicationCollection.Filter>](#)

[Splunk.Client.ApplicationCollection.Filter](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public sealed class Filter : Args<ApplicationCollection. Filter>
```

The [ApplicationCollection. Filter](#) type exposes the following members.

Constructors

	Name	Description
≡	ApplicationCollection.Filter	Initializes a new instance of the ApplicationCollection. Filter class

[Top](#)

Properties

	Name	Description
--	------	-------------

	Count	Gets or sets a value specifying the maximum number of Application entries to return.
	Offset	Gets or sets a value specifying the first result (inclusive) from which to begin returning entries.
	Refresh	Gets or sets a value indicating whether to scan for new Application instances and reload any objects those new instances contain.
	Search	Gets or sets a search expression to filter Application entries.
	SortDirection	Gets or sets a value specifying the sort direction for Application entries.
	SortMode	Gets or sets a value specifying the sort mode for Application entries.

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	ToString	Gets a string representation for the current Args<TArgs> . (Inherited from Args<TArgs> .)

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◀ Remarks

References:

1. [REST API: GET apps/local](#)

◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Args<ApplicationCollection.Filter>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

ApplicationSetupInfo Class

[ApplicationSetupInfo Constructor](#)

↳ [ApplicationSetupInfo Properties](#)

[ApplicationSetupInfo Methods](#)

ApplicationSetupInfo Class

Represents the setup information for an [Application](#).

Inheritance Hierarchy

System.Object

System.Dynamic.DynamicObject

Splunk.Client.ExpandoAdapter

Splunk.Client.BaseResource

Splunk.Client.Resource

Splunk.Client.ApplicationSetupInfo

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public class ApplicationSetupInfo : Resource,  
    IApplicationSetupInfo, IBaseResource
```

The [ApplicationSetupInfo](#) type exposes the following members.

Constructors

	Name	Description
≡	ApplicationSetupInfo	Infrastructure. Initializes a new instance of the ApplicationSetupInfo class.

[Top](#)

Properties

	Name	Description
	Content	(Inherited from BaseResource .)
	Eai	Gets The extensible administration interface properties for the current ApplicationSetupInfo .
	GeneratorVersion	Gets the generator version. (Inherited from BaseResource .)
	Id	Gets the identifier. (Inherited from BaseResource .)
	Refresh	Gets a value indicating whether to reload the objects contained in the locally installed application.
	Resources	(Inherited from BaseResource .)
	Setup	Gets a listing of the setup script for the application.
	Title	Gets the title. (Inherited from BaseResource .)
	Updated	Gets the Date/Time of the updated. (Inherited from BaseResource .)

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Methods

	Name	Description
	Equals(Object)	Determines whether the specified resource refers to the same resource

as the current one.
(Inherited from [BaseResource](#).)

	Equals(BaseResource)	Determines whether the specified resource refers to the same resource as the current one. (Inherited from BaseResource .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Returns the hash code for the current resource. (Inherited from BaseResource .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue(String)	Gets a named item from the Dictionary< TKey, TValue > "/> backing the current ExpandoAdapter .

(Inherited from [ExpandoAdapter](#).)

	GetValue< TValue >(String, ValueConverter< TValue >)	Gets a named item from the underlying Object and applies a ValueConverter< TValue > . (Inherited from ExpandoAdapter .)
	Initialize(AtomFeed)	Infrastructure. Initializes the current uninitialized Resource . (Inherited from Resource .)
	Initialize(AtomEntry, Version)	Infrastructure. Initializes the current uninitialized resource. (Inherited from Resource .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Gets a string identifying the current resource. (Inherited from BaseResource .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from DynamicObject .)
	TryCreateInstance	Provides the implementation for

	<p>operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject.)</p>
	<p>TryDeleteIndex</p> <p>Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject.)</p>
	<p>TryDeleteMember</p> <p>Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject.)</p>
	<p>TryGetIndex</p> <p>Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject.)</p>
	<p>TryGetMember</p> <p>Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter.)</p>
	<p>TryInvoke</p> <p>Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject.)</p>
	<p>TryInvokeMember</p> <p>Provides the implementation for</p>

operations that invoke a member. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as calling a method.
(Inherited from [DynamicObject](#).)



[TrySetIndex](#)

Provides the implementation for operations that set a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations that access objects by a specified index.
(Inherited from [DynamicObject](#).)



[TrySetMember](#)

Provides the implementation for operations that set member values. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as setting a value for a property.
(Inherited from [DynamicObject](#).)



[TryUnaryOperation](#)

Provides implementation for unary operations. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement.
(Inherited from [DynamicObject](#).)

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▲ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Resource](#)

Splunk.Client.IApplicationSetupInfo



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

ApplicationUpdateInfo Class

[ApplicationUpdateInfo Constructor](#)

↳ [ApplicationUpdateInfo Properties](#)

[ApplicationUpdateInfo Methods](#)

ApplicationUpdateInfo Class

Provides an object representation for the update information available for an application.

Inheritance Hierarchy

[System.Object](#)

[System.Dynamic.DynamicObject](#)

[Splunk.Client.ExpandoAdapter](#)

[Splunk.Client.BaseResource](#)

[Splunk.Client.Resource](#)

[Splunk.Client.ApplicationUpdateInfo](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public class ApplicationUpdateInfo : Resource,  
    IApplicationUpdateInfo, IBaseResource
```

The [ApplicationUpdateInfo](#) type exposes the following members.

Constructors

	Name	Description
	ApplicationUpdateInfo	Infrastructure. Initializes a new instance of the ApplicationUpdateInfo class.

[Top](#)

Properties

	Name	Description
	Content	(Inherited from BaseResource .)
	Eai	Gets the extensible administration interface properties for the current ApplicationUpdateInfo .
	GeneratorVersion	Gets the generator version. (Inherited from BaseResource .)
	Id	Gets the identifier. (Inherited from BaseResource .)
	Refresh	Gets a value indicating whether to reload the objects contained in the locally installed application.
	Resources	(Inherited from BaseResource .)
	Title	Gets the title. (Inherited from BaseResource .)
	Update	Gets the properties of the update.
	Updated	Gets the Date/Time of the updated. (Inherited from BaseResource .)

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Methods

	Name	Description
	Equals(Object)	Determines whether the specified resource refers to the same resource as the current one.

(Inherited from [BaseResource](#).)

	Equals(BaseResource)	Determines whether the specified resource refers to the same resource as the current one. (Inherited from BaseResource .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Returns the hash code for the current resource. (Inherited from BaseResource .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue(String)	Gets a named item from the Dictionary< TKey, TValue> "/> backing the current ExpandoAdapter . (Inherited from ExpandoAdapter .)

	GetValue< TValue >(String, ValueConverter< TValue >)	Gets a named item from the underlying Object ">/ and applies a ValueConverter< TValue > . (Inherited from ExpandoAdapter .)
	Initialize(AAtomFeed)	Infrastructure. Initializes the current uninitialized Resource . (Inherited from Resource .)
	Initialize(AAtomEntry, Version)	Infrastructure. Initializes the current uninitialized resource. (Inherited from Resource .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Gets a string identifying the current resource. (Inherited from BaseResource .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from DynamicObject .)
	TryCreateInstance	Provides the implementation for operations that initialize a new

instance of a dynamic object. This method is not intended for use in C# or Visual Basic.
(Inherited from [DynamicObject](#).)

	TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
	TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)
	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject .)
	TryInvokeMember	Provides the implementation for operations that invoke a member.

Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as calling a method.
(Inherited from [DynamicObject](#).)

 TrySetIndex	Provides the implementation for operations that set a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that access objects by a specified index. (Inherited from DynamicObject .)
 TrySetMember	Provides the implementation for operations that set member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as setting a value for a property. (Inherited from DynamicObject .)
 TryUnaryOperation	Provides implementation for unary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement. (Inherited from DynamicObject .)

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See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Resource](#)

[Splunk.Client.IApplicationUpdateInfo](#)



▶ Splunk.Client Namespace

▶ Splunk.Client

◀ **ApplicationUpdateInfo.UpdateAdapter Class**

▶ ApplicationUpdateInfo.UpdateAdapter Constructor

▶ UpdateAdapter Properties

▶ UpdateAdapter Methods

ApplicationUpdateInfo.UpdateAdapter Class

An update adapter.

◀ Inheritance Hierarchy

System.Object

System.Dynamic.DynamicObject

Splunk.Client.ExpandoAdapter

Splunk.Client.ExpandoAdapter<ApplicationUpdateInfo.UpdateAdapter>

Splunk.Client.ApplicationUpdateInfo.UpdateAdapter

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

◀ Syntax

C#

Copy

```
public class UpdateAdapter : ExpandoAdapter<ApplicationUpdateInfo.  
UpdateAdapter>
```

The [ApplicationUpdateInfo.UpdateAdapter](#) type exposes the following members.

◀ Constructors

	Name	Description
≡	ApplicationUpdateInfo.UpdateAdapter	Initializes a new instance of the ApplicationUpdateInfo.UpdateAdapter class

[Top](#)

Properties

	Name	Description
	ApplicationName	Get the name of the application.
	ApplicationUri	Gets the download URI for the application update.
	Checksum	Gets the checksum for the application update.
	ChecksumType	Gets the name of the checksum type used to compute the application update Checksum .
	Homepage	Get the URI to the Splunkbase page for the application.
	ImplicitIdRequired	Gets a value that indicates if the application has an explicit ID in app.conf.
	Size	Gets the size of the application update.
	Version	Get the version of the application update.

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Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic

		member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue(String)	Gets a named item from the Dictionary< TKey, TValue > backing the current ExpandoAdapter . (Inherited from ExpandoAdapter .)
	GetValue< TValue >(String, ValueConverter< TValue >)	Gets a named item from the underlying Object and applies a ValueConverter< TValue > . (Inherited from ExpandoAdapter .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Returns a string that represents the current object. (Inherited from Object .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this

		method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject .)
≡	TryConvert	Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from DynamicObject .)
≡	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
≡	TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
≡	TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
≡	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
≡	TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)

	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject .)
	TryInvokeMember	Provides the implementation for operations that invoke a member. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as calling a method. (Inherited from DynamicObject .)
	TrySetIndex	Provides the implementation for operations that set a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that access objects by a specified index. (Inherited from DynamicObject .)
	TrySetMember	Provides the implementation for operations that set member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as setting a value for a property. (Inherited from DynamicObject .)
	TryUnaryOperation	Provides implementation for unary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement. (Inherited from DynamicObject .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[**Splunk.Client.ExpandoAdapter<ApplicationUpdateInfo.UpdateAdapter>**](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Args(TArgs) Class**

↳ [Args\(TArgs\) Constructor](#)

↳ [Args\(TArgs\) Methods](#)

Args<TArgs> Class

Provides a base class for representing strongly typed arguments to Splunk endpoints.

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Args<TArgs>](#)

[More...](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public abstract class Args<TArgs> : IEnumerable<Argument>,
    IEnumerable
where TArgs : Args<TArgs>
```

Type Parameters

TArgs

Type of the arguments.

The `Args< TArgs >` type exposes the following members.

↳ Constructors

	Name	Description
	Args<TArgs>	Initializes a new instance of the <code>Args< TArgs ></code> class.

[Top](#)

◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Gets a string representation for the current Args<TArgs> . (Overrides Object.ToString() .)

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◀ See Also

[Reference](#)[Splunk.Client Namespace](#)[System.Collections.Generic.IEnumerable<Argument>](#)

◀ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Args<TArgs>](#)
[Splunk.Client.ApplicationAttributes](#)
[Splunk.Client.ApplicationCollection.Filter](#)
[Splunk.Client.IndexAttributes](#)
[Splunk.Client.IndexCollection.Filter](#)
[Splunk.Client.JobArgs](#)
[Splunk.Client.JobCollection.Filter](#)
[Splunk.Client.SavedSearch.Filter](#)
[Splunk.Client.SavedSearchAttributes](#)
[Splunk.Client.SavedSearchCollection.Filter](#)
[Splunk.Client.SavedSearchDispatchArgs](#)
[Splunk.Client.SearchEventArgs](#)
[Splunk.Client.SearchExportArgs](#)
[Splunk.Client.SearchResultArgs](#)
[Splunk.Client.ServerMessageCollection.Filter](#)
[Splunk.Client.ServerSettingValues](#)
[Splunk.Client.StoragePasswordCollection.Filter](#)
[Splunk.Client.TransmitterArgs](#)





- ▶ Splunk.Client Namespace
- ▶ Splunk.Client
- Argument Class
 - ▶ Argument Constructor
 - ▶ Argument Properties
 - ▶ Argument Methods
 - ▶ Argument Operators

Argument Class

Represents the value of a parameter to a Splunk REST API endpoint.

▪ Inheritance Hierarchy

System.Object
Splunk.Client.Argument

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▪ Syntax

C#

[Copy](#)

```
public class Argument : IComparable, IComparable<Argument>,
    IEquatable<Argument>
```

The [Argument](#) type exposes the following members.

▪ Constructors

	Name	Description
≡	Argument(String, Byte)	Initializes a new instance of the Argument class.
≡	Argument(String, Char)	Initializes a new instance of the Argument class.
≡	Argument(String, Decimal)	Initializes a new instance of the Argument class.
≡		

	Argument(String, Double)	Initializes a new instance of the Argument class.
≡	Argument(String, Int32)	Initializes a new instance of the Argument class.
≡	Argument(String, Int64)	Initializes a new instance of the Argument class.
≡	Argument(String, Object)	Initializes a new instance of the Argument class.
≡	Argument(String, SByte)	Initializes a new instance of the Argument class.
≡	Argument(String, Single)	Initializes a new instance of the Argument class.
≡	Argument(String, String)	Initializes a new instance of the Argument class.
≡	Argument(String, UInt32)	Initializes a new instance of the Argument class.
≡	Argument(String, UInt64)	Initializes a new instance of the Argument class.

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Properties

	Name	Description
	Name	Gets the name of the current Argument .
	Value	Gets the value of the current Argument .

[Top](#)

◀ Methods

	Name	Description
≡	CompareTo(Object)	Compares the current Argument with another object and returns an integer that indicates whether the current Argument precedes, follows, or appears in the same position in the sort order as the other object.
≡	CompareTo(Argument)	Compares the current Argument with another one and returns an integer that indicates whether the current Argument precedes, follows, or appears in the same position in the sort order as the other one.
≡	Equals(Object)	Determines whether the current Argument and another object are equal. (Overrides Object.Equals(Object) .)
≡	Equals(Argument)	Determines whether the current Argument and another one are equal.
≡	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
≡	GetHashCode	Computes the hash code for the current Argument . (Overrides Object.GetHashCode() .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
≡	MemberwiseClone	Creates a shallow copy of the current Object .

[ToString](#)

Gets a string representation for the current [Argument](#).
(Overrides [Object.ToString\(\)](#).)

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Operators

	Name	Description
	Equality	Determines whether two Argument instances have the same value.
	GreaterThan	Greater-than comparison operator.
	GreaterThanOrEqual	Greater-than-or-equal comparison operator.
	Inequality	Determines whether two Argument instances have different values.
	LessThan	Less-than comparison operator.
	LessThanOrEqual	Less-than-or-equal comparison operator.

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See Also

Reference

[Splunk.Client Namespace](#)

[System.IComparable](#)

[System.IComparable<Argument>](#)

[System.IEquatable<Argument>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

ArgumentSet Class

- ↳ [ArgumentSet Constructor](#)
- ↳ [ArgumentSet Properties](#)
- ↳ [ArgumentSet Methods](#)

ArgumentSet Class

Provides custom arguments.

► Inheritance Hierarchy

```
System.Object
  Splunk.Client.ArgumentSet
    Splunk.Client.CustomJobArgs
      Splunk.Client.SavedSearchTemplateArgs
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public class ArgumentSet : ISet<Argument>,
                           ICollection<Argument>, IEnumerable<Argument>, IEnumerable
```

The [ArgumentSet](#) type exposes the following members.

► Constructors

	Name	Description
≡	ArgumentSet(String)	Initializes a new empty instance of the ArgumentSet class.
≡	ArgumentSet(String,Argument[])	Initializes a new instance of the ArgumentSet class from a collection of Argument values.

[ArgumentSet\(String, IEnumerable<Argument>\)](#)

Initializes a new instance of the **ArgumentSet** class from a collection of [Argument](#) values.

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► Properties

	Name	Description
	ArgumentPrefix	Gets the argument prefix.
	Count	Gets the number of.
	IsReadOnly	Gets a value indicating whether this object is read only.

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► Methods

	Name	Description
	Add	Adds item.
	Clear	Clears this object to its blank/initial state.
	Contains	Query if this object contains the given item.
	CopyTo	Copies to.
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	ExceptWith	Except with.
	Finalize	Allows an object to try to free resources

		and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetEnumerator	Gets the enumerator.
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	IntersectWith	Intersect with.
	IsProperSubsetOf	Is proper subset of the given other.
	IsProperSupersetOf	Is proper superset of the given other.
	IsSubsetOf	Is subset of the given other.
	IsSupersetOf	Is superset of the given other.
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	Overlaps	Query if this object overlaps the given other.
	Remove	Removes the given item.
	SetEquals	Sets the equals.
	SymmetricExceptWith	Symmetric except with.
	ToString	Gets a string representation for the current ArgumentSet . (Overrides Object.ToString() .)



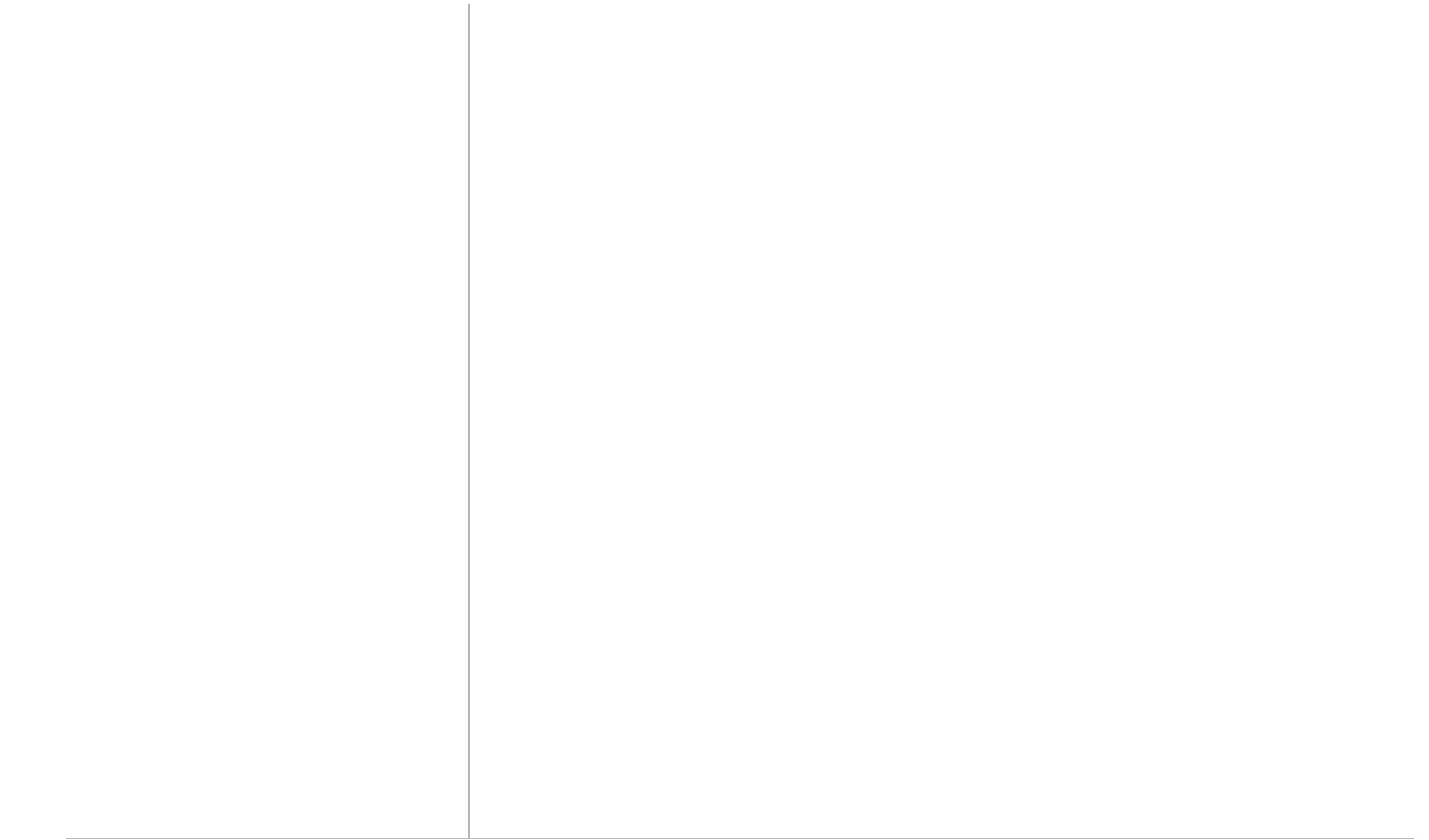
UnionWith

Union with.

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◀ See Also

[Reference](#)[Splunk.Client Namespace](#)[**System.Collections.Generic.ISet<Argument>**](#)





↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

AtomEntry Class

[AtomEntry Constructor](#)

↳ [AtomEntry Properties](#)

↳ [AtomEntry Methods](#)

AtomEntry Class

Provides an object representation of an individual entry in a Splunk Atom Feed response.

References:

1. [REST API Reference Manual: Accessing Splunk resources.](#)
2. [REST API Reference Manual: Atom Feed responses.](#)

▲ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.AtomEntry](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

[Copy](#)

```
public sealed class AtomEntry
```

The [AtomEntry](#) type exposes the following members.

▲ Constructors

	Name	Description
	AtomEntry	Initializes a new instance of the AtomEntry class.

[Top](#)

◀ Properties

	Name	Description
	Author	Gets the owner of the resource represented by the current AtomEntry , as defined in the access control list.
	Content	Gets a dynamic object representing the content of the resource represented by the current AtomEntry .
	Id	Gets the Splunk management URI for accessing the resource represented by the current AtomEntry .
	Links	Gets the links.
	Published	Gets the Date/Time of the published.
	Title	Gets the human readable name for the current AtomEntry .
	Updated	Gets the date and time the current AtomEntry was last updated in Splunk.

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)

	ReadXmlAsync	Asynchronously reads XML data into the current AtomEntry .
	ToString	Gets a string representation for the current AtomEntry . (Overrides Object.ToString() .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)



Splunk.Client Namespace

↳ Splunk.Client
↳ AlertComparator Enumeration
↳ AlertSeverity Enumeration
↳ AlertTrack Enumeration
↳ AlertType Enumeration
↳ Application Class
↳ ApplicationArchiveInfo Class
↳ ApplicationAttributes Class
↳ ApplicationCollection Class
↳ ApplicationCollection.Filter Class
↳ ApplicationSetupInfo Class
↳ ApplicationUpdateInfo Class
↳ ApplicationUpdateInfo.UpdateAdapter Class
↳ Args(TArgs) Class
↳ Argument Class
↳ ArgumentSet Class
↳ AtomEntry Class
↳ AtomFeed Class
↳ AuthenticationFailureException Class
↳ BadRequestException Class
↳ BaseEntity(TResource) Class
↳ BaseResource Class
↳ Configuration Class
↳ ConfigurationCollection Class
↳ ConfigurationSetting Class
↳ ConfigurationStanza Class
↳ Context Class
↳ CookieStore Class
↳ CustomJobArgs Class
↳ DispatchState Enumeration
↳ Eai Class
↳ EaiAcl Class
↳ EaiAttributes Class
↳ EmailFormat Enumeration
↳ Endpoint Class

Splunk.Client Namespace

This package contains the Splunk Portable Client for consuming Splunk's API.

Classes

Class	Description
Application	Provides a class for managing Splunk applications.
ApplicationArchiveInfo	Provides information about an application archive produced by Splunk.
ApplicationAttributes	Provides arguments for setting the attributes of an Application .
ApplicationCollection	Provides an object representation of a collection of Splunk applications.
ApplicationCollection.Filter	Provides selection criteria for retrieving a slice of an ApplicationCollection .
ApplicationSetupInfo	Represents the setup information for an Application .
ApplicationUpdateInfo	Provides an object representation for the update information available for an application.
ApplicationUpdateInfo.UpdateAdapter	An update adapter.
Args<TArgs>	Provides a base class for representing strongly typed arguments to Splunk endpoints.
Argument	Represents the value of a parameter to a Splunk REST API endpoint.
ArgumentSet	Provides custom arguments.
AtomEntry	Provides an object representation of an individual entry in a Splunk

▷ Entity(TResource) Class
▷ EntityCollection(TEntity, TResource) Class
ExecutionMode Enumeration
▷ ExpandoAdapter Class
▷ ExpandoAdapter.Converter Class
▷ ExpandoAdapter(TExpandoAdapter) Class
▷ ExpandoAdapter(TExpandoAdapter) Class
▷ IApplication Interface
▷ IApplicationArchiveInfo Interface
▷ IApplicationCollection(TApplication) Interface
▷ IApplicationSetupInfo Interface
▷ IApplicationUpdateInfo Interface
▷ IBaseResource Interface
▷ IConfiguration(TConfiguration) Interface
▷ IConfigurationCollection(TConfigurationStanza) Interface
▷ IConfigurationSetting Interface
▷ IConfigurationStanza Interface
▷ IEntity Interface
▷ IEntityCollection(TEntity, TResource) Interface
▷ IIndex Interface
▷ IIndexCollection(TIndex) Interface
▷ IJob Interface
▷ IJobCollection(TJob) Interface
▷ Index Class
▷ IndexAttributes Class
▷ IndexCollection Class
▷ IndexCollection.Filter Class
▷ InternalServerErrorException Class
▷ IPaginated Interface
▷ ISavedSearch Interface

Atom Feed response.

References:

1. REST API Reference Manual: Accessing Splunk resources.
2. REST API Reference Manual: Atom Feed responses.

 AtomFeed	Provides an object representation of a Splunk Atom Feed response.
 AuthenticationFailureException	The exception that is thrown when invalid credentials are passed to LogOnAsync(String, String) or a request fails because the session timed out.
 BadRequestException	The exception that is thrown when a request is rejected by Splunk because it is poorly formed.
 BaseEntity<TResource>	Provides an object representation of a Splunk entity.
 BaseResource	Provides a base class that represents a Splunk resource as an object.
 Configuration	Provides a class for accessing and updating Splunk configuration files.
 ConfigurationCollection	Provides an object representation of a collection of Splunk configuration files.
 ConfigurationSetting	Provides an object representation of a Splunk configuration setting.
 ConfigurationStanza	Provides an object representation of a Splunk configuration stanza.
 Context	Provides a class for sending HTTP requests and receiving HTTP responses from a Splunk server.
 CookieStore	Provides a class for storing and parsing cookies from a Splunk server.

▷ ISavedSearchCollection(TSaveInterface)
▷ IServer Interface
▷ IServerInfo Interface
▷ IServerMessage Interface
▷ IServerMessageCollection(TServerInterface)
▷ IServerSettings Interface
▷ IService Interface
▷ IStoragePassword Interface
▷ IStoragePasswordCollection(TStorageInterface)
▷ ITransmitter Interface
▷ Job Class
▷ Job.RuntimeAdapter Class
▷ JobArgs Class
▷ JobCollection Class
▷ JobCollection.Filter Class
▷ LicenseState Enumeration
▷ Message Class
▷ MessageType Enumeration
▷ Namespace Class
▷ Observable(T) Class
▷ Observer(T) Class
▷ OutputMode Enumeration
▷ Pagination Structure
▷ PaperOrientation Enumeration
▷ PaperSize Enumeration
▷ Permissions Class
▷ RequestException Class
▷ Resource Class
▷ ResourceCollection Class
▷ ResourceName Class
▷ ResourceNotFoundException Class
▷ Response Class
▷ SavedSearch Class
▷ SavedSearch.ActionsAdapter Class
▷ SavedSearch.ActionsAdapter.Adapter Class
▷ SavedSearch.ActionsAdapter.External Class

CustomJobArgs	Provides custom arguments to a job.
 Eai	Provides a class that represents a Splunk server's Extensible Administration Interface.
 EaiAcl	Provides a class that represents a Splunk ACL.
 EaiAttributes	Provides a class that represents a Splunk ACL.
 Endpoint	Provides a base class that represents a Splunk endpoint as an object.
 Entity<TResource>	Provides an object representation of a Splunk entity.
 EntityCollection< TEntity, TResource >	Provides a base class for representing a collection of Splunk resources.
 ExpandoAdapter	Provides a base class for implementing Dictionary< TKey, TValue > instances.
 ExpandoAdapter.Converter	Provides a converter to create ExpandoAdapter instances from Dictionary< TKey, TValue > instances.
 ExpandoAdapter<TExpandoAdapter>	Provides a generic base class for implementing strong types backed by Dictionary< TKey, TValue > instances.
 ExpandoAdapter<TExpandoAdapter>.Converter	Provides a converter to create ExpandoAdapter instances from Dictionary< TKey, TValue > instances.
 Index	Provides a class that represents a Splunk data index.
 IndexAttributes	Provides arguments for setting the attributes of an Index.
 IndexCollection	Provides an object representation of a collection of Splunk data indexes.

Class

- ▷ [SavedSearch.ActionsAdapter.P Class](#)
- ▷ [SavedSearch.ActionsAdapter.R Class](#)
- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.AlertAdapter Class](#)
- ▷ [SavedSearch.AlertAdapter.Sup Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.DispatchAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.S Class](#)
- ▷ [SavedSearch.DisplayAdapter.V Class](#)
- ▷ [SavedSearch.DisplayAdapter.V Class](#)
- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter](#)

 IndexCollection.Filter	Provides arguments for retrieving an IndexCollection .
 InternalServerErrorException	The exception that is thrown when a request to retrieve a BaseResource results in HttpStatusCodes.InternalServerError .
 Job	Provides an object representation of a Splunk search job.
 Job.RuntimeAdapter	Provides a generic base class for implementing strong types backed by Dictionary< TKey, TValue> instances.
 JobArgs	Provides arguments for creating a search Job .
 JobCollection	Provides an object representation of a collection of Splunk search jobs.
 JobCollection.Filter	Provides arguments for retrieving a JobCollection .
 Message	Provides a class that represents a Splunk service response message.
 Namespace	Specifies the user/app context for a resource.
 Observable<T>	Defines a provider for push-based notification.
 Observer<T>	Provides a class for faking git requests and responses from a Splunk server.
 Permissions	Provides access to read/write permissions.
 RequestException	The exception that is thrown when a Splunk service request fails.
 Resource	Provides a base class that represents a Splunk resource as an object.
 ResourceCollection	Provides a base class that

<code>Class</code>		
▷ <code>SavedSearchAttributes Class</code>		
▷ <code>SavedSearchCollection Class</code>		
▷ <code>SavedSearchCollection.Filter Class</code>		
▷ <code>SavedSearchDispatchArgs Class</code>		
▷ <code>SavedSearchTemplateArgs Class</code>		
<code>Scheme Enumeration</code>		
▷ <code>SearchEventArgs Class</code>		
▷ <code>SearchExportArgs Class</code>		
▷ <code>SearchExportStream Class</code>		
<code>SearchMode Enumeration</code>		
▷ <code>SearchPreview Class</code>		
▷ <code>SearchPreviewStream Class</code>		
▷ <code>SearchResult Class</code>		
▷ <code>SearchResultArgs Class</code>		
▷ <code>SearchResultStream Class</code>		
▷ <code>Server Class</code>		
▷ <code>ServerInfo Class</code>		
▷ <code>ServerMessage Class</code>		
▷ <code>ServerMessageCollection Class</code>		
▷ <code>ServerMessageCollection.Filter Class</code>		
<code>ServerMessageSeverity Enumeration</code>		
<code>ServerMode Enumeration</code>		
▷ <code>ServerSettings Class</code>		
▷ <code>ServerSettingValues Class</code>		
▷ <code>Service Class</code>		
<code>SharingMode Enumeration</code>		
<code>SortDirection Enumeration</code>		
<code>SortMode Enumeration</code>		
▷ <code>StoragePassword Class</code>		
▷ <code>StoragePasswordCollection Class</code>		
▷ <code>StoragePasswordCollection.Filter Class</code>		
▷ <code>TaggedFieldValue Class</code>		
▷ <code>Transmitter Class</code>		
▷ <code>TransmitterArgs Class</code>		
<code>TruncationMode Enumeration</code>		

 <code>ResourceName</code>		represents a Splunk resource as an object.
 <code>ResourceNotFoundException</code>		Represents a Splunk resource name.
 <code>Response</code>		The exception that is thrown when a request to retrieve a resource results in <code>NotFound</code> .
 <code>SavedSearch</code>		Represents a Splunk service response.
 <code>SavedSearch.ActionsAdapter</code>		Provides an object representation of a Splunk saved search.
 <code>SavedSearch.ActionsAdapter.Action<TAction></code>		The actions adapter.
 <code>SavedSearch.ActionsAdapter.EmailAdapter</code>		An action.
 <code>SavedSearch.ActionsAdapter.PopulateLookupAdapter</code>		An e-mail adapter.
 <code>SavedSearch.ActionsAdapter.RssAdapter</code>		A populate lookup adapter.
 <code>SavedSearch.ActionsAdapter.ScriptAdapter</code>		The RSS adapter.
 <code>SavedSearch.ActionsAdapter.SummaryIndexAdapter</code>		A script adapter.
 <code>SavedSearch.AlertAdapter</code>		A summary index adapter.
 <code>SavedSearch.AlertAdapter.SuppressAdapter</code>		An alert adapter.
 <code>SavedSearch.AutoSummarizeAdapter</code>		The suppress adapter.
 <code>SavedSearch.AutoSummarizeAdapter.DispatchAdapter</code>		An automatic summarize adapter.
 <code>SavedSearch.DispatchAdapter</code>		A dispatch adapter.
 <code>SavedSearch.DisplayAdapter</code>		A dispatch adapter.
 <code>SavedSearch.DisplayAdapter.EventsAdapter</code>		A display adapter.
 <code>SavedSearch.DisplayAdapter.EventsAdapterListAdapter</code>		The events adapter.
 <code>SavedSearch.DisplayAdapter.EventsAdapter.RawAdapter</code>		A list adapter.
 <code>SavedSearch.DisplayAdapter.EventsAdapter.TableAdapter</code>		A raw adapter.
 <code>SavedSearch.DisplayAdapter.EventsAdapter.TableAdapter</code>		A table adapter.

	UnauthorizedAccessException Class
	ValueConverter(TValue) Class

	SavedSearch.DisplayAdapter.GeneralAdapter	A general adapter.
	SavedSearch.DisplayAdapter.GeneralAdapter.TimeRangePickerAdapter	A time range picker adapter.
	SavedSearch.DisplayAdapter.PageAdapter	A page adapter.
	SavedSearch.DisplayAdapter.PageAdapter.PivotAdapter	A pivot adapter.
	SavedSearch.DisplayAdapter.PageAdapter.SearchAdapter	A search adapter.
	SavedSearch.DisplayAdapter.PageAdapter.SearchAdapter.TimelineAdapter	A timeline adapter.
	SavedSearch.DisplayAdapter.StatisticsAdapter	The statistics adapter.
	SavedSearch.DisplayAdapter.VisualizationsAdapter	The visualizations adapter.
	SavedSearch.DisplayAdapter.VisualizationsAdapter.ChartingAdapter	A charting adapter.
	SavedSearch.Filter	Provides the arguments required for retrieving information about a SavedSearch
	SavedSearch.RequestAdapter	A request adapter.
	SavedSearchAttributes	Provides the arguments for creating a SavedSearch .
	SavedSearchCollection	Represents a collection of saved searches.
	SavedSearchCollection.Filter	Provides the arguments required for retrieving SavedSearch entries.
	SavedSearchDispatchArgs	Provides the arguments required for retrieving transformed search results.
	SavedSearchTemplateArgs	Provides custom arguments to a SavedSearch .
	SearchEventArgs	Provides the arguments required for retrieving untransformed search results.
	SearchExportArgs	Provides the arguments required for starting a new search export job.
	SearchExportStream	The SearchExportStream class represents a streaming XML reader for Splunk SearchResultStream .

	SearchPreview	Represents a search result preview on a SearchPreviewStream .
	SearchPreviewStream	The SearchPreviewStream class represents a streaming XML reader for Splunk SearchResultStream .
	SearchResult	Represents a single record on a SearchResultStream .
	SearchResultArgs	Provides arguments for retrieving transformed SearchResultStream .
	SearchResultStream	Represents an enumerable, observable stream of SearchResult records.
	Server	Provides an object representation of a Splunk server.
	ServerInfo	Provides information about a Splunk server instance.
	ServerMessage	Provides an object representation of a Splunk server message entity.
	ServerMessageCollection	Collection of server messages.
	ServerMessageCollection.Filter	Provides arguments for retrieving a ServerMessageCollection .
	ServerSettings	Provides an object representation of the settings of a Splunk server.
	ServerSettingValues	Provides arguments for updating Splunk Server setting values.
	Service	Provides access to the Splunk REST API offered on a Splunk management port.
	StoragePassword	Provides an object representation of a Splunk storage password.
	StoragePasswordCollection	Provides an object representation of a collection of Splunk storage passwords.
	StoragePasswordCollection.Filter	Provides arguments for retrieving a StoragePasswordCollection .

	TaggedFieldValue	Provides an object representation of a tagged field value.
	Transmitter	Provides a class for sending events to Splunk.
	TransmitterArgs	Provides arguments for sending events to a Splunk Transmitter .
	UnauthorizedAccessException	The exception that is thrown when a request to access a resource results in Forbidden .
	ValueConverter<TValue>	Provides a way to convert objects to values of some type.

► Structures

Structure	Description
	Pagination . A pagination.

► Interfaces

Interface	Description
 IApplication	Provides an operational interface to Splunk application entities.
 IApplicationArchiveInfo	Interface for application archive information.
 IApplicationCollection<TApplication>	Provides an operational interface to the Splunk application collection.
 IApplicationSetupInfo	Interface for application setup information.
 IApplicationUpdateInfo	Interface for application update information.
 IBaseResource	Interface for base resource.
 IConfiguration<TConfigurationStanza>	Provides an operational interface for accessing and updating Splunk configuration files.
 IConfigurationCollection<TConfiguration, TConfigurationStanza>	Provides an operational interface over a collection of Splunk configuration files.
 IConfigurationSetting	Interface for configuration setting.
 IConfigurationStanza	Interface for configuration stanza.

»	IEntity	Provides an operational interface common to all Splunk entities.
»	IEntityCollection<TEntity, TResource>	Provides an operational interface common to all Splunk entity collections.
»	IIndex	Provides an operational interface to Splunk index entities.
»	IIndexCollection<TIndex>	Provides an operational interface to the Splunk application collection.
»	IJob	Provides an operational interface to a search job.
»	IJobCollection<TJob>	Interface for job collection.
»	IPaginated	Provides an operational interface to the Splunk application collection.
»	ISavedSearch	Provides an operational interface to Splunk saved search entities.
»	ISavedSearchCollection<TSavedSearch>	Provides an operational interface to a Splunk saved search entity collection.
»	IServer	Interface for server.
»	IServerInfo	Provides an operational interface to the Splunk server info resource.
»	IServerMessage	Provides an object representation of a Splunk server message entity.
»	IServerMessageCollection<TServerMessage>	Provides a class for accessing Splunk server messages.
»	IServerSettings	Provides an operational interface the Splunk server settings resource.
»	IService	Provides an operational interface to the Splunk REST API.
»	IStoragePassword	Interface for storage password.
»	IStoragePasswordCollection<TStoragePassword>	Interface for storage password collection.
»	ITransmitter	Interface for transmitter.

▲ Enumerations

Enumeration	Description
 AlertComparator	Used with a threshold value to trigger the alert actions of a SavedSearch .
 AlertSeverity	Specifies the severity of an alert triggered by a scheduled search.
 AlertTrack	Specifies whether to track the actions triggered by a scheduled search.
 AlertType	Specifies the condition under which the alert actions of a SavedSearch are triggered.
 DispatchState	Specifies the state of a search Job .
 EmailFormat	Specifies the format of text in an e-mail.
 ExecutionMode	Specifies the type of a Splunk search Job .
 LicenseState	Specifies the state of the license installed on a Splunk server instance.
 MessageType	Specifies the type of a server response Message .
 OutputMode	Specifies the format for the output from a search command.
 PaperOrientation	Specifies the page orientation for a report.
 PaperSize	Specifies the paper size of a PDF report.
 Scheme	Values that represent Scheme.
 SearchMode	Specifies the mode for a search job.
 ServerMessageSeverity	Specifies the severity of a ServerMessage .
 ServerMode	Specifies whether or not a Splunk server instance is a dedicated forwarder.
 SharingMode	Values that represent SharingMode.
 SortDirection	Specifies the direction in which to sort a list of items.
 SortMode	Specifies the direction in which to sort a list of items.
 TruncationMode	Provides enumerated values that specify how Splunk reduces the number of lines in the <code>_raw</code> field of events.



Splunk.Client Namespace

Splunk.Client

**AlertComparator
Enumeration**

[AlertSeverity Enumeration](#)
[AlertTrack Enumeration](#)
[AlertType Enumeration](#)

[Application Class](#)
[ApplicationArchiveInfo Class](#)
[ApplicationAttributes Class](#)
[ApplicationCollection Class](#)
[ApplicationCollection.Filter Class](#)

[ApplicationSetupInfo Class](#)
[ApplicationUpdateInfo Class](#)
[ApplicationUpdateInfo.UpdateA Class](#)

[Args\(TArgs\) Class](#)
[Argument Class](#)
[ArgumentSet Class](#)
[AtomEntry Class](#)
[AtomFeed Class](#)

[AuthenticationFailureException Class](#)
[BadRequestException Class](#)
 [BaseEntity\(TResource\) Class](#)
[BaseResource Class](#)
[Configuration Class](#)
[ConfigurationCollection Class](#)
[ConfigurationSetting Class](#)
[ConfigurationStanza Class](#)

AlertComparator Enumeration

Used with a threshold value to trigger the alert actions of a [SavedSearch](#).

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum AlertComparator
```

[Copy](#)

Members

	Member name	Value	Description
	None	0	Specifies that there is no alert comparator.
	DropsBy	1	Specifies that an alert actions of a SavedSearch are triggered by an absolute drop in a certain value.
	DropsByPercent	2	Specifies that an alert actions of a SavedSearch are triggered when a measurement drops by a certain percentage.
	Equal	3	Specifies that an alert actions of a SavedSearch are triggered when a measurement is equal to a certain value.
	GreaterThan	4	Specifies that an alert actions of a

- ▷ [Context Class](#)
- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- [DispatchState Enumeration](#)
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
- [EmailFormat Enumeration](#)
- ▷ [Endpoint Class](#)
- ▷ [Entity\(TResource\) Class](#)
- ▷ [EntityCollection\(TEntity, TResource\) Class](#)
- [ExecutionMode Enumeration](#)
- ▷ [ExpandoAdapter Class](#)
- ▷ [ExpandoAdapter.Converter Class](#)
- ▷ [ExpandoAdapter\(TExpandoAdapter Class\)](#)
- ▷ [ExpandoAdapter\(TExpandoAdapter Class\)](#)
- ▷ [IApplication Interface](#)
- ▷ [IApplicationArchiveInfo Interface](#)
- ▷ [IApplicationCollection\(TApplication Interface\)](#)
- ▷ [IApplicationSetupInfo Interface](#)
- ▷ [IApplicationUpdateInfo Interface](#)
- ▷ [IBaseResource Interface](#)
- ▷ [IConfiguration\(TConfiguration Interface\)](#)
- ▷ [IConfigurationCollection\(TConfiguration Stanza\) Interface](#)

[SavedSearch](#) are triggered when a measurement is greater than a certain value.

LessThan	5	Specifies that an alert actions of a SavedSearch are triggered when a measurement is less than a certain value.
RisesBy	6	Specifies that an alert actions of a SavedSearch are triggered when a measurement rises above a certain value.
RisesByPercent	7	Specifies that an alert actions of a SavedSearch are triggered when a measurement rises by a certain percentage.

See Also

Reference
[Splunk.Client Namespace](#)

- ▷ [IConfigurationSetting Interface](#)
- ▷ [IConfigurationStanza Interface](#)
- ▷ [IEntity Interface](#)
- ▷ [IEntityCollection\(TEntity, TResource\) Interface](#)
- ▷ [IIndex Interface](#)
- ▷ [IIndexCollection\(TIndex\) Interface](#)
- ▷ [IJob Interface](#)
- ▷ [IJobCollection\(TJob\) Interface](#)
- ▷ [Index Class](#)
- ▷ [IndexAttributes Class](#)
- ▷ [IndexCollection Class](#)
- ▷ [IndexCollection.Filter Class](#)
- ▷ [InternalServerErrorException Class](#)
- ▷ [IPaginated Interface](#)
- ▷ [ISavedSearch Interface](#)
- ▷ [ISavedSearchCollection\(TSave Interface\)](#)
- ▷ [IServer Interface](#)
- ▷ [IServerInfo Interface](#)
- ▷ [IServerMessage Interface](#)
- ▷ [IServerMessageCollection\(TServer Interface\)](#)
- ▷ [IServerSettings Interface](#)
- ▷ [IService Interface](#)
- ▷ [IStoragePassword Interface](#)
- ▷ [IStoragePasswordCollection\(TStorageInterface\)](#)
- ▷ [ITransmitter Interface](#)
- ▷ [Job Class](#)

- ▷ [Job.RuntimeAdapter Class](#)
- ▷ [JobArgs Class](#)
- ▷ [JobCollection Class](#)
- ▷ [JobCollection.Filter Class](#)
- LicenseState Enumeration
- ▷ [Message Class](#)
- MessageType Enumeration
- ▷ [Namespace Class](#)
- ▷ [Observable\(T\) Class](#)
- ▷ [Observer\(T\) Class](#)
- OutputMode Enumeration
- ▷ [Pagination Structure](#)
- PaperOrientation Enumeration
- PaperSize Enumeration
- ▷ [Permissions Class](#)
- ▷ [RequestException Class](#)
- ▷ [Resource Class](#)
- ▷ [ResourceCollection Class](#)
- ▷ [ResourceName Class](#)
- ▷ [ResourceNotFoundException Class](#)
- ▷ [Response Class](#)
- ▷ [SavedSearch Class](#)
- ▷ [SavedSearch.ActionsAdapter Class](#)
- ▷ [SavedSearch.ActionsAdapter.A Class](#)
- ▷ [SavedSearch.ActionsAdapter.E Class](#)
- ▷ [SavedSearch.ActionsAdapter.P Class](#)
- ▷ [SavedSearch.ActionsAdapter.R Class](#)
- ▷ [SavedSearch.ActionsAdapter.S](#)

Class

- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.AlertAdapter Class](#)
- ▷ [SavedSearch.AlertAdapter.Sup Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.DispatchAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.S Class](#)
- ▷ [SavedSearch.DisplayAdapter.V Class](#)

- ▷ [SavedSearch.DisplayAdapter.V Class](#)
- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter Class](#)
- ▷ [SavedSearchAttributes Class](#)
- ▷ [SavedSearchCollection Class](#)
- ▷ [SavedSearchCollection.Filter Class](#)
- ▷ [SavedSearchDispatchArgs Class](#)
- ▷ [SavedSearchTemplateArgs Class](#)
 - Scheme Enumeration
- ▷ [SearchEventArgs Class](#)
- ▷ [SearchExportArgs Class](#)
- ▷ [SearchExportStream Class](#)
 - SearchMode Enumeration
- ▷ [SearchPreview Class](#)
- ▷ [SearchPreviewStream Class](#)
- ▷ [SearchResult Class](#)
- ▷ [SearchResultArgs Class](#)
- ▷ [SearchResultStream Class](#)
- ▷ [Server Class](#)
- ▷ [ServerInfo Class](#)
- ▷ [ServerMessage Class](#)
- ▷ [ServerMessageCollection Class](#)
- ▷ [ServerMessageCollection.Filter Class](#)
- ServerMessageSeverity Enumeration
- ServerMode Enumeration
- ▷ [ServerSettings Class](#)
- ▷ [ServerSettingValues Class](#)

- ▷ [Service Class](#)
 - SharingMode Enumeration
 - SortDirection Enumeration
 - SortMode Enumeration
 - ▷ [StoragePassword Class](#)
 - ▷ [StoragePasswordCollection Class](#)
 - ▷ [StoragePasswordCollection.Filt Class](#)
 - ▷ [TaggedFieldValue Class](#)
 - ▷ [Transmitter Class](#)
 - ▷ [TransmitterArgs Class](#)
 - TruncationMode Enumeration
 - ▷ [UnauthorizedAccessException Class](#)
 - ▷ [ValueConverter\(TValue\) Class](#)
-



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ [AlertComparator Enumeration](#)

AlertSeverity Enumeration

↳ [AlertTrack Enumeration](#)

↳ [AlertType Enumeration](#)

↳ [Application Class](#)

↳ [ApplicationArchiveInfo Class](#)

↳ [ApplicationAttributes Class](#)

↳ [ApplicationCollection Class](#)

↳ [ApplicationCollection.Filter Class](#)

↳ [ApplicationSetupInfo Class](#)

↳ [ApplicationUpdateInfo Class](#)

↳ [ApplicationUpdateInfo.UpdateA Class](#)

↳ [Args\(TArgs\) Class](#)

↳ [Argument Class](#)

↳ [ArgumentSet Class](#)

↳ [AtomEntry Class](#)

↳ [AtomFeed Class](#)

↳ [AuthenticationFailureException Class](#)

↳ [BadRequestException Class](#)

↳ [BaseEntity\(TResource\) Class](#)

↳ [BaseResource Class](#)

↳ [Configuration Class](#)

↳ [ConfigurationCollection Class](#)

↳ [ConfigurationSetting Class](#)

↳ [ConfigurationStanza Class](#)

↳ [Context Class](#)

AlertSeverity Enumeration

Specifies the severity of an alert triggered by a scheduled search.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

◀ Syntax

C#

```
public enum AlertSeverity
```

[Copy](#)

◀ Members

Member name	Value	Description
Debug	1	
Information	2	
Warning	3	
Error	4	
Severe	5	
Fatal	6	

◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- DispatchState Enumeration
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
- EmailFormat Enumeration
- ▷ [Endpoint Class](#)
- ▷ [Entity\(TResource\) Class](#)
- ▷ [EntityCollection\(TEntity, TResource\) Class](#)
- ExecutionMode Enumeration
- ▷ [ExpandoAdapter Class](#)
- ▷ [ExpandoAdapter.Converter Class](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [IApplication Interface](#)
- ▷ [IApplicationArchiveInfo Interface](#)
- ▷ [IApplicationCollection\(TApplica Interface\)](#)
- ▷ [IApplicationSetupInfo Interface](#)
- ▷ [IApplicationUpdateInfo Interface](#)
- ▷ [IBaseResource Interface](#)
- ▷ [IConfiguration\(TConfigurations Interface\)](#)
- ▷ [IConfigurationCollection\(TConf TConfigurationStanza\) Interface](#)
- ▷ [IConfigurationSetting Interface](#)

- ▷ [IConfigurationStanza Interface](#)
- ▷ [IEntity Interface](#)
- ▷ [IEntityCollection\(TEntity, TResource\) Interface](#)
- ▷ [IIndex Interface](#)
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- ▷ [SavedSearch.AlertAdapter Class](#)
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- ▷ [SavedSearch.AutoSummarizeAll Class](#)
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AlertTrack Enumeration

Specifies whether to track the actions triggered by a scheduled search.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum AlertTrack
```

[Copy](#)

Members

Member name	Value	Description
Automatic	0	Determine whether to track based on the tracking setting of each action. Do not track scheduled searches that always trigger actions.
True	1	Force tracking.
False	2	Disable tracking.

See Also

Reference

[Splunk.Client Namespace](#)

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- DispatchState Enumeration
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
- EmailFormat Enumeration
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AlertTrack Enumeration

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- ▷ [SavedSearch.RequestAdapter Class](#)
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Splunk.Client Namespace

Splunk.Client

AlertComparator Enumeration

AlertSeverity Enumeration

AlertTrack Enumeration

AlertType Enumeration

Application Class

ApplicationArchiveInfo Class

ApplicationAttributes Class

ApplicationCollection Class

ApplicationCollection.Filter Class

ApplicationSetupInfo Class

ApplicationUpdateInfo Class

ApplicationUpdateInfo.UpdateA Class

Args(TArgs) Class

Argument Class

ArgumentSet Class

AtomEntry Class

AtomFeed Class

AuthenticationFailureException Class

BadRequestException Class

BaseEntity(TResource) Class

BaseResource Class

Configuration Class

ConfigurationCollection Class

ConfigurationSetting Class

ConfigurationStanza Class

Context Class

AlertType Enumeration

Specifies the condition under which the alert actions of a [SavedSearch](#) are triggered.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum AlertType
```

Copy

Members

Member name	Value	Description
Always	0	Specifies that alert actions are triggered whenever the SavedSearch runs.
Custom	1	Specifies that alert actions are triggered based on a custom condition on the results produced by a SavedSearch .
NumberOfEvents	2	Specifies that alert actions are triggered based on the number of events produced by a SavedSearch .
NumberOfHosts	3	Specifies that alert actions are triggered based on the number of hosts appearing in the results produced by a SavedSearch .

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- DispatchState Enumeration
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
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NumberOfSources 4

Specifies that alert actions are triggered based on the number of sources appearing in the results produced by a [SavedSearch](#).

◀ See Also

Reference

[Splunk.Client Namespace](#)

- ▷ [IConfigurationStanza Interface](#)
- ▷ [IEntity Interface](#)
- ▷ [IEntityCollection\(TEntity, TResource\) Interface](#)
- ▷ [IIndex Interface](#)
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- ▷ [SavedSearch.AlertAdapter.Super](#)
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▶	Splunk.Client Namespace
▶	Splunk.Client
▶	AtomFeed Class
	AtomFeed Constructor
▶	AtomFeed Properties
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AtomFeed Class

Provides an object representation of a Splunk Atom Feed response.

► Inheritance Hierarchy

[System.Object](#)
[Splunk.Client.AtomFeed](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public sealed class AtomFeed
```

The [AtomFeed](#) type exposes the following members.

► Constructors

	Name	Description
	AtomFeed	Initializes a new instance of an AtomFeed

[Top](#)

► Properties

	Name	Description
	Author	Gets the author of the current AtomFeed response.

	Entries	Gets the list of AtomEntry instances returned in the current AtomFeed response.
	GeneratorVersion	Gets the version number of the generator that produced the current AtomFeed response.
	Id	Gets the Splunk management URI for accessing the current AtomFeed response.
	Links	Gets the links.
	Messages	Gets the list of info, warning, and error messages returned in the current AtomFeed response.
	Pagination	Gets the list of pagination attributes for the response to a GET operation.
	Title	Gets the human readable name of the current AtomFeed response.
	Updated	Gets the date that the endpoint used to access the current AtomFeed response was implemented in Splunk.

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance.

(Inherited from [Object](#).)

	ReadXmlAsync	Asynchronously reads XML data into the current AtomFeed.
	ToString	Gets a string representation for the current AtomFeed. (Overrides Object.ToString() .)

[Top](#)

◀ Remarks

References:

1. [REST API Reference Manual: Accessing Splunk resources](#).
2. [REST API Reference Manual: Atom Feed responses](#).

◀ See Also

Reference
[Splunk.Client Namespace](#)



▶ [Splunk.Client Namespace](#)

▶ [Splunk.Client](#)

◀ **AuthenticationFailureException Class**

[AuthenticationFailureException Properties](#)

[AuthenticationFailureException Methods](#)

AuthenticationFailureException Class

The exception that is thrown when invalid credentials are passed to [LogOnAsync\(String, String\)](#) or a request fails because the session timed out.

◀ Inheritance Hierarchy

[System.Object](#)

[System.Exception](#)

[Splunk.Client.RequestException](#)

[Splunk.Client.AuthenticationFailureException](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

◀ Syntax

C#

[Copy](#)

```
public sealed class AuthenticationFailureException :  
RequestException
```

The [AuthenticationFailureException](#) type exposes the following members.

◀ Properties

	Name	Description
	Data	Gets a collection of key/value pairs that provide additional user-defined information about the exception. (Inherited from Exception .)

	Details	Gets the list of Splunk messages detailing the cause of the current RequestException . (Inherited from RequestException .)
	HelpLink	Gets or sets a link to the help file associated with this exception. (Inherited from Exception .)
	HResult	Gets or sets HRESULT, a coded numerical value that is assigned to a specific exception. (Inherited from Exception .)
	InnerException	Gets the Exception instance that caused the current exception. (Inherited from Exception .)
	Message	Gets a message that describes the current exception. (Inherited from Exception .)
	Source	Gets or sets the name of the application or the object that causes the error. (Inherited from Exception .)
	StackTrace	Gets a string representation of the immediate frames on the call stack. (Inherited from Exception .)
	StatusCode	Gets the HttpStatuscode for the current RequestException . (Inherited from RequestException .)

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is

		equal to the current object. (Inherited from Object .)
 	GetBaseException	When overridden in a derived class, returns the Exception that is the root cause of one or more subsequent exceptions. (Inherited from Exception .)
 	GetHashCode	Serves as the default hash function. (Inherited from Object .)
 	GetType	Gets the Type of the current instance. (Inherited from Object .)
 	ToString	Creates and returns a string representation of the current exception. (Inherited from Exception .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.RequestException](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)

BadRequestException Class

[BadRequestException](#)[Properties](#)[BadRequestException Methods](#)

BadRequestException Class

The exception that is thrown when a request is rejected by Splunk because it is poorly formed.

Inheritance Hierarchy

[System.Object](#)[System.Exception](#)[Splunk.Client.RequestException](#)[Splunk.Client.BadRequestException](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public sealed class BadRequestException : RequestException
```

The [BadRequestException](#) type exposes the following members.

Properties

	Name	Description
	Data	Gets a collection of key/value pairs that provide additional user-defined information about the exception. (Inherited from Exception .)
	Details	Gets the list of Splunk messages detailing the cause of the current RequestException . (Inherited from RequestException .)

	HelpLink	Gets or sets a link to the help file associated with this exception. (Inherited from Exception .)
	HResult	Gets or sets HRESULT, a coded numerical value that is assigned to a specific exception. (Inherited from Exception .)
	InnerException	Gets the Exception instance that caused the current exception. (Inherited from Exception .)
	Message	Gets a message that describes the current exception. (Inherited from Exception .)
	Source	Gets or sets the name of the application or the object that causes the error. (Inherited from Exception .)
	StackTrace	Gets a string representation of the immediate frames on the call stack. (Inherited from Exception .)
	StatusCode	Gets the HttpStatuscode for the current RequestException . (Inherited from RequestException .)

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetBaseException	When overridden in a derived class, returns the

		<p>Exception that is the root cause of one or more subsequent exceptions. (Inherited from Exception.)</p>
 	GetHashCode	Serves as the default hash function. (Inherited from Object .)
 	GetType	Gets the Type of the current instance. (Inherited from Object .)
 	ToString	Creates and returns a string representation of the current exception. (Inherited from Exception .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.RequestException](#)



▶ [Splunk.Client Namespace](#)

▶ [Splunk.Client](#)

▪ [BaseEntity\(TResource\) Class](#)

▶ [BaseEntity\(TResource\) Constructor](#)

▶ [BaseEntity\(TResource\) Properties](#)

▶ [BaseEntity\(TResource\) Methods](#)

BaseEntity<TResource> Class

Provides an object representation of a Splunk entity.

▲ Inheritance Hierarchy

System.Object

Splunk.Client.Endpoint

Splunk.Client.BaseEntity<TResource>

Splunk.Client.Entity<TResource>

Splunk.Client.EntityCollection< TEntity, TResource >

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

[Copy](#)

```
public abstract class BaseEntity<TResource> : Endpoint  
where TResource : new(), BaseResource
```

Type Parameters

TResource

Type of the resource.

The `BaseEntity< TResource >` type exposes the following members.

▲ Constructors

	Name	Description
	BaseEntity<TResource>()	Infrastructure. Initializes a new instance of the <code>BaseEntity<</code>

	<code> BaseEntity<TResource>(Context, AtomFeed)</code>	Initializes a new instance of the <code> BaseEntity< TResource></code> class.
	<code> BaseEntity<TResource>(Service, ResourceName)</code>	Initializes a new <code> BaseEntity< TResource></code> instance.
	<code> BaseEntity<TResource>(Context, Namespace, ResourceName)</code>	Initializes a new instance of the <code> BaseEntity< TResource></code> class as specified by <code>context</code> , <code>ns</code> and <code>"resourceName"</code> .
	<code> BaseEntity<TResource>(Context, Namespace, ResourceName, String)</code>	Initializes a new instance of the <code> BaseEntity< TResource></code> class.

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Properties

	Name	Description
	<code>Context</code>	Gets the <code> Context</code> instance for the current <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)
	<code>Dynamic</code>	Gets the dynamic.
	<code>GeneratorVersion</code>	
	<code>Id</code>	
	<code>Name</code>	Gets the name of the current <code> Endpoint</code> , which is the final part of <code> ResourceName</code> . (Inherited from <code> Endpoint</code> .)
	<code>Namespace</code>	Gets the namespace containing the current <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)

	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity.
	Title	
	Updated	

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▲ Methods

	Name	Description
	CompareTo(Object)	Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)
	CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
	CreateSnapshot(TResource)	Updates the content of the current BaseEntity< TResource> in derived types.
	CreateSnapshot(AtomFeed)	Updates the Snapshot of the current

		BaseEntity< TResource> in derived types.
	CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity<TResource>.
	Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint.)
	Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint.)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Returns the hash code for the current Endpoint. (Inherited from Endpoint.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource>. class.
	Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource>. class.
	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint. (Inherited from Endpoint.)

	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized <code>BaseEntity<TResource></code> . class.
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)
	MemberwiseClone	Creates a shallow copy of the current <code>Object</code> . (Inherited from <code>Object</code> .)
	ReconstructSnapshotAsync	Asynchronously updates the content of the current <code>BaseEntity<TResource></code> .
	ToString	Gets a string identifying the current <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)

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Remarks

This is the base class for all Splunk entities.

See Also

Reference

[Splunk.Client Namespace](#)
[Splunk.Client.Endpoint](#)



▶ [Splunk.Client Namespace](#)

▶ [Splunk.Client](#)

▶ **BaseResource Class**

- ▶ [BaseResource Constructor](#)
- ▶ [BaseResource Properties](#)
- ▶ [BaseResource Methods](#)

BaseResource Class

Provides a base class that represents a Splunk resource as an object.

▶ Inheritance Hierarchy

```
System.Object
  System.Dynamic.DynamicObject
    Splunk.Client.ExpandoAdapter
      Splunk.Client.BaseResource
        Splunk.Client.Resource
          Splunk.Client.ResourceCollection
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▶ Syntax

C#

Copy

```
public abstract class BaseResource : ExpandoAdapter,
  IBaseResource
```

The [BaseResource](#) type exposes the following members.

▶ Constructors

	Name	Description
	BaseResource()	Infrastructure. Initializes a new instance of the BaseResource class.
	BaseResource(Dictionary<String, Object>)	Initializes a new instance of the BaseResource class.

	BaseResource(AtomFeed)	Initializes a new instance of the <code>BaseResource</code> class.
	BaseResource(AtomEntry, Version)	Initializes a new instance of the <code>BaseResource</code> class.

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▲ Properties

Name	Description
	Content
	GeneratorVersion Gets the generator version.
	Id Gets the identifier.
	Resources
	Title Gets the title.
	Updated Gets the Date/Time of the updated.

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▲ Methods

Name	Description
	Equals(Object) Determines whether the specified resource refers to the same resource as the current one. (Overrides <code>Object.Equals(Object)</code> .)
	Equals(BaseResource) Determines whether the

		specified resource refers to the same resource as the current one.
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Returns the hash code for the current resource. (Overrides Object.GetHashCode() .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)

	GetValue(String)	Gets a named item from the Dictionary< TKey, TValue> "/> backing the current ExpandoAdapter . (Inherited from ExpandoAdapter .)
≡	GetValue< TValue>(String, ValueConverter< TValue>)	Gets a named item from the underlying Object ">/ and applies a ValueConverter< TValue> . (Inherited from ExpandoAdapter .)
≡	Initialize(AtomFeed)	Infrastructure. Initializes the current uninitialized resource.
≡	Initialize(AtomEntry, Version)	Infrastructure. Initializes the current uninitialized resource.
≡ S	Initialize< TResource>(TResource, AtomEntry, Version)	Initializes an uninitialized resource.
≡ S	Initialize< TCollection, TResource>(TCollection, AtomFeed)	Initializes an uninitialized resource collection.
≡	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
≡	ToString	Gets a string identifying the current resource. (Overrides Object.ToString() .)
≡	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for

operations such as addition and multiplication.
(Inherited from [DynamicObject](#).)



[TryConvert](#)

Provides implementation for type conversion operations. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations that convert an object from one type to another.
(Inherited from [DynamicObject](#).)



[TryCreateInstance](#)

Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic.
(Inherited from [DynamicObject](#).)



[TryDeleteIndex](#)

Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic.
(Inherited from [DynamicObject](#).)



[TryDeleteMember](#)

Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic.
(Inherited from [DynamicObject](#).)

	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
	TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)
	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject .)
	TryInvokeMember	Provides the implementation for operations that invoke a member. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as calling a method. (Inherited from DynamicObject .)
	TrySetIndex	Provides the implementation for operations that set a value by index. Classes derived from

the [DynamicObject](#) class can override this method to specify dynamic behavior for operations that access objects by a specified index.
(Inherited from [DynamicObject](#).)



[TrySetMember](#)

Provides the implementation for operations that set member values. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as setting a value for a property.
(Inherited from [DynamicObject](#).)



[TryUnaryOperation](#)

Provides implementation for unary operations. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement.
(Inherited from [DynamicObject](#).)

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◀ See Also

Reference

[Splunk.Client Namespace](#)
[Splunk.Client.ExpandoAdapter](#)
[Splunk.Client.IBaseResource](#)



▶	Splunk.Client Namespace
▶	Splunk.Client
▶	Configuration Class
▶	Configuration Constructor
▶	Configuration Properties
▶	Configuration Methods

Configuration Class

Provides a class for accessing and updating Splunk configuration files.

► Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
  Splunk.Client BaseEntity<ResourceCollection>
    Splunk.Client EntityCollection<ConfigurationStanza, Resource>
      Splunk.Client Configuration
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

```
public class Configuration : EntityCollection<ConfigurationStanza, Resource>,
    IConfiguration<ConfigurationStanza>,
    IEntityCollection<ConfigurationStanza, Resource>,
    IReadOnlyList<ConfigurationStanza>,
    IReadOnlyCollection<ConfigurationStanza>, IEnumerable<ConfigurationStanza>,
    IEnumerable
```

Copy

The **Configuration** type exposes the following members.

► Constructors

	Name	Description
≡	Configuration()	Infrastructure. Initializes a new instance of the Configuration class.
≡	Configuration(Context, AtomFeed)	Initializes a new instance of the Configuration class.
≡	Configuration(Service, String)	Initializes a new instance of the Configuration class.
≡	Configuration(Context,	Initializes a new instance of the Configuration class.

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Properties

	Name	Description
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	Count	Gets the number of entries in the current EntityCollection<TEntity, TResource> . (Inherited from EntityCollection<TEntity, TResource> .)
	Dynamic	Gets the dynamic. (Inherited from BaseEntity<TResource> .)
	GeneratorVersion	(Inherited from BaseEntity<TResource> .)
	Id	(Inherited from BaseEntity<TResource> .)
	Item	Gets the entity at the specified <i>index</i> . (Inherited from EntityCollection<TEntity, TResource> .)
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity<TResource> .)
	Title	(Inherited from BaseEntity<TResource> .)
	Updated	(Inherited from BaseEntity<TResource> .)

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Methods

	Name	Description
≡	CompareTo(Object)	C.compares the specified object with the current <code>Endpoint</code> instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from <code>Endpoint</code> .)
≡	CompareTo(Endpoint)	C.compares the specified <code>Endpoint</code> with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from <code>Endpoint</code> .)
≡	CreateAsync(String)	Asynchronously creates a new configuration stanza.
≡	CreateAsync(IEnumerable<Argument>)	Asynchronously creates a new Splunk entity. (Overrides <code>EntityCollection< TEntity, TResource >.CreateAsync(IEnumerable< Argument >)</code> .)
≡	CreateAsync(Argument[])	Asynchronously creates a new Splunk entity. (Inherited from <code>EntityCollection< TEntity, TResource ></code> .)
≡	CreateSnapshot(AtomFeed)	Updates the <code>Snapshot</code> of the current <code> BaseEntity< TResource ></code> in derived types. (Inherited from <code>EntityCollection< TEntity, TResource ></code> .)
≡	CreateSnapshot(ResourceCollection)	Updates the content of the current <code> BaseEntity< TResource ></code> in derived types. (Inherited from <code>EntityCollection< TEntity, TResource ></code> .)
≡	CreateSnapshot(AtomEntry, Version)	Updates the content of the current <code> BaseEntity< TResource ></code> . (Inherited from <code>EntityCollection< TEntity, TResource ></code> .)
≡	Equals(Object)	Determines whether the specified <code>Endpoint</code> refers to the same resource as the current one. (Inherited from <code>Endpoint</code> .)

 Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
 GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
 GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from EntityCollection< TEntity, TResource > .)
 GetEnumerator	Gets an enumerator that iterates through the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
 GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
 GetOrNullAsync	Asynchronously retrieves an entity in the current collection by name. (Inherited from EntityCollection< TEntity, TResource > .)
 GetSettingAsync	Asynchronously retrieves a setting value from a configuration stanza.
 GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
 GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)

`TResource>.)`

 GetType	Gets the Type of the current instance. (Inherited from Object .)
 Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)
 Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)
 Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
 Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)
 Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
 MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
 ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity<TResource> . (Inherited from BaseEntity<TResource> .)
 ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
 RemoveAsync	Asynchronously removes a configuration stanza.
 ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)
 UpdateAsync	Asynchronously updates a configuration stanza with new or revised settings.
 UpdateSettingAsync(String, String,	Asynchronously updates a setting within a

	Object)	configuration stanza.
≡	UpdateSettingAsync(String, String, String)	Asynchronously updates a setting within a configuration stanza.

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► Remarks

Splunk's configuration information is stored in configuration files. These files are identified by their .conf extension and hold the information for different aspects of your Splunk configurations, including:

- System settings
- Authentication and authorization information
- Index mappings and setting
- Deployment and cluster configurations
- Knowledge objects and saved searches

Most configuration files come packaged with your Splunk installation and can be found in [\\$SPLUNK_HOME/etc/default](#).

References:

1. [Admin Manual: About configuration files](#).
2. [Admin Manual: List of configuration files](#).
3. [REST API Reference: Accessing and updating Splunk configurations](#).
4. [REST API Reference: Configurations](#).

► See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.EntityCollection<ConfigurationStanza, Resource>](#)

[Splunk.Client.IConfiguration<ConfigurationStanza>](#)



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)

▪ ConfigurationCollection Class

- ▷ [ConfigurationCollection Constructor](#)
- ▷ [ConfigurationCollection Properties](#)
- ▷ [ConfigurationCollection Methods](#)

ConfigurationCollection Class

Provides an object representation of a collection of Splunk configuration files.

▪ Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
    Splunk.Client BaseEntity<ResourceCollection>
      Splunk.Client EntityCollection<Configuration, ResourceCollection>
        Splunk.Client ConfigurationCollection
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▪ Syntax

C#

Copy

```
public class ConfigurationCollection : EntityCollection<Configuration,
  ResourceCollection>,
  IConfigurationCollection<Configuration, ConfigurationStanza>,
  IEntityCollection<Configuration, ResourceCollection>,
  IReadOnlyList<Configuration>, IReadOnlyCollection<Configuration>,
  IEnumerable<Configuration>,
  IEnumerable
```

The [ConfigurationCollection](#) type exposes the following members.

▪ Constructors

	Name	Description
≡	ConfigurationCollection()	Infrastructure. Initializes a new instance of the ConfigurationCollection class.
≡	ConfigurationCollection(Service)	Initializes a new instance of the ConfigurationCollection class.
≡	ConfigurationCollection(Context, AtomFeed)	Initializes a new instance of the ConfigurationCollection class.



[ConfigurationCollection\(Context, Namespace\)](#) Initializes a new instance of the ConfigurationCollection class.

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Properties

	Name	Description
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	Count	Gets the number of entries in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
	Dynamic	Gets the dynamic. (Inherited from BaseEntity< TResource > .)
	GeneratorVersion	(Inherited from BaseEntity< TResource > .)
	Id	(Inherited from BaseEntity< TResource > .)
	Item	Gets the entity at the specified <i>index</i> . (Inherited from EntityCollection< TEntity, TResource > .)
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity< TResource > .)
	Title	(Inherited from BaseEntity< TResource > .)
	Updated	(Inherited from BaseEntity< TResource > .)

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◀ Methods

Name	Description
 CompareTo(Object)	Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)
 CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
 CreateAsync(String)	Asynchronously creates a configuration file.
 CreateAsync(IEnumerable<Argument>)	Asynchronously creates a configuration file. (Overrides EntityCollection< TEntity, TResource >.CreateAsync(IEnumerable<Argument>) .)
 CreateAsync(Argument[])	Asynchronously creates a new Splunk entity. (Inherited from EntityCollection< TEntity, TResource > .)
 CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity< TResource > in derived types. (Inherited from EntityCollection< TEntity, TResource > .)
 CreateSnapshot(ResourceCollection)	Updates the content of the current BaseEntity< TResource > in derived types. (Inherited from EntityCollection< TEntity, TResource > .)
 CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity< TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
 Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)

	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
	GetAsync(String)	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from EntityCollection< TEntity, TResource > .)
	GetAsync(String, String)	Asynchronously retrieves a configuration stanza by name.
	GetEnumerator	Gets an enumerator that iterates through the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
	GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
	GetOrDefaultAsync	Asynchronously retrieves an entity in the current collection by name. (Inherited from EntityCollection< TEntity, TResource > .)
	GetSliceAsync(Argument[])	Unsupported. This method is not supported by the ConfigurationCollection class because it is not supported by the Splunk properties endpoint . (Overrides EntityCollection< TEntity, TResource >.GetSliceAsync(Argument[]) .)
	GetSliceAsync(IEnumerable<Argument>)	Unsupported. This method is not supported by the ConfigurationCollection class because it is not supported by the Splunk properties endpoint . (Overrides EntityCollection< TEntity, TResource >.GetSliceAsync(IEnumerable<Argument>) .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)

	Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized <code> BaseEntity<TResource></code> . class. (Inherited from <code> BaseEntity<TResource></code> .)
	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)
	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized <code> BaseEntity<TResource></code> . class. (Inherited from <code> BaseEntity<TResource></code> .)
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)
	MemberwiseClone	Creates a shallow copy of the current <code> Object</code> . (Inherited from <code> Object</code> .)
	ReconstructSnapshotAsync	Asynchronously updates the content of the current <code> BaseEntity<TResource></code> . (Inherited from <code> BaseEntity<TResource></code> .)
	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current <code> EntityCollection< TEntity, TResource></code> . (Inherited from <code> EntityCollection< TEntity, TResource></code> .)
	ToString	Gets a string identifying the current <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)

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▲ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.EntityCollection<Configuration, ResourceCollection>](#)

[Splunk.Client.IConfigurationCollection<Configuration, ConfigurationStanza>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ ConfigurationSetting Class

↳ [ConfigurationSetting Constructor](#)

↳ [ConfigurationSetting Properties](#)

[ConfigurationSetting Methods](#)

ConfigurationSetting Class

Provides an object representation of a Splunk configuration setting.

↳ Inheritance Hierarchy

System.Object

System.Dynamic.DynamicObject

Splunk.Client.ExpandoAdapter

Splunk.Client.BaseResource

Splunk.Client.Resource

Splunk.Client.ConfigurationSetting

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class ConfigurationSetting : Resource,  
    IConfigurationSetting, IBaseResource
```

The [ConfigurationSetting](#) type exposes the following members.

↳ Constructors

	Name	Description
≡	ConfigurationSetting()	Infrastructure. Initializes a new instance of the ConfigurationSetting class.
💡	ConfigurationSetting(AtomEntry, Version)	Initializes a new instance of the ConfigurationSetting class.

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Properties

	Name	Description
	Content	(Inherited from BaseResource .)
	GeneratorVersion	Gets the generator version. (Inherited from BaseResource .)
	Id	Gets the identifier. (Inherited from BaseResource .)
	Links	Gets the links.
	Resources	(Inherited from BaseResource .)
	Title	Gets the title. (Inherited from BaseResource .)
	Updated	Gets the Date/Time of the updated. (Inherited from BaseResource .)
	Value	Gets the cached value of the current ConfigurationSetting .

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Methods

	Name	Description
	Equals(Object)	Determines whether the specified resource refers to the same resource as the current one. (Inherited from BaseResource .)

	Equals(BaseResource)	Determines whether the specified resource refers to the same resource as the current one. (Inherited from BaseResource .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Returns the hash code for the current resource. (Inherited from BaseResource .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue(String)	Gets a named item from the Dictionary< TKey, TValue> "/> backing the current ExpandoAdapter . (Inherited from ExpandoAdapter .)
	GetValue< TValue>(String,	Gets a named item from the

	ValueConverter< TValue >	underlying Object " /> and applies a ValueConverter< TValue > . (Inherited from ExpandoAdapter .)
	Initialize(AtomFeed)	Infrastructure. Initializes the current uninitialized Resource . (Inherited from Resource .)
	Initialize(AtomEntry, Version)	Infrastructure. Initializes the current uninitialized resource. (Inherited from Resource .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Gets a string identifying the current resource. (Inherited from BaseResource .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from DynamicObject .)
	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C#.

or Visual Basic.
(Inherited from [DynamicObject](#).)

 TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
 TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
 TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
 TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)
 TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject .)
 TryInvokeMember	Provides the implementation for operations that invoke a member. Classes derived from the DynamicObject class can override this

method to specify dynamic behavior for operations such as calling a method.
(Inherited from [DynamicObject](#).)



[TrySetIndex](#)

Provides the implementation for operations that set a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations that access objects by a specified index.
(Inherited from [DynamicObject](#).)



[TrySetMember](#)

Provides the implementation for operations that set member values. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as setting a value for a property.
(Inherited from [DynamicObject](#).)



[TryUnaryOperation](#)

Provides implementation for unary operations. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement.
(Inherited from [DynamicObject](#).)

[Top](#)

▲ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Resource](#)

[Splunk.Client.IConfigurationSetting](#)



› Splunk.Client Namespace
› Splunk.Client

▪ ConfigurationStanza Class

› ConfigurationStanza Constructor
› ConfigurationStanza Properties
› ConfigurationStanza Methods

ConfigurationStanza Class

Provides an object representation of a Splunk configuration stanza.

▪ Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
    Splunk.Client BaseEntity<Resource>
      Splunk.Client Entity<Resource>
        Splunk.Client ConfigurationStanza
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▪ Syntax

C#

```
public class ConfigurationStanza : Entity<Resource>,
  IConfigurationStanza, IEntity, IReadOnlyList<ConfigurationSetting>,
  IReadOnlyCollection<ConfigurationSetting>,
  IEnumerable<ConfigurationSetting>, IEnumerable
```

[Copy](#)

The [ConfigurationStanza](#) type exposes the following members.

▪ Constructors

	Name	Description
≡	ConfigurationStanza()	Infrastructure. Initializes a new instance of the ConfigurationStanza class.
💡	ConfigurationStanza(Context, AtomFeed)	Initializes a new instance of the ConfigurationStanza class.
💡	ConfigurationStanza(Service, String, String)	Initializes a new instance of the ConfigurationStanza class.
💡	ConfigurationStanza(Context, Namespace, String, String)	Initializes a new instance of the ConfigurationStanza class.

[Top](#)

Properties

	Name	Description
	Author	Gets the author of the current ConfigurationStanza.
	Content	Gets the content. (Inherited from Entity<TResource> .)
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	Count	Gets the number of elements in the collection.
	Dynamic	Gets the dynamic. (Inherited from BaseEntity<TResource> .)
	GeneratorVersion	(Inherited from BaseEntity<TResource> .)
	Id	(Inherited from BaseEntity<TResource> .)
	Item	Gets the element at the specified index in the read-only list.
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity<TResource> .)
	Title	(Inherited from BaseEntity<TResource> .)
	Updated	(Inherited from BaseEntity<TResource> .)

[Top](#)

Methods

	Name	Description
--	------	-------------

	CompareTo(Object)	C.compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)
	CompareTo(Endpoint)	C.compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
	CreateSnapshot(TResource)	C.updates the content of the current BaseEntity< TResource> in derived types. (Inherited from BaseEntity<TResource> .)
	CreateSnapshot(AtomFeed)	C.updates the Snapshot of the current BaseEntity< TResource> in derived types. (Overrides Entity<TResource>.CreateSnapshot(AtomFeed) .)
	CreateSnapshot(AtomEntry, Version)	C.updates the content of the current BaseEntity<TResource> . (Inherited from Entity<TResource> .)
	Equals(Object)	C.determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
	Equals(Endpoint)	C.determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
	Finalize	C.allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetAsync()	C.asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from Entity<TResource> .)
	GetAsync(String)	C.asynchronously retrieves a configuration setting value from the current ConfigurationStanza
	GetEnumerator	C.gets an enumerator that iterates through the current ConfigurationStanza .
	GetHashCode	C.returns the hash code for the current Endpoint . (Inherited from Endpoint .)

	GetType	Gets the Type of the current instance. (Inherited from Object .)
💡	GetValue< TValue >	Gets a converted property value from the current snapshot of the current Entity< TResource > . (Inherited from Entity< TResource > .)
💡	Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
💡	Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
💡	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
💡	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
💡	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
💡	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
💡	ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity< TResource > . (Inherited from BaseEntity< TResource > .)
💡	RemoveAsync	Asynchronously removes the current ConfigurationStanza from its configuration file. (Overrides Entity< TResource >.RemoveAsync() .)
💡	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from Entity< TResource > .)
💡	ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)
💡	UpdateAsync(IEnumerable< Argument >)	Asynchronously updates the attributes of the current entity on on Splunk. (Overrides Entity< TResource >.UpdateAsync(IEnumerable< Argument >) .)
💡	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity

on Splunk.
(Inherited from [Entity<TResource>](#).)

≡ [UpdateAsync\(String, Object\)](#)

Asynchronously updates the value of an existing setting in the current [ConfigurationStanza](#).

≡ [UpdateAsync\(String, String\)](#)

[Top](#)

▲ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Entity<Resource>](#)

[Splunk.Client.IConfigurationStanza](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Context Class**

- ↳ [Context Constructor](#)
- ↳ [Context Properties](#)
- ↳ [Context Methods](#)
- ↳ [Context Fields](#)

Context Class

Provides a class for sending HTTP requests and receiving HTTP responses from a Splunk server.

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Context](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class Context : IDisposable
```

The [Context](#) type exposes the following members.

↳ Constructors

	Name	Description
≡	Context(Scheme, String, Int32, TimeSpan)	Initializes a new instance of the Context class with a protocol, host, and port number.
≡	Context(Scheme, String, Int32, TimeSpan, HttpMessageHandler, Boolean)	Initializes a new instance of the Context class with a protocol, host, port number, and optional message handler.

[Top](#)

◀ Properties

	Name	Description
	Host	Gets the Splunk host name associated with the current Context .
	Port	Gets the management port number used to communicate with Host
	Scheme	Gets the scheme used to communicate with Host on Port .
	SessionKey	Gets or sets the session key used by the current Context .

[Top](#)

◀ Methods

	Name	Description
	DeleteAsync	Sends a DELETE request as an asynchronous operation.
	Dispose()	Releases all disposable resources used by the current Context .
	Dispose(Boolean)	Releases all resources used by the Context .

	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetAsync(Namespace, ResourceName, IEnumerable<Argument>[])	Sends a GET request as an asynchronous operation.
	GetAsync(Namespace, ResourceName, CancellationToken, IEnumerable<Argument>[])	Sends a GET request as an asynchronous operation.
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetHttpResponseMessageAsync(Namespace, ResourceName, IEnumerable<Argument>[])	Sends a GET request as an asynchronous operation.



	<code>GetHttpResponseMessageAsync(Namespace, ResourceName, CancellationToken,IEnumerable<Argument>[])</code>	Sends a GET request as an asynchronous operation.
≡	<code>GetType</code>	Gets the Type of the current instance. (Inherited from Object .)
≡	<code>MemberwiseClone</code>	Creates a shallow copy of the current Object . (Inherited from Object .)
≡	<code>PostAsync(Namespace, ResourceName,IEnumerable<Argument>[])</code>	Sends a POST request as an asynchronous operation.
≡	<code>PostAsync(Namespace, ResourceName, HttpContent,IEnumerable<Argument>[])</code>	Sends a POST request as an asynchronous operation.
≡	<code>SendAsync</code>	Sends a GET, POST, or DELETE request as an asynchronous operation.
≡	<code>ToString</code>	Converts the current Context to its string representation. (Overrides Object.ToString() .)

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◀ Fields

	Name	Description
	CookieJar	CookieStore to store authentication cookies.

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◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

[System.IDisposable](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

CookieStore Class

[CookieStore Constructor](#)

↳ [CookieStore Methods](#)

CookieStore Class

Provides a class for storing and parsing cookies from a Splunk server.

► Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.CookieStore](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public class CookieStore
```

The [CookieStore](#) type exposes the following members.

► Constructors

	Name	Description
≡	CookieStore	Initializes a new instance of the CookieStore class.

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► Methods

	Name	Description
≡	AddCookie	Parses a cookie header and stores the cookie contained within the header.

	ClearCookies	Removes all cookies from a <code>CookieStore</code> class.
	Equals	Determines whether the specified object is equal to the current object. (Inherited from <code>Object</code> .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from <code>Object</code> .)
	GetCookieHeader	Builds a string from stored cookies to create a string that can be put into a "Cookie:" header
	GetHashCode	Serves as the default hash function. (Inherited from <code>Object</code> .)
	GetType	Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code> .)
	IsEmpty	Returns whether the <code>CookieStore</code> has no cookies.
	MemberwiseClone	Creates a shallow copy of the current <code>Object</code> . (Inherited from <code>Object</code> .)
	ToString	Returns a string that represents the current object. (Inherited from <code>Object</code> .)

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◀ See Also

[Reference](#)[Splunk.Client Namespace](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

CustomJobArgs Class

↳ [CustomJobArgs Constructor](#)

[CustomJobArgs Properties](#)

[CustomJobArgs Methods](#)

CustomJobArgs Class

Provides custom arguments to a [Job](#).

Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.ArgumentSet](#)

[Splunk.Client.CustomJobArgs](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public sealed class CustomJobArgs : ArgumentSet
```

The [CustomJobArgs](#) type exposes the following members.

Constructors

	Name	Description
	CustomJobArgs()	Initializes a new instance of the CustomJobArgs class.
	CustomJobArgs(IEnumerable<Argument>)	Initializes a new instance of the CustomJobArgs class from a collection of Argument values.

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◀ Properties

	Name	Description
	ArgumentPrefix	Gets the argument prefix. (Inherited from ArgumentSet .)
	Count	Gets the number of. (Inherited from ArgumentSet .)
	IsReadOnly	Gets a value indicating whether this object is read only. (Inherited from ArgumentSet .)

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◀ Methods

	Name	Description
	Add	Adds item. (Inherited from ArgumentSet .)
	Clear	Clears this object to its blank/initial state. (Inherited from ArgumentSet .)
	Contains	Query if this object contains the given item. (Inherited from ArgumentSet .)
	CopyTo	Copies to. (Inherited from ArgumentSet .)
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)

≡	ExceptWith	Except with. (Inherited from ArgumentSet .)
≡	GetEnumerator	Gets the enumerator. (Inherited from ArgumentSet .)
≡	GetHashCode	Serves as the default hash function. (Inherited from Object .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
≡	IntersectWith	Intersect with. (Inherited from ArgumentSet .)
≡	IsProperSubsetOf	Is proper subset of the given other. (Inherited from ArgumentSet .)
≡	IsProperSupersetOf	Is proper superset of the given other. (Inherited from ArgumentSet .)
≡	IsSubsetOf	Is subset of the given other. (Inherited from ArgumentSet .)
≡	IsSupersetOf	Is superset of the given other. (Inherited from ArgumentSet .)
≡	Overlaps	Query if this object overlaps the given other. (Inherited from ArgumentSet .)
≡	Remove	Removes the given item. (Inherited from ArgumentSet .)
≡	SetEquals	Sets the equals. (Inherited from ArgumentSet .)
≡	SymmetricExceptWith	Symmetric except with. (Inherited from ArgumentSet .)

	ToString	Gets a string representation for the current ArgumentSet . (Inherited from ArgumentSet .)
	UnionWith	Union with. (Inherited from ArgumentSet .)

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▲ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.ArgumentSet](#)



Splunk.Client Namespace

Splunk.Client

AlertComparator Enumeration

AlertSeverity Enumeration

AlertTrack Enumeration

AlertType Enumeration

Application Class

ApplicationArchiveInfo Class

ApplicationAttributes Class

ApplicationCollection Class

ApplicationCollection.Filter Class

ApplicationSetupInfo Class

ApplicationUpdateInfo Class

ApplicationUpdateInfo.UpdateA Class

Args(TArgs) Class

Argument Class

ArgumentSet Class

AtomEntry Class

AtomFeed Class

AuthenticationFailureException Class

BadRequestException Class

BaseEntity(TResource) Class

BaseResource Class

Configuration Class

ConfigurationCollection Class

ConfigurationSetting Class

ConfigurationStanza Class

Context Class

DispatchState Enumeration

Specifies the state of a search [Job](#).

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum DispatchState
```

Copy

Members

Member name	Value	Description
None	0	Specifies that a Job has not yet been created.
Queued	1	Specifies that a Job has been queued by the dispatcher.
Parsing	2	Specifies that a Job is being parsed.
Running	3	Specifies that a Job is running.
Finalizing	4	Specifies that a Job is finalizing.
Done	5	Specifies that a Job completed.
Failed	6	Specifies that a Job terminated due to a fatal error.

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)

DispatchState Enumeration

- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
- ▷ [EmailFormat Enumeration](#)
- ▷ [Endpoint Class](#)
- ▷ [Entity\(TResource\) Class](#)
- ▷ [EntityCollection\(TEntity, TResource\) Class](#)
- ▷ [ExecutionMode Enumeration](#)
- ▷ [ExpandoAdapter Class](#)
- ▷ [ExpandoAdapter.Converter Class](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [IApplication Interface](#)
- ▷ [IApplicationArchiveInfo Interface](#)
- ▷ [IApplicationCollection\(TApplica Interface\)](#)
- ▷ [IApplicationSetupInfo Interface](#)
- ▷ [IApplicationUpdateInfo Interface](#)
- ▷ [IBaseResource Interface](#)
- ▷ [IConfiguration\(TConfigurations Interface\)](#)
- ▷ [IConfigurationCollection\(TConf TConfigurationStanza\) Interface](#)
- ▷ [IConfigurationSetting Interface](#)

Paused

7

Specifies that a [Job](#) is paused.

See Also

Reference

[Splunk.Client Namespace](#)

DispatchState Enumeration

- ▷ [IConfigurationStanza Interface](#)
- ▷ [IEntity Interface](#)
- ▷ [IEntityCollection\(TEntity, TResource\) Interface](#)
- ▷ [IIndex Interface](#)
- ▷ [IIndexCollection\(TIndex\) Interface](#)
- ▷ [IJob Interface](#)
- ▷ [IJobCollection\(TJob\) Interface](#)
- ▷ [Index Class](#)
- ▷ [IndexAttributes Class](#)
- ▷ [IndexCollection Class](#)
- ▷ [IndexCollection.Filter Class](#)
- ▷ [InternalServerErrorException Class](#)
- ▷ [IPaginated Interface](#)
- ▷ [ISavedSearch Interface](#)
- ▷ [ISavedSearchCollection\(TSave Interface\)](#)
- ▷ [IServer Interface](#)
- ▷ [IServerInfo Interface](#)
- ▷ [IServerMessage Interface](#)
- ▷ [IServerMessageCollection\(TServer Interface\)](#)
- ▷ [IServerSettings Interface](#)
- ▷ [IService Interface](#)
- ▷ [IStoragePassword Interface](#)
- ▷ [IStoragePasswordCollection\(TStorageInterface\)](#)
- ▷ [ITransmitter Interface](#)
- ▷ [Job Class](#)
- ▷ [Job.RuntimeAdapter Class](#)
- ▷ [JobArgs Class](#)

- ▷ [JobCollection Class](#)
- ▷ [JobCollection.Filter Class](#)
- LicenseState Enumeration
- ▷ [Message Class](#)
- MessageType Enumeration
- ▷ [Namespace Class](#)
- ▷ [Observable\(T\) Class](#)
- ▷ [Observer\(T\) Class](#)
- OutputMode Enumeration
- ▷ [Pagination Structure](#)
- PaperOrientation Enumeration
- PaperSize Enumeration
- ▷ [Permissions Class](#)
- ▷ [RequestException Class](#)
- ▷ [Resource Class](#)
- ▷ [ResourceCollection Class](#)
- ▷ [ResourceName Class](#)
- ▷ [ResourceNotFoundException Class](#)
- ▷ [Response Class](#)
- ▷ [SavedSearch Class](#)
- ▷ [SavedSearch.ActionsAdapter Class](#)
- ▷ [SavedSearch.ActionsAdapter.A Class](#)
- ▷ [SavedSearch.ActionsAdapter.E Class](#)
- ▷ [SavedSearch.ActionsAdapter.P Class](#)
- ▷ [SavedSearch.ActionsAdapter.R Class](#)
- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.ActionsAdapter.S](#)

Class

- ▷ [SavedSearch.AlertAdapter Class](#)
- ▷ [SavedSearch.AlertAdapter.Support Class](#)
- ▷ [SavedSearch.AutoSummarizeAll Class](#)
- ▷ [SavedSearch.AutoSummarizeAny Class](#)
- ▷ [SavedSearch.DispatchAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter.External Class](#)
- ▷ [SavedSearch.DisplayAdapter.General Class](#)
- ▷ [SavedSearch.DisplayAdapter.General Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Saved Class](#)
- ▷ [SavedSearch.DisplayAdapter.Verbose Class](#)
- ▷ [SavedSearch.DisplayAdapter.Verbose Class](#)

DispatchState Enumeration

- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter Class](#)
- ▷ [SavedSearchAttributes Class](#)
- ▷ [SavedSearchCollection Class](#)
- ▷ [SavedSearchCollection.Filter Class](#)
- ▷ [SavedSearchDispatchArgs Class](#)
- ▷ [SavedSearchTemplateArgs Class](#)
- Scheme Enumeration
- ▷ [SearchEventArgs Class](#)
- ▷ [SearchExportArgs Class](#)
- ▷ [SearchExportStream Class](#)
- SearchMode Enumeration
- ▷ [SearchPreview Class](#)
- ▷ [SearchPreviewStream Class](#)
- ▷ [SearchResult Class](#)
- ▷ [SearchResultArgs Class](#)
- ▷ [SearchResultStream Class](#)
- ▷ [Server Class](#)
- ▷ [ServerInfo Class](#)
- ▷ [ServerMessage Class](#)
- ▷ [ServerMessageCollection Class](#)
- ▷ [ServerMessageCollection.Filter Class](#)
- ServerMessageSeverity Enumeration
- ServerMode Enumeration
- ▷ [ServerSettings Class](#)
- ▷ [ServerSettingValues Class](#)
- ▷ [Service Class](#)
- SharingMode Enumeration

- [SortDirection Enumeration](#)
 - [SortMode Enumeration](#)
 - ▷ [StoragePassword Class](#)
 - ▷ [StoragePasswordCollection Class](#)
 - ▷ [StoragePasswordCollection.Filt Class](#)
 - ▷ [TaggedFieldValue Class](#)
 - ▷ [Transmitter Class](#)
 - ▷ [TransmitterArgs Class](#)
 - [TruncationMode Enumeration](#)
 - ▷ [UnauthorizedAccessException Class](#)
 - ▷ [ValueConverter\(TValue\) Class](#)
-



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ Eai Class

[Eai Constructor](#)

↳ [Eai Properties](#)

[Eai Methods](#)

Eai Class

Provides a class that represents a Splunk server's Extensible Administration Interface.

↳ Inheritance Hierarchy

System.Object

System.Dynamic.DynamicObject

Splunk.Client.ExpandoAdapter

[Splunk.Client.ExpandoAdapter<Eai>](#)

Splunk.Client.Eai

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class Eai : ExpandoAdapter<Eai>
```

The [Eai](#) type exposes the following members.

↳ Constructors

	Name	Description
	Eai	Initializes a new instance of the Eai class.

[Top](#)

↳ Properties

	Name	Description
--	------	-------------

	Acl	Gets the access control list properties.
	Attributes	Gets the attributes.

[Top](#)

◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)

	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue(String)	Gets a named item from the Dictionary< TKey, TValue> "/> backing the current ExpandoAdapter . (Inherited from ExpandoAdapter .)
	GetValue< TValue>(String, ValueConverter< TValue>)	Gets a named item from the underlying Object"/> and applies a ValueConverter< TValue> . (Inherited from ExpandoAdapter .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Returns a string that represents the current object. (Inherited from Object .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from DynamicObject .)
	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This

method is not intended for use in C# or Visual Basic.

(Inherited from [DynamicObject](#).)



[TryDeleteIndex](#)

Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic.

(Inherited from [DynamicObject](#).)



[TryDeleteMember](#)

Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic.

(Inherited from [DynamicObject](#).)



[TryGetIndex](#)

Provides the implementation for operations that get a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for indexing operations.

(Inherited from [DynamicObject](#).)



[TryGetMember](#)

Provides the implementation for operations that get dynamic member values.

(Inherited from [ExpandoAdapter](#).)



[TryInvoke](#)

Provides the implementation for operations that invoke an object. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate.

(Inherited from [DynamicObject](#).)



[TryInvokeMember](#)

Provides the implementation for operations that invoke a member. Classes derived from the

[DynamicObject](#) class can override this method to specify dynamic behavior for operations such as calling a method.
(Inherited from [DynamicObject](#).)

	TrySetIndex	Provides the implementation for operations that set a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that access objects by a specified index. (Inherited from DynamicObject .)
	TrySetMember	Provides the implementation for operations that set member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as setting a value for a property. (Inherited from DynamicObject .)
	TryUnaryOperation	Provides implementation for unary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement. (Inherited from DynamicObject .)

[Top](#)

◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.ExpandoAdapter<Eai>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **EaiAcl Class**

[EaiAcl Constructor](#)

↳ [EaiAcl Properties](#)

[EaiAcl Methods](#)

EaiAcl Class

Provides a class that represents a Splunk ACL.

↳ Inheritance Hierarchy

[System.Object](#)

[System.Dynamic.DynamicObject](#)

[Splunk.Client.ExpandoAdapter](#)

[Splunk.Client.ExpandoAdapter<EaiAcl>](#)

[Splunk.Client.EaiAcl](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public sealed class EaiAcl : ExpandoAdapter<EaiAcl>
```

The [EaiAcl](#) type exposes the following members.

↳ Constructors

	Name	Description
	EaiAcl	Initializes a new instance of the EaiAcl class.

[Top](#)

↳ Properties

	Name	Description
--	------	-------------

	App	Gets the application.
	CanList	Gets a value indicating whether we can list.
	CanWrite	Gets a value indicating whether we can write.
	Modifiable	Gets a value indicating whether this object is modifiable.
	Owner	Gets the owner.
	Permissions	Gets the permissions.
	Removable	Gets a value indicating whether this object is removable.
	Sharing	Gets the sharing.

[Top](#)

◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another

		<p>DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject.)</p>
≡	GetType	<p>Gets the Type of the current instance. (Inherited from Object.)</p>
≡	GetValue(String)	<p>Gets a named item from the Dictionary< TKey, TValue> " /> backing the current ExpandoAdapter. (Inherited from ExpandoAdapter.)</p>
≡	GetValue< TValue>(String, ValueConverter< TValue>)	<p>Gets a named item from the underlying Object " /> and applies a ValueConverter< TValue>. (Inherited from ExpandoAdapter.)</p>
≡	ToString	<p>Returns a string that represents the current object. (Inherited from Object.)</p>
≡	TryBinaryOperation	<p>Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject.)</p>
≡	TryConvert	<p>Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another.</p>

(Inherited from [DynamicObject](#).)

	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
	TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)
	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate.

(Inherited from [DynamicObject](#).)[TryInvokeMember](#)

Provides the implementation for operations that invoke a member. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as calling a method.

(Inherited from [DynamicObject](#).)[TrySetIndex](#)

Provides the implementation for operations that set a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations that access objects by a specified index.

(Inherited from [DynamicObject](#).)[TrySetMember](#)

Provides the implementation for operations that set member values. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as setting a value for a property.

(Inherited from [DynamicObject](#).)[TryUnaryOperation](#)

Provides implementation for unary operations. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement.

(Inherited from [DynamicObject](#).)[Top](#)

▲ See Also

Reference[Splunk.Client Namespace](#)[**Splunk.Client.ExpandoAdapter<EaiAcl>**](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **EaiAttributes Class**

[EaiAttributes Constructor](#)

↳ [EaiAttributes Properties](#)

[EaiAttributes Methods](#)

EaiAttributes Class

Provides a class that represents a Splunk ACL.

↳ Inheritance Hierarchy

System.Object

System.Dynamic.DynamicObject

Splunk.Client.ExpandoAdapter

Splunk.Client.ExpandoAdapter<EaiAttributes>

Splunk.Client.EaiAttributes

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public sealed class EaiAttributes : ExpandoAdapter<EaiAttributes>
```

The [EaiAttributes](#) type exposes the following members.

↳ Constructors

	Name	Description
	EaiAttributes	Initializes a new instance of the EaiAttributes class.

[Top](#)

↳ Properties

	Name	Description
--	------	-------------

	OptionalFields	Gets the optional fields.
	RequiredFields	Gets the required fields.
	WildcardFields	Gets the wildcard fields.

[Top](#)

◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)

	GetValue(String)	Gets a named item from the <code>Dictionary< TKey, TValue> "/></code> backing the current <code>ExpandoAdapter</code> . (Inherited from <code>ExpandoAdapter</code> .)
	GetValue< TValue>(String, ValueConverter< TValue>)	Gets a named item from the underlying <code>Object"/></code> and applies a <code>ValueConverter< TValue></code> . (Inherited from <code>ExpandoAdapter</code> .)
	ToString	Returns a string that represents the current object. (Inherited from <code>Object</code> .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the <code>DynamicObject</code> class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from <code>DynamicObject</code> .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the <code>DynamicObject</code> class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from <code>DynamicObject</code> .)
	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from <code>DynamicObject</code> .)
	TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended

for use in C# or Visual Basic.
(Inherited from [DynamicObject](#).)

	TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
	TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)
	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject .)
	TryInvokeMember	Provides the implementation for operations that invoke a member. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as calling a method. (Inherited from DynamicObject .)
	TrySetIndex	Provides the implementation for

operations that set a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations that access objects by a specified index.
(Inherited from [DynamicObject](#).)



[TrySetMember](#)

Provides the implementation for operations that set member values. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as setting a value for a property.
(Inherited from [DynamicObject](#).)



[TryUnaryOperation](#)

Provides implementation for unary operations. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement.
(Inherited from [DynamicObject](#).)

[Top](#)

◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.ExpandoAdapter<EaiAttributes>](#)



Splunk.Client Namespace

- [Splunk.Client](#)
 - [AlertComparator Enumeration](#)
 - [AlertSeverity Enumeration](#)
 - [AlertTrack Enumeration](#)
 - [AlertType Enumeration](#)
- [Application Class](#)
- [ApplicationArchiveInfo Class](#)
- [ApplicationAttributes Class](#)
- [ApplicationCollection Class](#)
- [ApplicationCollection.Filter Class](#)
- [ApplicationSetupInfo Class](#)
- [ApplicationUpdateInfo Class](#)
- [ApplicationUpdateInfo.UpdateA Class](#)
- [Args\(TArgs\) Class](#)
- [Argument Class](#)
- [ArgumentSet Class](#)
- [AtomEntry Class](#)
- [AtomFeed Class](#)
- [AuthenticationFailureException Class](#)
- [BadRequestException Class](#)
- [BaseEntity\(TResource\) Class](#)
- [BaseResource Class](#)
- [Configuration Class](#)
- [ConfigurationCollection Class](#)
- [ConfigurationSetting Class](#)
- [ConfigurationStanza Class](#)
- [Context Class](#)

EmailFormat Enumeration

Specifies the format of text in an e-mail.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

```
public enum EmailFormat
```

[Copy](#)

▲ Members

Member name	Value	Description
Csv	0	Specifies that an e-mail is formatted as comma-separated values.
Html	1	Specifies that an e-mail is formatted as HTML text.
Plain	2	Specifies that an e-mail is formatted as plain text.
Raw	3	Specifies that an e-mail contains raw data.

▲ Remarks

This value also applies to any attachments.



See Also

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- [DispatchState Enumeration](#)
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
- EmailFormat Enumeration**
- ▷ [Endpoint Class](#)
- ▷ [Entity\(TResource\) Class](#)
- ▷ [EntityCollection\(TEntity, TResource\) Class](#)
- [ExecutionMode Enumeration](#)
- ▷ [ExpandoAdapter Class](#)
- ▷ [ExpandoAdapter.Converter Class](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class](#)
- ▷ [IApplication Interface](#)
- ▷ [IApplicationArchiveInfo Interface](#)
- ▷ [IApplicationCollection\(TApplica Interface](#)
- ▷ [IApplicationSetupInfo Interface](#)
- ▷ [IApplicationUpdateInfo Interface](#)
- ▷ [IBaseResource Interface](#)
- ▷ [IConfiguration\(TConfigurations Interface](#)
- ▷ [IConfigurationCollection\(TConf TConfigurationStanza\) Interface](#)

Reference

[Splunk.Client Namespace](#)

- ▷ [IConfigurationSetting Interface](#)
- ▷ [IConfigurationStanza Interface](#)
- ▷ [IEntity Interface](#)
- ▷ [IEntityCollection\(TEntity, TResource\) Interface](#)
- ▷ [IIndex Interface](#)
- ▷ [IIndexCollection\(TIndex\) Interface](#)
- ▷ [IJob Interface](#)
- ▷ [IJobCollection\(TJob\) Interface](#)
- ▷ [Index Class](#)
- ▷ [IndexAttributes Class](#)
- ▷ [IndexCollection Class](#)
- ▷ [IndexCollection.Filter Class](#)
- ▷ [InternalServerErrorException Class](#)
- ▷ [IPaginated Interface](#)
- ▷ [ISavedSearch Interface](#)
- ▷ [ISavedSearchCollection\(TSave Interface\)](#)
- ▷ [IServer Interface](#)
- ▷ [IServerInfo Interface](#)
- ▷ [IServerMessage Interface](#)
- ▷ [IServerMessageCollection\(TServer Interface\)](#)
- ▷ [IServerSettings Interface](#)
- ▷ [IService Interface](#)
- ▷ [IStoragePassword Interface](#)
- ▷ [IStoragePasswordCollection\(TStorageInterface\)](#)
- ▷ [ITransmitter Interface](#)
- ▷ [Job Class](#)

- ▷ [Job.RuntimeAdapter Class](#)
- ▷ [JobArgs Class](#)
- ▷ [JobCollection Class](#)
- ▷ [JobCollection.Filter Class](#)
- LicenseState Enumeration
- ▷ [Message Class](#)
- MessageType Enumeration
- ▷ [Namespace Class](#)
- ▷ [Observable\(T\) Class](#)
- ▷ [Observer\(T\) Class](#)
- OutputMode Enumeration
- ▷ [Pagination Structure](#)
- PaperOrientation Enumeration
- PaperSize Enumeration
- ▷ [Permissions Class](#)
- ▷ [RequestException Class](#)
- ▷ [Resource Class](#)
- ▷ [ResourceCollection Class](#)
- ▷ [ResourceName Class](#)
- ▷ [ResourceNotFoundException Class](#)
- ▷ [Response Class](#)
- ▷ [SavedSearch Class](#)
- ▷ [SavedSearch.ActionsAdapter Class](#)
- ▷ [SavedSearch.ActionsAdapter.A Class](#)
- ▷ [SavedSearch.ActionsAdapter.E Class](#)
- ▷ [SavedSearch.ActionsAdapter.P Class](#)
- ▷ [SavedSearch.ActionsAdapter.R Class](#)
- ▷ [SavedSearch.ActionsAdapter.S](#)

Class

- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.AlertAdapter Class](#)
- ▷ [SavedSearch.AlertAdapter.Su Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.DispatchAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.E Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.S Class](#)
- ▷ [SavedSearch.DisplayAdapter.V Class](#)

- ▷ [SavedSearch.DisplayAdapter.V Class](#)
- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter Class](#)
- ▷ [SavedSearchAttributes Class](#)
- ▷ [SavedSearchCollection Class](#)
- ▷ [SavedSearchCollection.Filter Class](#)
- ▷ [SavedSearchDispatchArgs Class](#)
- ▷ [SavedSearchTemplateArgs Class](#)
- Scheme Enumeration
- ▷ [SearchEventArgs Class](#)
- ▷ [SearchExportArgs Class](#)
- ▷ [SearchExportStream Class](#)
- SearchMode Enumeration
- ▷ [SearchPreview Class](#)
- ▷ [SearchPreviewStream Class](#)
- ▷ [SearchResult Class](#)
- ▷ [SearchResultArgs Class](#)
- ▷ [SearchResultStream Class](#)
- ▷ [Server Class](#)
- ▷ [ServerInfo Class](#)
- ▷ [ServerMessage Class](#)
- ▷ [ServerMessageCollection Class](#)
- ▷ [ServerMessageCollection.Filter Class](#)
- ServerMessageSeverity Enumeration
- ServerMode Enumeration
- ▷ [ServerSettings Class](#)
- ▷ [ServerSettingValues Class](#)

- ▷ [Service Class](#)
 - SharingMode Enumeration
 - SortDirection Enumeration
 - SortMode Enumeration
 - ▷ [StoragePassword Class](#)
 - ▷ [StoragePasswordCollection Class](#)
 - ▷ [StoragePasswordCollection.Filter Class](#)
 - ▷ [TaggedFieldValue Class](#)
 - ▷ [Transmitter Class](#)
 - ▷ [TransmitterArgs Class](#)
 - TruncationMode Enumeration
 - ▷ [UnauthorizedAccessException Class](#)
 - ▷ [ValueConverter\(TValue\) Class](#)
-



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Endpoint Class**

- ↳ [Endpoint Constructor](#)
- ↳ [Endpoint Properties](#)
- ↳ [Endpoint Methods](#)
- ↳ [Endpoint Operators](#)

Endpoint Class

Provides a base class that represents a Splunk endpoint as an object.

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Endpoint](#)

[Splunk.Client BaseEntity<TResource>](#)

[Splunk.Client.Server](#)

[Splunk.Client.Transmitter](#)

Namespace: [Splunk.Client](#)

Assembly: [Splunk.Client \(in Splunk.Client.dll\)](#) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class Endpoint : IComparable, IComparable<Endpoint>,
    IEquatable<Endpoint>
```

The [Endpoint](#) type exposes the following members.

↳ Constructors

	Name	Description
≡	Endpoint()	Infrastructure. Initializes a new instance of the Endpoint class.
≡	Endpoint(Context, Uri)	Initializes a new instance of the Endpoint class.
≡		

	<code>Endpoint(Service, ResourceName)</code>	Initializes a new instance of the <code>Endpoint</code> class.
	<code>Endpoint(Context, Namespace, ResourceName)</code>	Initializes a new instance of the <code>Endpoint</code> class.

[Top](#)

◀ Properties

	Name	Description
	<code>Context</code>	Gets the <code>Context</code> instance for the current <code>Endpoint</code> .
	<code>Name</code>	Gets the name of the current <code>Endpoint</code> , which is the final part of <code>ResourceName</code> .
	<code>Namespace</code>	Gets the namespace containing the current <code>Endpoint</code> .
	<code>ResourceName</code>	Gets the name of the current <code>Endpoint</code> .

[Top](#)

◀ Methods

	Name	Description
	<code>CompareTo(Object)</code>	Compares the specified object with the current <code>Endpoint</code> instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object.
	<code>CompareTo(Endpoint)</code>	Compares the specified <code>Endpoint</code> with the current instance and indicates whether the

		identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance.
	Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Overrides Object.Equals(Object) .)
	Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one.
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetHashCode	Returns the hash code for the current Endpoint . (Overrides Object.GetHashCode() .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint .
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint .
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Gets a string identifying the current Endpoint . (Overrides Object.ToString() .)

[Top](#)

◀ Operators

	Name	Description
	Equality	Determines whether two <code>Endpoint</code> instances refer to the same resource.
	GreaterThan	Greater-than comparison operator.
	GreaterThanOrEqual	Greater-than-or-equal comparison operator.
	Inequality	Determines whether two <code>Endpoint</code> instances refer to different resources.
	LessThan	Less-than comparison operator.
	LessThanOrEqual	Less-than-or-equal comparison operator.

[Top](#)

◀ See Also

Reference

[Splunk.Client Namespace](#)

[System.IComparable](#)

[System.IComparable<Endpoint>](#)

[System.IEquatable<Endpoint>](#)



↳ Splunk.Client Namespace

↳ Splunk.Client

↳ Service Class

↳ Service Methods

↳ CreateEntity Method

↳ CreateEntityCollection Method

↳ CreateEntityCollectionCollection Method

DispatchSavedSearchAsync Method

↳ Dispose Method

ExportSearchPreviewsAsync Method

ExportSearchResultsAsync Method

GetCapabilitiesAsync Method

LogOffAsync Method

LogOnAsync Method

SearchAsync Method

SearchOneShotAsync Method

ToString Method

Service.LogOnAsync Method

Provides user authentication asynchronously.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

```
public virtual Task LogOnAsync(  
    string username,  
    string password  
)
```

[Copy](#)

Parameters

username

Type: [System.String](#)

Splunk account username.

password

Type: [System.String](#)

Splunk account password for username.

Return Value

Type: [Task](#)

A [Task](#) representing the operation.

Implements

[IService.LogOnAsync\(String, String\)](#)

↳ Remarks

This method uses the [POST auth/login](#) endpoint. The session key this endpoint returns is used for subsequent requests. It is accessible via the [SessionKey](#) property.

◀ See Also

[Reference](#)

[Service Class](#)

[Splunk.Client Namespace](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)

Entity(TResource) Class

- [Entity\(TResource\) Constructor](#)
- [Entity\(TResource\) Properties](#)
- [Entity\(TResource\) Methods](#)

Entity<TResource> Class

Provides an object representation of a Splunk entity.

Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
    Splunk.Client BaseEntity< TResource >
      Splunk.Client.Entity< TResource >
        More...
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public class Entity<TResource> : BaseEntity<TResource>,
  IEntity
where TResource : new(), BaseResource
```

[Copy](#)

Type Parameters

TResource

Type of the resource.

The Entity< TResource > type exposes the following members.

Constructors

	Name	Description
	Entity<TResource>()	Infrastructure. Initializes a new instance of the Entity< TResource > class.
	Entity<TResource>(Context, AtomFeed)	Initializes a new instance of the Entity< TResource > class.
	Entity<TResource>(Service,	Initializes a new instance of the Entity<

ResourceName)

`TResource> class.``Entity<TResource>(Context, Namespace, ResourceName)`Initializes a new instance of the `Entity<TResource>` class.`Entity<TResource>(Context, Namespace, ResourceName, String)`Initializes a new instance of the `Entity<TResource>` class.[Top](#)

Properties

	Name	Description
	<code>Content</code>	Gets the content.
	<code>Context</code>	Gets the <code>Context</code> instance for the current <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)
	<code>Dynamic</code>	Gets the dynamic. (Inherited from <code> BaseEntity<TResource></code> .)
	<code>GeneratorVersion</code>	(Inherited from <code> BaseEntity<TResource></code> .)
	<code>Id</code>	(Inherited from <code> BaseEntity<TResource></code> .)
	<code>Name</code>	Gets the name of the current <code>Endpoint</code> , which is the final part of <code>ResourceName</code> . (Inherited from <code>Endpoint</code> .)
	<code>Namespace</code>	Gets the namespace containing the current <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)
	<code>ResourceName</code>	Gets the name of the current <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)
	<code>Snapshot</code>	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from <code> BaseEntity<TResource></code> .)
	<code>Title</code>	(Inherited from <code> BaseEntity<TResource></code> .)
	<code>Updated</code>	(Inherited from <code> BaseEntity<TResource></code> .)

[Top](#)

◀ Methods

Name	Description
 CompareTo(Object)	Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)
 CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
 CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity< TResource > in derived types. (Inherited from BaseEntity< TResource > .)
 CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity< TResource > in derived types. (Overrides BaseEntity< TResource >.CreateSnapshot(AtomFeed) .)
 CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity< TResource > . (Overrides BaseEntity< TResource >.CreateSnapshot(AtomEntry, Version) .)
 Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)

	GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved.
	GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue< TValue >	Gets a converted property value from the current snapshot of the current Entity< TResource > .
	Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity< TResource > . (Inherited from BaseEntity< TResource > .)
	RemoveAsync	Asynchronously removes the current entity from Splunk.
	SendAsync	Asynchronously invokes an action on the current entity from Splunk.
	ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)
	UpdateAsync(Argument[])	Asynchronously updates the attributes of the

current entity on Splunk.



UpdateAsync(IEnumerable<Argument>)

Asynchronously updates the attributes of the current entity on Splunk.

[Top](#)

Remarks

This is the base class for all Splunk entities.

See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client BaseEntity<TResource>](#)

[Splunk.Client IEntity](#)

Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Endpoint](#)

[Splunk.Client BaseEntity<TResource>](#)

[Splunk.Client Entity<TResource>](#)

[Splunk.Client Application](#)

[Splunk.Client ConfigurationStanza](#)

[Splunk.Client Index](#)

[Splunk.Client Job](#)

[Splunk.Client SavedSearch](#)

[Splunk.Client ServerMessage](#)

[Splunk.Client StoragePassword](#)



▶ [Splunk.Client Namespace](#)

▶ [Splunk.Client](#)

◀ **EntityCollection(TEntity, TResource) Class**

- ▶ [EntityCollection\(TEntity, TResource\) Constructor](#)
- ▶ [EntityCollection\(TEntity, TResource\) Properties](#)
- ▶ [EntityCollection\(TEntity, TResource\) Methods](#)

EntityCollection< TEntity, TResource > Class

Provides a base class for representing a collection of Splunk resources.

◀ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Endpoint](#)

[Splunk.Client BaseEntity<ResourceCollection>](#)

[Splunk.Client.EntityCollection< TEntity, TResource >](#)

[More...](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

◀ Syntax

C#

[Copy](#)

```
public class EntityCollection< TEntity, TResource > :  
    BaseEntity< ResourceCollection >,  
        IEntityCollection< TEntity, TResource >, IReadOnlyList< TEntity >,  
        IReadOnlyCollection< TEntity >,  
        IEnumerable< TEntity >, IEnumerable  
    where TEntity : new(), BaseEntity< TResource >  
    where TResource : new(), BaseResource
```

Type Parameters

TEntity

Type of the entity.

TResource

Type of the resource.

The `EntityCollection< TEntity, TResource >` type exposes the following members.

◀ Constructors

Name	Description
------	-------------

	EntityCollection<TEntity, TResource>()	Infrastructure. Initializes a new instance of the EntityCollection< TEntity, TResource > class.
	EntityCollection<TEntity, TResource>(Context, AtomFeed)	Initializes a new instance of the EntityCollection< TEntity, TResource > class.
	EntityCollection<TEntity, TResource>(Service, ResourceName)	Initializes a new EntityCollection< TEntity, TResource > instance.
	EntityCollection<TEntity, TResource>(Context, AtomEntry, Version)	Initializes a new instance of the EntityCollection< TEntity, TResource > class.
	EntityCollection<TEntity, TResource>(Context, Namespace, ResourceName)	Initializes a new instance of the EntityCollection< TEntity, TResource > class.

[Top](#)

Properties

	Name	Description
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	Count	Gets the number of entries in the current EntityCollection< TEntity, TResource >.
	Dynamic	Gets the dynamic. (Inherited from BaseEntity< TResource > .)
	GeneratorVersion	(Inherited from BaseEntity< TResource > .)
	Id	(Inherited from BaseEntity< TResource > .)
	Item	Gets the entity at the specified <i>index</i> .
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	ResourceName	Gets the name of the current Endpoint .

(Inherited from [Endpoint](#).)

	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity<TResource> .)
	Title	(Inherited from BaseEntity<TResource> .)
	Updated	(Inherited from BaseEntity<TResource> .)

[Top](#)

Methods

	Name	Description
	CompareTo(Object)	Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)
	CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
	CreateAsync(Argument[])	Asynchronously creates a new Splunk entity.
	CreateAsync(IEnumerable<Argument>)	Asynchronously creates a new Splunk entity.
	CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity<TResource> in derived types. (Overrides BaseEntity<TResource>.CreateSnapshot(AtomFeed) .)
	CreateSnapshot(ResourceCollection)	Updates the content of the current BaseEntity<TResource> in derived types. (Overrides BaseEntity<TResource>.CreateSnapshot(TResource) .)
	CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity<TResource> .

(Overrides
BaseEntity<TResource>.CreateSnapshot(AtomEntry, Version).)

 Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
 GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > .
 GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name.
 GetEnumerator	Gets an enumerator that iterates through the current EntityCollection< TEntity, TResource > .
 GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
 GetOrNullAsync	Asynchronously retrieves an entity in the current collection by name.
 GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > .
 GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > .
 GetType	Gets the Type of the current instance. (Inherited from Object .)
 Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class.

	Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource>. class. (Inherited from BaseEntity<TResource>.)
	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource>. class. (Inherited from BaseEntity<TResource>.)
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity<TResource>. (Inherited from BaseEntity<TResource>.)
	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource > .
	ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)

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Remarks

References:

1. [Accessing Splunk resources](#), especially "Other actions for Splunk REST API endpoints".
2. [REST API Reference](#).

See Also

[Reference](#)[Splunk.Client Namespace](#)[Splunk.Client.EntityCollection<ResourceCollection>](#)

Splunk.Client.IEntityCollection< TEntity, TResource >**▲ Inheritance Hierarchy**[System.Object](#)[Splunk.Client.Endpoint](#)[Splunk.Client.BaseEntity< ResourceCollection >](#)[Splunk.Client.EntityCollection< TEntity, TResource >](#)[Splunk.Client.ApplicationCollection](#)[Splunk.Client.Configuration](#)[Splunk.Client.ConfigurationCollection](#)[Splunk.Client.IndexCollection](#)[Splunk.Client.JobCollection](#)[Splunk.Client.SavedSearchCollection](#)[Splunk.Client.ServerMessageCollection](#)[Splunk.Client.StoragePasswordCollection](#)



Splunk.Client Namespace

Splunk.Client

AlertComparator Enumeration

AlertSeverity Enumeration

AlertTrack Enumeration

AlertType Enumeration

Application Class

ApplicationArchiveInfo Class

ApplicationAttributes Class

ApplicationCollection Class

ApplicationCollection.Filter Class

ApplicationSetupInfo Class

ApplicationUpdateInfo Class

ApplicationUpdateInfo.UpdateA Class

Args(TArgs) Class

Argument Class

ArgumentSet Class

AtomEntry Class

AtomFeed Class

AuthenticationFailureException Class

BadRequestException Class

BaseEntity(TResource) Class

BaseResource Class

Configuration Class

ConfigurationCollection Class

ConfigurationSetting Class

ConfigurationStanza Class

Context Class

ExecutionMode Enumeration

Specifies the type of a Splunk search [Job](#).

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum ExecutionMode
```

[Copy](#)

Members

	Member name	Value	Description
	Normal	0	Specifies an asynchronous Job .
	Blocking	1	Specifies that a Search ID (SID) should be returned when the Job completes, not before then.
	OneShot	2	Specifies that a Search ID (SID) should be returned when the Job is complete.

See Also

Reference

[Splunk.Client Namespace](#)

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- DispatchState Enumeration
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
- EmailFormat Enumeration
- ▷ [Endpoint Class](#)
- ▷ [Entity\(TResource\) Class](#)
- ▷ [EntityCollection\(TEntity, TResource\) Class](#)
- ExecutionMode Enumeration**
- ▷ [ExpandoAdapter Class](#)
- ▷ [ExpandoAdapter.Converter Class](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [IApplication Interface](#)
- ▷ [IApplicationArchiveInfo Interface](#)
- ▷ [IApplicationCollection\(TApplica Interface\)](#)
- ▷ [IApplicationSetupInfo Interface](#)
- ▷ [IApplicationUpdateInfo Interface](#)
- ▷ [IBaseResource Interface](#)
- ▷ [IConfiguration\(TConfigurations Interface\)](#)
- ▷ [IConfigurationCollection\(TConf TConfigurationStanza\) Interface](#)
- ▷ [IConfigurationSetting](#)

ExecutionMode Enumeration

Interface

- ▷ [IConfigurationStanza Interface](#)
- ▷ [IEntity Interface](#)
- ▷ [IEntityCollection\(TEntity, TResource\) Interface](#)
- ▷ [IIndex Interface](#)
- ▷ [IIndexCollection\(TIndex\) Interface](#)
- ▷ [IJob Interface](#)
- ▷ [IJobCollection\(TJob\) Interface](#)
- ▷ [Index Class](#)
- ▷ [IndexAttributes Class](#)
- ▷ [IndexCollection Class](#)
- ▷ [IndexCollection.Filter Class](#)
- ▷ [InternalServerErrorException Class](#)
- ▷ [IPaginated Interface](#)
- ▷ [ISavedSearch Interface](#)
- ▷ [ISavedSearchCollection\(TSave Interface\)](#)
- ▷ [IServer Interface](#)
- ▷ [IServerInfo Interface](#)
- ▷ [IServerMessage Interface](#)
- ▷ [IServerMessageCollection\(TServer Interface\)](#)
- ▷ [IServerSettings Interface](#)
- ▷ [IService Interface](#)
- ▷ [IStoragePassword Interface](#)
- ▷ [IStoragePasswordCollection\(TStorage Interface\)](#)
- ▷ [ITxTransmitter Interface](#)
- ▷ [Job Class](#)
- ▷ [Job.RuntimeAdapter Class](#)

ExecutionMode Enumeration

- ▷ [JobArgs Class](#)
- ▷ [JobCollection Class](#)
- ▷ [JobCollection.Filter Class](#)
- LicenseState Enumeration
- ▷ [Message Class](#)
- MessageType Enumeration
- ▷ [Namespace Class](#)
- ▷ [Observable\(T\) Class](#)
- ▷ [Observer\(T\) Class](#)
- OutputMode Enumeration
- ▷ [Pagination Structure](#)
- PaperOrientation Enumeration
- PaperSize Enumeration
- ▷ [Permissions Class](#)
- ▷ [RequestException Class](#)
- ▷ [Resource Class](#)
- ▷ [ResourceCollection Class](#)
- ▷ [ResourceName Class](#)
- ▷ [ResourceNotFoundException Class](#)
- ▷ [Response Class](#)
- ▷ [SavedSearch Class](#)
- ▷ [SavedSearch.ActionsAdapter Class](#)
- ▷ [SavedSearch.ActionsAdapter.A Class](#)
- ▷ [SavedSearch.ActionsAdapter.E Class](#)
- ▷ [SavedSearch.ActionsAdapter.P Class](#)
- ▷ [SavedSearch.ActionsAdapter.R Class](#)
- ▷ [SavedSearch.ActionsAdapter.S Class](#)

ExecutionMode Enumeration

- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.AlertAdapter Class](#)
- ▷ [SavedSearch.AlertAdapter.Super Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.DispatchAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter.External Class](#)
- ▷ [SavedSearch.DisplayAdapter.External Class](#)
- ▷ [SavedSearch.DisplayAdapter.External Class](#)
- ▷ [SavedSearch.DisplayAdapter.External Class](#)
- ▷ [SavedSearch.DisplayAdapter.General Class](#)
- ▷ [SavedSearch.DisplayAdapter.General Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Partial Class](#)
- ▷ [SavedSearch.DisplayAdapter.Super Class](#)
- ▷ [SavedSearch.DisplayAdapter.Virtual Class](#)
- ▷ [SavedSearch.DisplayAdapter.Virtual Class](#)

Class

- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter Class](#)
- ▷ [SavedSearchAttributes Class](#)
- ▷ [SavedSearchCollection Class](#)
- ▷ [SavedSearchCollection.Filter Class](#)
- ▷ [SavedSearchDispatchArgs Class](#)
- ▷ [SavedSearchTemplateArgs Class](#)
 - Scheme Enumeration
- ▷ [SearchEventArgs Class](#)
- ▷ [SearchExportArgs Class](#)
- ▷ [SearchExportStream Class](#)
 - SearchMode Enumeration
- ▷ [SearchPreview Class](#)
- ▷ [SearchPreviewStream Class](#)
- ▷ [SearchResult Class](#)
- ▷ [SearchResultArgs Class](#)
- ▷ [SearchResultStream Class](#)
- ▷ [Server Class](#)
- ▷ [ServerInfo Class](#)
- ▷ [ServerMessage Class](#)
- ▷ [ServerMessageCollection Class](#)
- ▷ [ServerMessageCollection.Filter Class](#)
 - ServerMessageSeverity Enumeration
 - ServerMode Enumeration
- ▷ [ServerSettings Class](#)
- ▷ [ServerSettingValues Class](#)
- ▷ [Service Class](#)

- [SharingMode Enumeration](#)
 - [SortDirection Enumeration](#)
 - [SortMode Enumeration](#)
 - ▷ [StoragePassword Class](#)
 - ▷ [StoragePasswordCollection Class](#)
 - ▷ [StoragePasswordCollection.Filt Class](#)
 - ▷ [TaggedFieldValue Class](#)
 - ▷ [Transmitter Class](#)
 - ▷ [TransmitterArgs Class](#)
 - [TruncationMode Enumeration](#)
 - ▷ [UnauthorizedAccessException Class](#)
 - ▷ [ValueConverter\(TValue\) Class](#)
-



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ [ExpandoAdapter Class](#)

↳ [ExpandoAdapter Constructor](#)

↳ [ExpandoAdapter Methods](#)

↳ [ExpandoAdapter Fields](#)

ExpandoAdapter Class

Provides a base class for implementing `Dictionary< TKey, TValue>` instances.

↳ [Inheritance Hierarchy](#)

`System.Object`

`System.Dynamic.DynamicObject`

`Splunk.Client.ExpandoAdapter`

`Splunk.Client.BaseResource`

`Splunk.Client.ExpandoAdapter<TExpandoAdapter>`

`Splunk.Client.SearchResult`

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in `Splunk.Client.dll`) Version: 2.2.8.0 (2.2.8.0)

↳ [Syntax](#)

C#

[Copy](#)

```
public class ExpandoAdapter : DynamicObject
```

The `ExpandoAdapter` type exposes the following members.

↳ [Constructors](#)

	Name	Description
	ExpandoAdapter()	Infrastructure. Initializes a new instance of the <code>ExpandoAdapter</code> class.
	ExpandoAdapter(Dictionary<String, Object>)	Initializes a new instance of the <code>ExpandoAdapter</code> class.

[Top](#)

◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Overrides DynamicObject.GetDynamicMemberNames() .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue(String)	Gets a named item from the Dictionary< TKey, TValue > backing the current ExpandoAdapter .
	GetValue< TValue >(String, ValueConverter< TValue >)	Gets a named item from the underlying Object and applies a

ValueConverter< TValue >.

	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Returns a string that represents the current object. (Inherited from Object .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from DynamicObject .)
	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to

		specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
	TryGetMember	Provides the implementation for operations that get dynamic member values. (Overrides DynamicObject.TryGetMember(GetMemberBinder, Object) .)
	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject .)
	TryInvokeMember	Provides the implementation for operations that invoke a member. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as calling a method. (Inherited from DynamicObject .)
	TrySetIndex	Provides the implementation for operations that set a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that access objects by a specified index. (Inherited from DynamicObject .)
	TrySetMember	Provides the implementation for operations that set member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as setting a value for a property. (Inherited from DynamicObject .)
	TryUnaryOperation	Provides implementation for unary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as negation,

increment, or decrement.
(Inherited from [DynamicObject](#).)

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► Fields

	Name	Description
	Empty	The empty.

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► See Also

Reference

[Splunk.Client Namespace](#)
[System.Dynamic.DynamicObject](#)



▶ Splunk.Client Namespace

▶ Splunk.Client

▶ ExpandoAdapter.Converter Class

▶ ExpandoAdapter.Converter Constructor

▶ Converter Properties

▶ Converter Methods

ExpandoAdapter.Converter Class

Provides a converter to create [ExpandoAdapter](#) instances from [Dictionary< TKey, TValue >](#) instances.

▶ Inheritance Hierarchy

System.Object

▶ Splunk.Client.ValueConverter<ExpandoAdapter>

▶ Splunk.Client.ExpandoAdapter.Converter

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▶ Syntax

C#

Copy

```
public class Converter : ValueConverter<ExpandoAdapter>
```

The [ExpandoAdapter. Converter](#) type exposes the following members.

▶ Constructors

	Name	Description
≡	ExpandoAdapter.Converter	Initializes a new instance of the ExpandoAdapter. Converter class

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▶ Properties

	Name	Description
--	------	-------------

	DefaultValue	Gets the default value. (Inherited from ValueConverter<TValue> .)
--	------------------------------	--

		Instance	Gets the instance.
---	---	--------------------------	--------------------

[Top](#)

◀ Methods

	Name	Description
	Convert	Converts the given input. (Overrides ValueConverter<TValue>.Convert(Object) .)
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Returns a string that represents the current object. (Inherited from Object .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[**Splunk.Client.ValueConverter<ExpandoAdapter>**](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)

ExpandoAdapter(TExpandoAdapter) Class

[ExpandoAdapter\(TExpandoAdapter\) Constructor](#)[ExpandoAdapter\(TExpandoAdapter\) Methods](#)

ExpandoAdapter<TExpandoAdapter> Class

Provides a generic base class for implementing strong types backed by [Dictionary< TKey, TValue >](#) instances.

Inheritance Hierarchy

[System.Object](#)[System.Dynamic.DynamicObject](#)[Splunk.Client.ExpandoAdapter](#)[Splunk.Client.ExpandoAdapter<TExpandoAdapter>](#)[More...](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

[C#](#)[Copy](#)

```
public class ExpandoAdapter<TExpandoAdapter> : ExpandoAdapter  
where TExpandoAdapter : new(), ExpandoAdapter
```

Type Parameters

TExpandoAdapter

Type of the adapter.

The [ExpandoAdapter< TExpandoAdapter >](#) type exposes the following members.

Constructors

Name	Description
------	-------------



[ExpandoAdapter<TExpandoAdapter>](#) Initializes a new instance of the ExpandoAdapter class.

[Top](#)

◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended to be used directly from your code. (Inherited from DynamicObject .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)

	GetValue(String)	Gets a named item from the <code>Dictionary< TKey, TValue ></code> backing the current <code>ExpandoAdapter</code> . (Inherited from <code>ExpandoAdapter</code> .)
	GetValue< TValue >(String, ValueConverter< TValue >)	Gets a named item from the underlying <code>Object</code> and applies a <code>ValueConverter< TValue ></code> . (Inherited from <code>ExpandoAdapter</code> .)
	MemberwiseClone	Creates a shallow copy of the current <code>Object</code> . (Inherited from <code>Object</code> .)
	ToString	Returns a string that represents the current object. (Inherited from <code>Object</code> .)
	TryBinaryOperation	Provides implementation for binary operations. Classes derived from the <code>DynamicObject</code> class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from <code>DynamicObject</code> .)
	TryConvert	Provides implementation for type conversion operations. Classes derived from the <code>DynamicObject</code> class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from <code>DynamicObject</code> .)
	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from <code>DynamicObject</code> .)
	TryDeleteIndex	Provides the implementation for operations that delete an object by index.

This method is not intended for use in C# or Visual Basic.
(Inherited from [DynamicObject](#).)

≡ TryDeleteMember
Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic.
(Inherited from [DynamicObject](#).)

≡ TryGetIndex
Provides the implementation for operations that get a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for indexing operations.
(Inherited from [DynamicObject](#).)

≡ TryGetMember
Provides the implementation for operations that get dynamic member values.
(Inherited from [ExpandoAdapter](#).)

≡ TryInvoke
Provides the implementation for operations that invoke an object. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate.
(Inherited from [DynamicObject](#).)

≡ TryInvokeMember
Provides the implementation for operations that invoke a member. Classes derived from the [DynamicObject](#) class can override this method to specify dynamic behavior for operations such as calling a method.
(Inherited from [DynamicObject](#).)

≡ TrySetIndex
Provides the implementation for operations that set a value by index. Classes derived from the [DynamicObject](#) class can override this method to specify

		dynamic behavior for operations that access objects by a specified index. (Inherited from DynamicObject .)
	TrySetMember	Provides the implementation for operations that set member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as setting a value for a property. (Inherited from DynamicObject .)
	TryUnaryOperation	Provides implementation for unary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement. (Inherited from DynamicObject .)

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See Also

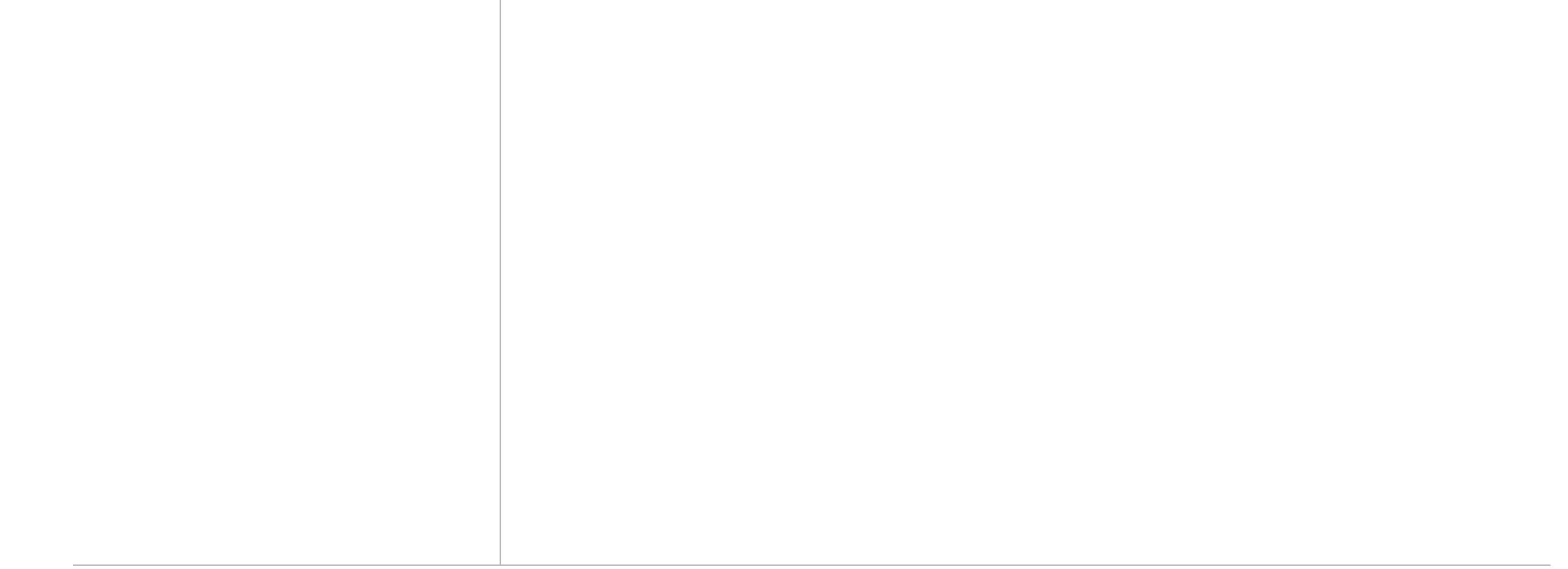
Reference

[Splunk.Client Namespace](#)
[Splunk.Client.ExpandoAdapter](#)

Inheritance Hierarchy

System.Object
 System.Dynamic.DynamicObject
 Splunk.Client.ExpandoAdapter
 Splunk.Client.ExpandoAdapter<TExpandoAdapter>
 Splunk.Client.ApplicationUpdateInfo.UpdateAdapter
 Splunk.Client.Eai
 Splunk.Client.EaiAcl
 Splunk.Client.EaiAttributes
 Splunk.Client.Job.RuntimeAdapter
 Splunk.Client.Permissions
 Splunk.Client.SavedSearch.ActionsAdapter
 Splunk.Client.SavedSearch.ActionsAdapter.Action<TAction>

Splunk.Client.SavedSearch.AlertAdapter
Splunk.Client.SavedSearch.AlertAdapter.SuppressAdapter
Splunk.Client.SavedSearch.AutoSummarizeAdapter
Splunk.Client.SavedSearch.AutoSummarizeAdapter.DispatchAdapter
Splunk.Client.SavedSearch.DispatchAdapter
Splunk.Client.SavedSearch.DisplayAdapter
Splunk.Client.SavedSearch.DisplayAdapter.EventsAdapter
Splunk.Client.SavedSearch.DisplayAdapter.EventsAdapter.ListAdapter
Splunk.Client.SavedSearch.DisplayAdapter.EventsAdapter.RawAdapter
Splunk.Client.SavedSearch.DisplayAdapter.EventsAdapter.TableAdapter
Splunk.Client.SavedSearch.DisplayAdapter.GeneralAdapter
Splunk.Client.SavedSearch.DisplayAdapter.GeneralAdapter.TimeRangePickerAdapter
Splunk.Client.SavedSearch.DisplayAdapter.PageAdapter
Splunk.Client.SavedSearch.DisplayAdapter.PageAdapter.PivotAdapter
Splunk.Client.SavedSearch.DisplayAdapter.PageAdapter.SearchAdapter
Splunk.Client.SavedSearch.DisplayAdapter.PageAdapter.SearchAdapter.TimelineAdapter
Splunk.Client.SavedSearch.DisplayAdapter.StatisticsAdapter
Splunk.Client.SavedSearch.DisplayAdapter.VisualizationsAdapter
Splunk.Client.SavedSearch.DisplayAdapter.VisualizationsAdapter.ChartingAdapter
Splunk.Client.SavedSearch.RequestAdapter





› Splunk.Client Namespace
› Splunk.Client

◀ **ExpandoAdapter(TExpandoAdapter) Class**

 ExpandoAdapter(TExpandoAdapter) Constructor
 Converter Properties
 Converter Methods

ExpandoAdapter<TExpandoAdapter>.Converter Class

Provides a converter to create [ExpandoAdapter](#) instances from [Dictionary< TKey, TValue>](#) instances.

▲ Inheritance Hierarchy

System.Object
 Splunk.Client.ValueConverter<*TExpandoAdapter*>
 Splunk.Client.ExpandoAdapter<*TExpandoAdapter*>.Converter

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

Copy

```
public class Converter : ValueConverter<TExpandoAdapter>
```

The [ExpandoAdapter< TExpandoAdapter> . Converter](#) generic type exposes the following members.

▲ Constructors

	Name	Description
	ExpandoAdapter<TExpandoAdapter>.Converter	Initializes a new instance of the ExpandoAdapter< TExpandoAdapter> . Converter class

[Top](#)

▲ Properties

	Name	Description
	DefaultValue	Gets the default value. (Inherited from ValueConverter<TValue> .)
	Instance	Gets the instance.

[Top](#)

◀ Methods

	Name	Description
≡	Convert	Converts the given input. (Overrides ValueConverter<TValue>.Convert(Object) .)
≡	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
≡	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
≡	GetHashCode	Serves as the default hash function. (Inherited from Object .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
≡	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
≡	ToString	Returns a string that represents the current object. (Inherited from Object .)

[Top](#)

◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.ValueConverter<TExpandoAdapter>](#)



- ▶ Splunk.Client Namespace
- ▶ Splunk.Client
- **IAplication Interface**
 - ▶ IApplication Properties
 - ▶ IApplication Methods

IAplication Interface

Provides an operational interface to Splunk application entities.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▪ Syntax

C#

```
public interface IApplication : IEntity
```

[Copy](#)

The [IApplication](#) type exposes the following members.

▪ Properties

	Name	Description
	ApplicationAuthor	Gets the application author.
	Author	Gets the username of the splunk.com account for publishing the current Application to Splunkbase.
	CheckForUpdates	Gets a value that indicates whether Splunk should check Splunkbase for updates to the current Application .
	Configured	Gets a value that indicates whether custom setup has been performed on the current Application .
	Description	Gets the short explanatory string

displayed underneath the title of the current [Application](#) in Launcher.

	Disabled	Gets a value indicating whether the current Application is disabled.
	Eai	Gets the extensible administration interface properties for the current Application .
	Label	Gets the name of the current Application for display in the Splunk GUI and Launcher.
	Links	Gets the links.
	Refresh	Gets a value that indicates whether objects contained in the current Application should be reloaded.
	StateChangeRequiresRestart	Gets a value that indicates whether changing the state of the current Application always requires restarting Splunk.
	Version	Gets the version string for the current Application .
	Visible	Gets a value that indicates if the current Application is visible and navigable from Splunk Web.

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◀ Methods

Name	Description
	DisableAsync Asynchronously disables the current Application .

≡	EnableAsync	Asynchronously enables the current Application .
≡	GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from IEntity .)
≡	GetSetupInfoAsync	Asynchronously retrieves setup information for the current Application .
≡	GetUpdateInfoAsync	Asynchronously gets update information for the current Application .
≡	PackageAsync	Asynchronously archives the current Application .
≡	RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from IEntity .)
≡	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from IEntity .)
≡	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from IEntity .)
≡	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on

Splunk.
(Inherited from [IEntity](#).)

	UpdateAsync(ApplicationAttributes, Boolean)	Asynchronously updates the attributes of the application represented by the current instance.
---	---	---

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◀ See Also

[Reference](#)
[Splunk.Client Namespace](#)
 [IEntity](#)



▶ Splunk.Client Namespace

▶ Splunk.Client

◀ IApplicationArchiveInfo Interface

▶ IApplicationArchiveInfo Properties

IAplicationArchiveInfo Interface

Interface for application archive information.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

◀ Syntax

C#

[Copy](#)

```
public interface IApplicationArchiveInfo : IBaseResource
```

The [IApplicationArchiveInfo](#) type exposes the following members.

◀ Properties

	Name	Description
	ApplicationName	Gets the name of the application.
	Eai	Gets the extensible administration interface properties.
	GeneratorVersion	Gets the generator version. (Inherited from IBaseResource .)
	Id	Gets the identifier. (Inherited from IBaseResource .)
	Path	Gets the full pathname of the file.
	Refresh	Gets a value indicating whether the refresh.

	Title	Gets the title. (Inherited from IBaseResource .)
	Updated	Gets the Date/Time of the updated. (Inherited from IBaseResource .)
	Uri	Gets the download URI of the current application archive.

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◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

[IBaseResource](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)

IAplicationCollection(TApplication) Interface

[IAplicationCollection\(TApplication\) Properties](#)[IAplicationCollection\(TApplication\) Methods](#)

IAplicationCollection<TApplication> Interface

Provides an operational interface to the Splunk application collection.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public interface IAplicationCollection<TApplication> : IPaginated,
    IEntityCollection<TApplication, Resource>,
    IReadOnlyList<TApplication>,
    IReadOnlyCollection<TApplication>, IEnumerable<TApplication>,
    IEnumerable
    where TApplication : new(), BaseEntity<Resource>, IApplication
```

[Copy](#)

Type Parameters

TApplication

Type of the application.

The [IAplicationCollection< TApplication >](#) type exposes the following members.

Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection< TApplication > .)
	Item	Gets the element at the specified index in the read-only list.

(Inherited from [IReadOnlyList<TApplication>](#).)[Messages](#)

Gets the messages.
(Inherited from [IPaginated](#).)

[Pagination](#)

Gets the pagination properties for the current Splunk entity collection.
(Inherited from [IPaginated](#).)

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◀ Methods

	Name	Description
	CreateAsync	Asynchronously creates a new Splunk application from a template.
	GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
	GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from IEntityCollection< TEntity, TResource > .)
	GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from IEnumerable< TApplication > .)

≡	GetSliceAsync(ApplicationCollection.Filter)	Asynchronously retrieves select entities in the current application entity collection.
≡	GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code>IEntityCollection< TEntity, TResource ></code> .)
≡	GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code>IEntityCollection< TEntity, TResource ></code> .)
≡	InstallAsync	Asynchronously installs an application from a Splunk application archive file.
≡	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code>IEntityCollection< TEntity, TResource ></code> .)

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▲ See Also

Reference
[Splunk.Client Namespace](#)

IPaginated
[T:IEntityCollection{TApplication}]



IAplicationSetupInfo Interface

Interface for application setup information.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▪ Syntax

C#

[Copy](#)

```
public interface IAplicationSetupInfo : IBaseResource
```

The [IAplicationSetupInfo](#) type exposes the following members.

▪ Properties

	Name	Description
	Eai	Gets the extensible administration interface properties.
	GeneratorVersion	Gets the generator version. (Inherited from IBaseResource .)
	Id	Gets the identifier. (Inherited from IBaseResource .)
	Refresh	Gets a value indicating whether the refresh.
	Setup	Gets the setup.
	Title	Gets the title. (Inherited from IBaseResource .)

[Updated](#)

Gets the Date/Time of the updated.
(Inherited from [IBaseResource](#).)

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▲ See Also

Reference

[Splunk.Client Namespace](#)

[IBaseResource](#)



▶ Splunk.Client Namespace

▶ Splunk.Client

◀ IApplicationUpdateInfo Interface

▶ IApplicationUpdateInfo Properties

IAplicationUpdateInfo Interface

Interface for application update information.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

◀ Syntax

C#

Copy

```
public interface IApplicationUpdateInfo : IBaseResource
```

The [IApplicationUpdateInfo](#) type exposes the following members.

◀ Properties

	Name	Description
	Eai	Gets the extensible administration interface properties.
	GeneratorVersion	Gets the generator version. (Inherited from IBaseResource .)
	Id	Gets the identifier. (Inherited from IBaseResource .)
	Refresh	Gets a value indicating whether the refresh.
	Title	Gets the title. (Inherited from IBaseResource .)
	Update	Gets the update.



Updated

Gets the Date/Time of the updated.
(Inherited from [IBaseResource](#).)

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▲ See Also

Reference

[Splunk.Client Namespace](#)

[IBaseResource](#)



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)
- **IbaseResource Interface**
- ▷ [IbaseResource Properties](#)

IbaseResource Interface

Interface for base resource.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▪ Syntax

C#

```
public interface IbaseResource
```

[Copy](#)

The **IbaseResource** type exposes the following members.

▪ Properties

	Name	Description
	GeneratorVersion	Gets the generator version.
	Id	Gets the identifier.
	Title	Gets the title.
	Updated	Gets the Date/Time of the updated.

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▪ See Also

[Reference](#)

[Splunk.Client Namespace](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)

IConfiguration(TConfigurationStanza) Interface

[IConfiguration\(TConfigurationStanza\) Properties](#)[IConfiguration\(TConfigurationStanza\) Methods](#)

IConfiguration<TConfigurationStanza> Interface

Provides an operational interface for accessing and updating Splunk configuration files.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public interface IConfiguration<TConfigurationStanza> :  
    IEntityCollection<TConfigurationStanza, Resource>,  
    IReadOnlyList<TConfigurationStanza>,  
    IReadOnlyCollection<TConfigurationStanza>,  
    IEnumerable<TConfigurationStanza>, IEnumerable  
    where TConfigurationStanza : new(), BaseEntity<Resource>,  
    IConfigurationStanza
```

Type Parameters

TConfigurationStanza

Type of the configuration stanza.

The [IConfiguration< TConfigurationStanza>](#) type exposes the following members.

Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection<TConfigurationStanza> .)
	Item	Gets the element at the specified index in the read-only list. (Inherited from IReadOnlyList<TConfigurationStanza> .)

[Top](#)

Methods

Name	Description
CreateAsync	Asynchronously creates a new configuration stanza.
GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code>IEntityCollection< TEntity, TResource ></code> .)
GetAsync	Asynchronously retrieves a <code>Entity< TResource ></code> in the current <code>EntityCollection< TEntity, TResource ></code> by name. (Inherited from <code>IEntityCollection< TEntity, TResource ></code> .)
GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from <code>IEnumerable< IConfigurationStanza ></code> .)
GetSettingAsync	Asynchronously retrieves a setting value from a configuration stanza.
GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code>IEntityCollection< TEntity, TResource ></code> .)
GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current <code>EntityCollection< TEntity,</code>

[TResource>.](#)
(Inherited from
[IEntityCollection< TEntity, TResource >.](#))

 ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
 RemoveAsync	Asynchronously removes a configuration stanza.
 UpdateAsync	Asynchronously updates a configuration stanza with new or revised settings.
 UpdateSettingAsync(String, String, Object)	Asynchronously updates a setting within a configuration stanza.
 UpdateSettingAsync(String, String, String)	Asynchronously updates a setting within a configuration stanza.

[Top](#)

See Also

[Reference](#)

[Splunk.Client Namespace](#)

[T:IEntityCollection{TCConfigurationStanza}]



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)

◀ **IConfigurationCollection<TConfiguration, TConfigurationStanza> Interface**

- ▷ [IConfigurationCollection<TConfiguration, TConfigurationStanza> Properties](#)

- ▷ [IConfigurationCollection<TConfiguration, TConfigurationStanza> Methods](#)

IConfigurationCollection<TConfiguration, TConfigurationStanza> Interface

Provides an operational interface over a collection of Splunk configuration files.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

```
public interface IConfigurationCollection<TConfiguration,
TConfigurationStanza> : IEntityCollection<TConfiguration,
ResourceCollection>,
    IReadOnlyList<TConfiguration>, IReadOnlyCollection<TConfiguration>,
    IEnumerable<TConfiguration>,
    IEnumerable
where TConfiguration : new(), BaseEntity<ResourceCollection>,
IConfiguration<TConfigurationStanza>
where TConfigurationStanza : new(), BaseEntity<Resource>,
IConfigurationStanza
```

[Copy](#)

Type Parameters

TConfiguration

Type of the configuration.

TConfigurationStanza

Type of the configuration stanza.

The `IConfigurationCollection< TConfiguration, TConfigurationStanza >` type exposes the following members.

▲ Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from <code>IReadOnlyCollection<TConfiguration></code> .)

	Item	Gets the element at the specified index in the read-only list. (Inherited from IReadOnlyList<TConfiguration> .)
Top		
<h2>◀ Methods</h2>		
Name	Description	
	CreateAsync	Asynchronously creates a configuration file.
	GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
	GetAsync(String)	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from IEntityCollection< TEntity, TResource > .)
	GetAsync(String, String)	Asynchronously retrieves a configuration stanza by name.
	GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from IEnumerable< TConfiguration > .)
	GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
	GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select

entities from the list of entities in the current [EntityCollection< TEntity, TResource >](#).
(Inherited from [IEntityCollection< TEntity, TResource >](#).)



ReloadAsync

Asynchronously forces the Splunk server to reload data for the current [EntityCollection< TEntity, TResource >](#).
(Inherited from [IEntityCollection< TEntity, TResource >](#).)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[T:IEntityCollection{TConfiguration}]



IConfigurationSetting Interface

Interface for configuration setting.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public interface IConfigurationSetting : IBaseResource
```

The [IConfigurationSetting](#) type exposes the following members.

► Properties

	Name	Description
	GeneratorVersion	Gets the generator version. (Inherited from IBaseResource .)
	Id	Gets the identifier. (Inherited from IBaseResource .)
	Links	Gets the links.
	Title	Gets the title. (Inherited from IBaseResource .)
	Updated	Gets the Date/Time of the updated. (Inherited from IBaseResource .)
	Value	Gets the cached value of the current

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◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

IBaseResource



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IConfigurationStanza Interface**

↳ [IConfigurationStanza Properties](#)

↳ [IConfigurationStanza Methods](#)

IConfigurationStanza Interface

Interface for configuration stanza.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

```
public interface IConfigurationStanza : IEntity,  
    IReadOnlyList<ConfigurationSetting>,  
    IReadOnlyCollection<ConfigurationSetting>,  
    IEnumerable<ConfigurationSetting>,  
    IEnumerable
```

[Copy](#)

The [IConfigurationStanza](#) type exposes the following members.

↳ Properties

	Name	Description
	Author	Gets the author of the current ConfigurationStanza .
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection<ConfigurationSetting> .)
	Item	Gets the element at the specified index in the read-only list. (Inherited from IReadOnlyList<ConfigurationSetting> .)

[Top](#)

Methods

Name	Description
GetAsync()	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from IEntity .)
GetAsync(String)	Asynchronously retrieves a configuration setting value from the current ConfigurationStanza
GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from IEnumerable<ConfigurationSetting> .)
RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from IEntity .)
SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from IEntity .)
UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from IEntity .)
UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on Splunk. (Inherited from IEntity .)
UpdateAsync(String, Object)	Asynchronously updates the value of an existing setting in the current ConfigurationStanza .
UpdateAsync(String, String)	

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See Also

Reference

[Splunk.Client Namespace](#)

[IEntity](#)

[IReadOnlyList<ConfigurationSetting>](#)



IEntity Interface

Provides an operational interface common to all Splunk entities.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▀ Syntax

C#

```
public interface IEntity
```

[Copy](#)

The [IEntity](#) type exposes the following members.

▀ Methods

Name	Description
 GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved.
 RemoveAsync	Asynchronously removes the current entity from Splunk.
 SendAsync	Asynchronously invokes an action on the current entity from Splunk.
 UpdateAsync(Argument[])	Asynchronously updates

the attributes of the current entity on Splunk.



[UpdateAsync\(IEnumerable<Argument>\)](#)

Asynchronously updates the attributes of the current entity on on Splunk.

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◀ See Also

Reference

[Splunk.Client Namespace](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IEntityCollection(TEntity, TResource) Interface**

[IEntityCollection\(TEntity, TResource\) Properties](#)

↳ [IEntityCollection\(TEntity, TResource\) Methods](#)

IEntityCollection< TEntity, TResource > Interface

Provides an operational interface common to all Splunk entity collections.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public interface IEntityCollection< TEntity, TResource > :  
    IReadOnlyList< TEntity >,  
    IReadOnlyCollection< TEntity >, I Enumerable< TEntity >,  
    I Enumerable  
    where TEntity : new(), BaseEntity< TResource >  
    where TResource : new(), BaseResource
```

Type Parameters

TEntity

Type of the entity.

TResource

Type of the resource.

The [IEntityCollection< TEntity, TResource >](#) type exposes the following members.

► Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection< TEntity > .)



Item

Gets the element at the specified index in the read-only list.
(Inherited from [IReadOnlyList< TEntity >](#).)

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Methods

Name	Description
GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > .
GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name.
GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from IEnumerable< TEntity > .)
GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entities in the current EntityCollection< TEntity, TResource > .
GetSliceAsync(IEnumerable< Argument >)	Asynchronously retrieves select entities

from the list of entities in the current `EntityCollection< TEntity, TResource >`.



ReloadAsync

Asynchronously forces the Splunk server to reload data for the current `EntityCollection< TEntity, TResource >`.

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► Remarks

References:

1. [Accessing Splunk resources](#), especially "Other actions for Splunk REST API endpoints".
2. [REST API Reference](#).

► See Also

Reference

[Splunk.Client Namespace](#)
 [IReadOnlyList< TEntity >](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IIndex Interface**

↳ [IIndex Properties](#)

↳ [IIndex Methods](#)

IIndex Interface

Provides an operational interface to Splunk index entities.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

```
public interface IIndex : IEntity
```

[Copy](#)

The [IIndex](#) type exposes the following members.

↳ Properties

Name	Description
 AssureUTF8	Gets a value that indicates whether all data from the Index is proper UTF-8.
 BloomFilterTotalSizeKB	Gets the bloom filter total size kilobytes.
 BucketRebuildMemoryHint	Gets the bucket rebuild memory hint.
 ColdPath	Gets the path to the cold databases for the index.
 ColdPathExpanded	Gets the absolute path to the cold databases for the index.

	ColdPathMaxDataSizeMB	Gets the maximum size in MB for the cold database to reach before a roll to the frozen archive is triggered.
	ColdToFrozenDir	Gets the path to a directory for the frozen archive of an index.
	ColdToFrozenScript	Gets the path to an archiving script for the frozen archive of an index.
	CompressRawData	Gets the path to an archiving script for the frozen archive of an index.
	CurrentDBSizeMB	Gets the total size in megabytes of data stored in the current Index .
	DefaultDatabase	Gets the name of the index for input data that does not contain index destination information.
	Disabled	Gets a value that indicates whether the current Index is disabled.
	Eai	Gets the extensible administration interface properties for the current Index .
	EnableOnlineBucketRepair	Gets a value indicating whether the online bucket

repair is enabled.

	EnableRealTimeSearch	Gets a value that indicates if realtime searches are enabled.
	FrozenTimePeriodInSecs	Gets the frozen time period in seconds.
	HomePath	Gets the path to the hot and warm buckets for the current Index .
	HomePathExpanded	Gets the absolute path to the hot and warm buckets for the current Index .
	HomePathMaxDataSizeMB	Gets the maximum size in MB for the hot and warm buckets for the current Index to reach.
	IndexThreads	Gets the number of threads used for indexing.
	IsInternal	Gets a value that indicates if the current Index is an internal index.
	IsReady	Gets a value indicating whether this object is ready.
	IsVirtual	Gets a value indicating whether this object is virtual.
	LastInitSequenceNumber	Gets the last initialise sequence number.

	LastInitTime	Gets the last initialise time.
	MaxBloomBackfillBucketAge	Gets the maximum bloom backfill bucket age.
	MaxBucketSizeCacheEntries	Gets the maximum bucket size cache entries.
	MaxConcurrentOptimizes	Gets the maximum concurrent optimizes.
	MaxDataSize	Gets the size of the maximum data.
	MaxHotBuckets	Gets the maximum hot buckets.
	MaxHotIdleSecs	Gets the maximum hot idle seconds.
	MaxHotSpanSecs	Gets the maximum hot span seconds.
	MaxMemMB	Gets the maximum memory megabytes.
	MaxMetaEntries	Gets the maximum meta entries.
	MaxRunningProcessGroups	Gets the groups the maximum running process belongs to.
	MaxRunningProcessGroupsLowPriority	Gets the maximum running process groups low priority.
	MaxTime	Gets the maximum time.

	MaxTimeUnreplicatedNoAcks	Gets the maximum time unreplicated no acks.
	MaxTimeUnreplicatedWithAcks	Gets the maximum time unreplicated with acks.
	MaxTotalDataSizeMB	Gets the maximum total data size megabytes.
	MaxWarmDBCount	Gets the number of maximum warm databases.
	MemPoolMB	Gets the memory pool megabytes.
	MinRawFileSyncSecs	Gets the minimum raw file synchronise seconds.
	MinTime	Gets the minimum time.
	NumBloomFilters	Gets the number of bloom filters that have been created for the current Index .
	NumHotBuckets	Gets the number of hot buckets that have been created for the current Index .
	NumWarmBuckets	Gets the number of warm buckets that have been created for the current Index .
	PartialServiceMetaPeriod	Gets the partial service meta period.
	ProcessTrackerServiceInterval	Gets the process tracker

service interval.

	QuarantineFutureSecs	Gets the quarantine future seconds.
	QuarantinePastSecs	Gets the quarantine past seconds.
	RawChunkSizeBytes	Gets the raw chunk size bytes.
	RepFactor	Gets the rep factor.
	RotatePeriodInSecs	Gets the rotate period in seconds.
	ServiceMetaPeriod	Gets the service meta period.
	ServiceOnlyAsNeeded	Gets a value indicating whether the service only as needed.
	ServiceSubtaskTimingPeriod	Gets the service subtask timing period.
	SummaryHomePathExpanded	Gets the summary home path expanded.
	SuppressBannerList	Gets the list of indexes for the "index missing" warning banner messages are suppressed.
	Sync	Gets a value indicating whether the synchronise.
	SyncMeta	Gets a value indicating whether the synchronise meta.

	ThawedPath	Gets the path to the resurrected databases for the current Index .
	ThawedPathExpanded	Gets the thawed path expanded.
	ThrottleCheckPeriod	Gets the throttle check period.
	TotalEventCount	Gets the number of total events.
	TStatsHomePath	Gets the full pathname of the statistics home file.
	TStatsHomePathExpanded	Gets the statistics home path expanded.

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◀ Methods

Name	Description
 DisableAsync	Asynchronously disables the current Index .
 EnableAsync	Asynchronously enables the current Index .
 GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from IEntity .)

	RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from IEntity .)
≡	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from IEntity .)
≡	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from IEntity .)
≡	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on Splunk. (Inherited from IEntity .)
≡	UpdateAsync(IndexAttributes)	Asynchronously updates the current Index with new IndexAttributes .

[Top](#)

▲ See Also

Reference
[Splunk.Client Namespace](#)
[IEntity](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IIndexCollection(TIndex)
Interface**

↳ [IIndexCollection\(TIndex\)
Properties](#)

↳ [IIndexCollection\(TIndex\)
Methods](#)

IIndexCollection<TIndex> Interface

Provides an operational interface to the Splunk application collection.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

```
public interface IIndexCollection<TIndex> : IPaginated,  
    IEntityCollection<TIndex, Resource>,  
    IReadOnlyList<TIndex>, IReadOnlyCollection<TIndex>,  
    IEnumerable<TIndex>, IEnumerable  
    where TIndex : new(), BaseEntity<Resource>, IIndex
```

[Copy](#)

Type Parameters

TIndex

Type of the index.

The [IIndexCollection< TIndex >](#) type exposes the following members.

► Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection< TIndex > .)
	Item	Gets the element at the specified index in the read-only list.

(Inherited from [IReadOnlyList<TIndex>](#).)

	Messages	Gets the messages. (Inherited from IPaginated .)
	Pagination	Gets the pagination properties for the current Splunk entity collection. (Inherited from IPaginated .)

[Top](#)

◀ Methods

Name	Description
 CreateAsync	Asynchronously creates the index represented by the current index.
 GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
 GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from IEntityCollection< TEntity, TResource > .)
 GetEnumerator	Returns an enumerator

that iterates through the collection.
(Inherited from [IEnumerable<TIndex>](#).)

 GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
 GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
 GetSliceAsync(IndexCollection.Filter)	Asynchronously retrieves select entities from the list of entites in the current IndexCollection .
 ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)

[Top](#)

◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

IPaginated

[T:IEntityCollection{TIndex}]



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IJob Interface**

↳ [IJob Properties](#)

↳ [IJob Methods](#)

IJob Interface

Provides an operational interface to a search job.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

```
public interface IJob : IEntity
```

[Copy](#)

The [IJob](#) type exposes the following members.

↳ Properties

	Name	Description
	CanSummarize	Gets a value indicating whether we can summarize.
	CursorTime	Gets the earliest time from which no events are later scanned.
	DefaultSaveTtl	Gets the default save TTL.
	DefaultTtl	Gets the default TTL.
	DiskUsage	Gets the total number of bytes of disk space used by the current search job.
	DispatchState	Gets the DispatchState of the current search job.

	DoneProgress	Gets a number between 0 and 1.0 that indicates the approximate progress of the current search job.
	DropCount	Gets the number of possible events that were dropped from the current search job due to the realtime queue size.
	Eai	Gets the extensible administration interface properties for the current search job.
	EarliestTime	Gets the earliest time the current search job is configured to start.
	EventAvailableCount	Gets the number of events that are available for export from the current search job.
	EventCount	Gets the number of events found by the current search job.
	EventFieldCount	Gets the number of fields found in the search results produced by the current search job.
	EventIsStreaming	Gets a value that indicates if the events of the current search job are being streamed.
	EventIsTruncated	Gets a value that indicates if the events produced by the current search job have not been stored, and thus are not available from the events endpoint for the job.
	EventSearch	Gets that subset of the search command that appears before any transforming commands.
	EventSorting	Gets the SortDirection of the current search job.
	IndexEarliestTime	Gets the index earliest time.

	IndexLatestTime	Gets the index latest time.
	IsBatchModeSearch	Gets a value indicating whether this object is batch mode search.
	IsDone	Gets a value that indicates whether the current search job has completed.
	IsFailed	Gets a value that indicates whether the current search job failed due to a fatal error.
	IsFinalized	Gets a value that indicates whether the current search job was finalized before completion.
	IsPaused	Gets a value that indicates whether the current search job is paused.
	IsPreviewEnabled	Gets a value that indicates whether previews are enabled for the current search job.
	IsRealTimeSearch	Gets a value that indicates whether the current search job is executing a realtime search.
	IsRemoteTimeline	Gets a value that indicates whether the timeline feature is enabled for the current search job.
	IsSaved	Gets a value that indicates whether the current search job is saved.
	IsSavedSearch	Gets a value that indicates if the current search job is a saved search that was run by the Splunk scheduler.
	IsZombie	Gets a value that indicates if the process running the current search job is dead, but with the search not finished.

	Keywords	Gets the positive keywords used by this search.
	LatestTime	Gets the latest time a search job is configured to start.
	NormalizedSearch	Gets the normalized search.
	NumPreviews	Gets the number of previews that have been generated by the current search job so far.
	Performance	Gets the execution costs of the current search job.
	Pid	Gets the PID of the current search job.
	Priority	Gets an integer value between 0 and 10 that indicates the priority of the current search job.
	RemoteSearch	Gets the search string that is sent to every search peer.
	ReportSearch	Gets the subset of the entire search command that is composed of reporting commands.
	Request	Gets the request.
	ResultCount	Gets the total number of results returned by the search.
	ResultIsStreaming	Gets a value that indicates if the final results of the search are available using streaming.
	ResultPreviewCount	Gets the number of result rows in the latest preview results.
	RunDuration	Gets the time in seconds that the current search job took to complete.

	Runtime	Gets the runtime.
	ScanCount	Gets the number of events that are scanned or read from disk.
	Search	Gets the full text of the search command for the current search job.
	SearchEarliestTime	Gets the earliest time for the current search job as specified in the search command rather than the EarliestTime parameter.
	SearchLatestTime	Gets the latest time for the current search job as specified in the search command rather than the LatestTime parameter.
	SearchProviders	Gets the list of all search peers that were contacted by the current search job.
	Sid	Gets the ID of the current search job.
	StatusBuckets	Gets the maximum number of time line buckets.
	Ttl	Gets the time in seconds before the current search job expires after it completes.

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◀ Methods

Name	Description
	CancelAsync Asynchronously stops the current search and deletes the result cache.

	DisablePreviewAsync	Asynchronously disables preview generation for the current search job.
	EnablePreviewAsync	Asynchronously enables preview generation for the current search job.
	FinalizeAsync	Asynchronously stops the current search job and provides intermediate results to its results endpoint.
	GetAsync()	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from IEntity .)
	GetAsync(DispatchState, Int32, Int32)	Asynchronously retrieves a fresh copy of the current search job that is in or has moved past a desired DispatchState .

and contains all changes to it since it was last retrieved.

≡	GetSearchEventsAsync(Int32)	Gets search events asynchronous.
≡	GetSearchEventsAsync(SearchEventArgs)	Gets search events asynchronous.
≡	GetSearchPreviewAsync(Int32)	Gets search preview result stream asynchronously.
≡	GetSearchPreviewAsync(SearchResultArgs)	Gets search preview asynchronous.
≡	GetSearchResponseMessageAsync(Int32, OutputMode)	Gets search response message asynchronously.
≡	GetSearchResponseMessageAsync(SearchResultArgs, OutputMode)	Gets search response message asynchronously.
≡	GetSearchResultsAsync(Int32)	Gets search results asynchronous.
≡	GetSearchResultsAsync(SearchResultArgs)	Gets search results asynchronous.
≡	PauseAsync	Asynchronously

		suspends execution of the current search job.
≡	RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from IEntity .)
≡	SaveAsync	Asynchronously saves the current search job, storing its artifacts on disk for seven days.
≡	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from IEntity .)
≡	SetPriorityAsync	Sets the priority of the search process.
≡	SetTtlAsync	Sets the time-to-live for the results of the current search job.
≡	TouchAsync	Extends the expiration time for the results of the current

 TransitionAsync	Asynchronously retrieves a fresh copy of the current search job that is in or has moved past a desired DispatchState and contains all changes to it since it was last retrieved.
 UnpauseAsync	Asynchronously resumes execution of the current search job, if it is paused.
 UnsaveAsync	Asynchronously disables any action performed by SaveAsync() .
 UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from IEntity .)
 UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on Splunk.

(Inherited from
[IEntity](#).)[UpdateAsync\(CustomJobArgs\)](#)Updates custom arguments to the current [Job](#).[Top](#)

▲ See Also

[Reference](#)[Splunk.Client Namespace](#)[IEntity](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IJobCollection(TJob) Interface**

↳ [IJobCollection\(TJob\)](#)

Properties

↳ [IJobCollection\(TJob\) Methods](#)

IJobCollection<TJob> Interface

Interface for job collection.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public interface IJobCollection<TJob> : IPaginated,
    IEntityCollection<TJob, Resource>, IReadOnlyList<TJob>,
    IReadOnlyCollection<TJob>,
    IEnumerable<TJob>, IEnumerable
where TJob : new(), BaseEntity<Resource>, IJob
```

Type Parameters

TJob

Type of the job.

The [IJobCollection< TJob >](#) type exposes the following members.

↳ Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection< TJob > .)
	Item	Gets the element at the specified index in the read-only list. (Inherited from IReadOnlyList< TJob > .)

	Messages	Gets the messages. (Inherited from IPaginated .)
	Pagination	Gets the pagination properties for the current Splunk entity collection. (Inherited from IPaginated .)

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Methods

Name	Description
	CreateAsync Creates the asynchronous.
	GetAllAsync Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
	GetAsync Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from IEntityCollection< TEntity, TResource > .)
	GetEnumerator Returns an enumerator that iterates through the collection. (Inherited from

IEnumerable<*TJob*>.)

	GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current <i>EntityCollection< TEntity, TResource ></i> . (Inherited from <i>IEntityCollection< TEntity, TResource ></i> .)
	GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current <i>EntityCollection< TEntity, TResource ></i> . (Inherited from <i>IEntityCollection< TEntity, TResource ></i> .)
	GetSliceAsync(JobCollection.Filter)	Gets slice asynchronous.
	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current <i>EntityCollection< TEntity, TResource ></i> . (Inherited from <i>IEntityCollection< TEntity, TResource ></i> .)

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▲ See Also

[Reference](#)

[Splunk.Client Namespace](#)

[IPaginated](#)

[T:IEntityCollection{TJob}]



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Index Class**

↳ [Index Constructor](#)

↳ [Index Properties](#)

↳ [Index Methods](#)

Index Class

Provides a class that represents a Splunk data index.

↳ Inheritance Hierarchy

System.Object

Splunk.Client.Endpoint

Splunk.Client.BaseEntity<Resource>

Splunk.Client.Entity<Resource>

Splunk.Client.Index

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class Index : Entity<Resource>,
    IIndex, IEntity
```

The [Index](#) type exposes the following members.

↳ Constructors

	Name	Description
≡	Index()	Infrastructure. Initializes a new instance of the Index class.
≡	Index(Context, AtomFeed)	Initializes a new instance of the Application class.
≡		

[Index\(Service, String\)](#)Initializes a new instance of the [Index](#) class.[Top](#)

Properties

Name	Description
AssureUTF8	Gets a value that indicates whether all data from the Index is proper UTF-8.
BloomFilterTotalSizeKB	Gets the bloom filter total size kilobytes.
BucketRebuildMemoryHint	Gets the bucket rebuild memory hint.
ColdPath	Gets the path to the cold databases for the index.
ColdPathExpanded	Gets the absolute path to the cold databases for the index.
ColdPathMaxDataSizeMB	Gets the maximum size in MB for the cold database to reach before a roll to the frozen archive is triggered.
ColdToFrozenDir	Gets the path to a directory for the frozen archive of an index.
ColdToFrozenScript	Gets the path to an archiving script for the frozen archive of an index.

	CompressRawData	Gets the path to an archiving script for the frozen archive of an index.
	Content	Gets the content. (Inherited from Entity<TResource> .)
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	CurrentDBSizeMB	Gets the total size in megabytes of data stored in the current Index .
	DefaultDatabase	Gets the name of the index for input data that does not contain index destination information.
	Disabled	Gets a value that indicates whether the current Index is disabled.
	Dynamic	Gets the dynamic. (Inherited from BaseEntity<TResource> .)
	Eai	Gets the extensible administration interface properties for the current Index .
	EnableOnlineBucketRepair	Gets a value indicating whether the online bucket repair is enabled.
	EnableRealTimeSearch	Gets a value that indicates

if realtime searches are enabled.

	FrozenTimePeriodInSecs	Gets the frozen time period in seconds.
	GeneratorVersion	(Inherited from BaseEntity<TResource> .)
	HomePath	Gets the path to the hot and warm buckets for the current Index .
	HomePathExpanded	Gets the absolute path to the hot and warm buckets for the current Index .
	HomePathMaxDataSizeMB	Gets the maximum size in MB for the hot and warm buckets for the current Index to reach.
	Id	(Inherited from BaseEntity<TResource> .)
	IndexThreads	Gets the number of threads used for indexing.
	IsInternal	Gets a value that indicates if the current Index is an internal index.
	IsReady	Gets a value indicating whether this object is ready.
	IsVirtual	Gets a value indicating whether this object is virtual.

	LastInitSequenceNumber	Gets the last initialise sequence number.
	LastInitTime	Gets the last initialise time.
	MaxBloomBackfillBucketAge	Gets the maximum bloom backfill bucket age.
	MaxBucketSizeCacheEntries	Gets the maximum bucket size cache entries.
	MaxConcurrentOptimizes	Gets the maximum concurrent optimizes.
	MaxDataSize	Gets the size of the maximum data.
	MaxHotBuckets	Gets the maximum hot buckets.
	MaxHotIdleSecs	Gets the maximum hot idle seconds.
	MaxHotSpanSecs	Gets the maximum hot span seconds.
	MaxMemMB	Gets the maximum memory megabytes.
	MaxMetaEntries	Gets the maximum meta entries.
	MaxRunningProcessGroups	Gets the groups the maximum running process belongs to.
	MaxRunningProcessGroupsLowPriority	Gets the maximum running process groups low priority.

	MaxTime	Gets the maximum time.
	MaxTimeUnreplicatedNoAcks	Gets the maximum time unreplicated no acks.
	MaxTimeUnreplicatedWithAcks	Gets the maximum time unreplicated with acks.
	MaxTotalDataSizeMB	Gets the maximum total data size megabytes.
	MaxWarmDBCount	Gets the number of maximum warm databases.
	MemPoolMB	Gets the memory pool megabytes.
	MinRawFileSyncSecs	Gets the minimum raw file synchronise seconds.
	MinTime	Gets the minimum time.
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	NumBloomFilters	Gets the number of bloom filters that have been created for the current Index .
	NumHotBuckets	Gets the number of hot

buckets that have been created for the current Index.

	NumWarmBuckets	Gets the number of warm buckets that have been created for the current Index.
	PartialServiceMetaPeriod	Gets the partial service meta period.
	ProcessTrackerServiceInterval	Gets the process tracker service interval.
	QuarantineFutureSecs	Gets the quarantine future seconds.
	QuarantinePastSecs	Gets the quarantine past seconds.
	RawChunkSizeBytes	Gets the raw chunk size bytes.
	RepFactor	Gets the rep factor.
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	RotatePeriodInSecs	Gets the rotate period in seconds.
	ServiceMetaPeriod	Gets the service meta period.
	ServiceOnlyAsNeeded	Gets a value indicating whether the service only as needed.

	ServiceSubtaskTimingPeriod	Gets the service subtask timing period.
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity<TResource> .)
	SummaryHomePathExpanded	Gets the summary home path expanded.
	SuppressBannerList	Gets the list of indexes for the "index missing" warning banner messages are suppressed.
	Sync	Gets a value indicating whether the synchronise.
	SyncMeta	Gets a value indicating whether the synchronise meta.
	ThawedPath	Gets the path to the resurrected databases for the current Index .
	ThawedPathExpanded	Gets the thawed path expanded.
	ThrottleCheckPeriod	Gets the throttle check period.
	Title	(Inherited from BaseEntity<TResource> .)
	TotalEventCount	Gets the number of total events.

	TStatsHomePath	Gets the full pathname of the statistics home file.
	TStatsHomePathExpanded	Gets the statistics home path expanded.
	Updated	(Inherited from BaseEntity<TResource> .)

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◀ Methods

	Name	Description
	CompareTo(Object)	Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)
	CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from

[Endpoint.\)](#)[CreateSnapshot\(TResource\)](#)

Updates the content of the current [BaseEntity<TResource>](#) in derived types.
(Inherited from [BaseEntity<TResource>.](#))

[CreateSnapshot\(AtomFeed\)](#)

Updates the [Snapshot](#) of the current [BaseEntity<TResource>](#) in derived types.
(Inherited from [Entity<TResource>.](#))

[CreateSnapshot\(AtomEntry, Version\)](#)

Updates the content of the current [BaseEntity<TResource>.](#)
(Inherited from [Entity<TResource>.](#))

[DisableAsync](#)

Asynchronously disables the current [Index](#).

[EnableAsync](#)

Asynchronously enables the current [Index](#).

[Equals\(Object\)](#)

Determines whether the specified [Endpoint](#) refers to the same resource as the current one.
(Inherited from [Endpoint](#).)

[Equals\(Endpoint\)](#)

Determines whether the specified [Endpoint](#) refers to the same resource as the current one.
(Inherited from [Endpoint](#).)

	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from Entity<TResource> .)
	GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	GetValue< TValue >	Gets a converted property value from the current snapshot of the current Entity<TResource> . (Inherited from Entity<TResource> .)
	Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)

	Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized <code> BaseEntity<TResource></code> . class. (Inherited from <code> BaseEntity<TResource></code> .)
	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)
	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized <code> BaseEntity<TResource></code> . class. (Inherited from <code> BaseEntity<TResource></code> .)
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)
	MemberwiseClone	Creates a shallow copy of the current <code> Object</code> . (Inherited from <code> Object</code> .)
	ReconstructSnapshotAsync	Asynchronously updates the content of the current <code> BaseEntity<TResource></code> . (Inherited from <code> BaseEntity<TResource></code> .)
	RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from

≡	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from Entity<TResource>.)
≡	ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)
≡	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from Entity<TResource>.)
≡	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on Splunk. (Inherited from Entity<TResource>.)
≡	UpdateAsync(IndexAttributes)	Asynchronously updates the current Index with new IndexAttributes .

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► Remarks

References:

1. [REST API Reference: Indexes](#).

► See Also

Reference

[Splunk.Client Namespace](#)

[**Splunk.Client.Entity<Resource>**](#)

[**Splunk.Client.IIndex**](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IndexAttributes Class**

[IndexAttributes Constructor](#)

↳ [IndexAttributes Properties](#)

[IndexAttributes Methods](#)

IndexAttributes Class

Provides arguments for setting the attributes of an [Index](#).

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Args<IndexAttributes>](#)

[Splunk.Client.IndexAttributes](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class IndexAttributes : Args<IndexAttributes>
```

The [IndexAttributes](#) type exposes the following members.

↳ Constructors

	Name	Description
≡	IndexAttributes	Initializes a new instance of the IndexAttributes class

[Top](#)

↳ Properties

	Name	Description
--	------	-------------

	BlockSignSize	Gets or sets the number of events that make up a block for block signatures on an Index .
	BucketRebuildMemoryHint	Gets or sets a suggested size for the time-series (tsidx) file created by the Splunk bucket rebuild process.
	ColdToFrozenDir	Gets or sets the path to a directory for the frozen archive of an Index .
	ColdToFrozenScript	Gets or sets the path to an archiving script for the frozen archive of an Index .
	CompressRawData	Gets or sets the path to an archiving script for the frozen archive of an Index .
	EnableOnlineBucketRepair	Gets or sets a value indicating whether asynchronous bucket repair should be enabled on an Index .
	FrozenTimePeriodInSecs	Gets or sets a value that specifies the number of seconds after which indexed data rolls to frozen.
	MaxBloomBackfillBucketAge	Gets or sets a string that specifies when to stop rebuilding bloom filters for the warm or cold buckets of an Index .
	MaxConcurrentOptimizes	Gets or sets a value that specifies the number of concurrent optimize processes that can run against a hot bucket.

	MaxDataSize	Gets or sets a string that specifies the maximum size in megabytes for a hot database to reach before a roll to warm is triggered.
	MaxHotBuckets	Gets or sets a value that specifies the maximum number of hot buckets that an Index can have.
	MaxHotIdleSecs	Gets or sets a value that specifies the life time of an idle hot bucket in seconds.
	MaxHotSpanSecs	Gets or sets a value that specifies the upper bound of target maximum timespan of hot/warm buckets in seconds.
	MaxMemMB	Gets or sets a value that specifies the number of megabytes of memroy to allocate for buffering a single index file before flushing it to disk.
	MaxMetaEntries	Gets or sets a value that specifies the maximum number of unique lines in the .data files in a bucket.
	MaxTimeUnreplicatedNoAcks	Gets or sets a value that specifies the upper limit in seconds on how long an event can sit in raw slice.
	MaxTimeUnreplicatedWithAcks	Gets or sets a value that specifies the upper limit in seconds on how long events can sit unacknowledged in a raw slice.
	MaxTotalDataSizeMB	Gets or sets a value that specifies the maximum size of an Index in megabytes.

	MaxWarmDBCount	Gets or sets a value that specifies the maximum number of warm buckets.
	MinRawFileSyncSecs	Gets or sets a string that specifies how frequently splunkd forces a file system sync while compressing journal slices.
	MinStreamGroupQueueSize	Gets or sets a value that specifies the minimum size of the queue that stores events in memory before committing them to a .tsidx file.
	PartialServiceMetaPeriod	Gets or sets a value that specifies in seconds how often metadata sync occurs for records where the sync can be done efficiently in-place, without requiring a full re-write of the metadata file.
	ProcessTrackerServiceInterval	Gets or sets a value that specifies in seconds how often the indexer checks the status of the child operating system processes it has launched to see if it can launch new processes for queued requests.
	QuarantineFutureSecs	Gets or sets a value that specifies in seconds when new events are dropped into a quarantine bucket.
	QuarantinePastSecs	Gets or sets a value that specifies in seconds when old events are dropped into a quarantine bucket.
	RawChunkSizeBytes	Gets or sets a value that specifies

		a target uncompressed size in bytes for individual raw slice in the raw data journal of an Index .
	RepFactor	Gets or sets a value that controls index replication.
	RotatePeriodInSecs	Gets or sets a value that specifies in seconds how frequently to check if a new hot bucket needs to be created as well as if there are any warm/cold buckets that should be rolled/frozen.
	ServiceMetaPeriod	Gets or sets a value that specifies in seconds how frequently metadata is synced to disk.
	SyncMeta	Gets or sets a value that indicates whether a sync operation is called before a file descriptor is closed on metadata file updates.
	ThrottleCheckPeriod	Gets or sets a value that specifies in seconds how frequently to check for an Index throttling condition.
	TStatsHomePath	Gets or sets the location to store datamodel acceleration .tsidx data for an Index .
	WarmToColdScript	Gets or sets the location of a script to run when moving data from warm to cold.

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◀ Methods

	Name	Description
≡	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
💡	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
≡	GetHashCode	Serves as the default hash function. (Inherited from Object .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
💡	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
≡	ToString	Gets a string representation for the current Args<TArgs> . (Inherited from Args<TArgs> .)

[Top](#)

► Remarks

References:

1. [REST API Reference: POST data/indexes](#).
2. [REST API Reference: POST data/indexes/{name}](#).

► See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Args<IndexAttributes>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IndexCollection Class**

- ↳ [IndexCollection Constructor](#)
- ↳ [IndexCollection Properties](#)
- ↳ [IndexCollection Methods](#)

IndexCollection Class

Provides an object representation of a collection of Splunk data indexes.

↳ Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
    Splunk.Client.BaseEntity<ResourceCollection>
      Splunk.Client.EntityCollection<Index, Resource>
        Splunk.Client.IndexCollection
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class IndexCollection : EntityCollection<Index, Resource>,
  IIndexCollection<Index>, IPaginated,
  IEntityCollection<Index, Resource>,
  IReadOnlyList<Index>, IReadOnlyCollection<Index>,
  IEnumerable<Index>,
  IEnumerable
```

The [IndexCollection](#) type exposes the following members.

↳ Constructors

	Name	Description
	IndexCollection()	Infrastructure. Initializes a new instance of the IndexCollection class.

	IndexCollection(Service)	Initializes a new instance of the ConfigurationCollection class.
	IndexCollection(Context, AtomFeed)	Initializes a new instance of the IndexCollection class.
	IndexCollection(Context, Namespace)	Initializes a new instance of the IndexCollection class.

[Top](#)

◀ Properties

	Name	Description
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	Count	Gets the number of entries in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
	Dynamic	Gets the dynamic. (Inherited from BaseEntity< TResource > .)
	GeneratorVersion	(Inherited from BaseEntity< TResource > .)
	Id	(Inherited from BaseEntity< TResource > .)
	Item	Gets the entity at the specified <i>index</i> . (Inherited from EntityCollection< TEntity, TResource > .)
	Messages	Gets the messages.
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName .

(Inherited from [Endpoint](#).)

	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	Pagination	Gets the pagination properties for the current Splunk entity collection.
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity<TResource> .)
	Title	(Inherited from BaseEntity<TResource> .)
	Updated	(Inherited from BaseEntity<TResource> .)

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◀ Methods

Name	Description
	CompareTo(Object) Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)

	CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
	CreateAsync(Argument[])	Asynchronously creates a new Splunk entity. (Inherited from EntityCollection< TEntity, TResource > .)
	CreateAsync(IEnumerable< Argument >)	Asynchronously creates a new Splunk entity. (Inherited from EntityCollection< TEntity, TResource > .)
	CreateAsync(String, IndexAttributes, String, String, String)	Asynchrononously creates the index represented by the current index.
	CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity< TResource > in derived types. (Inherited from EntityCollection< TEntity, TResource > .)
	CreateSnapshot(ResourceCollection)	Updates the content of the current BaseEntity< TResource > in derived types.

	(Inherited from EntityCollection< TEntity, TResource >.)
 CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity< TResource >. (Inherited from EntityCollection< TEntity, TResource >.)
 Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint.)
 Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint.)
 Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object.)
 GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource >. (Inherited from EntityCollection< TEntity,

`TResource>.)`

	GetAsync	Asynchronously retrieves a <code>Entity< TResource></code> in the current <code>EntityCollection< TEntity, TResource></code> by name. (Inherited from <code>EntityCollection< TEntity, TResource></code> .)
	GetEnumerator	Gets an enumerator that iterates through the current <code>EntityCollection< TEntity, TResource></code> . (Inherited from <code>EntityCollection< TEntity, TResource></code> .)
	GetHashCode	Returns the hash code for the current <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)
	GetOrNullAsync	Asynchronously retrieves an entity in the current collection by name. (Inherited from <code>EntityCollection< TEntity, TResource></code> .)
	GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current <code>EntityCollection< TEntity, TResource></code> . (Inherited from <code>EntityCollection< TEntity, TResource></code> .)

`TResource>.)`

	<code>GetSliceAsync(IEnumerable<Argument>)</code>	Asynchronously retrieves select entities from the list of entites in the current <code>EntityCollection< TEntity, TResource></code> . (Inherited from <code>EntityCollection< TEntity, TResource></code> .)
	<code>GetSliceAsync(IndexCollection.Filter)</code>	Asynchronously retrieves select entities from the list of entites in the current <code>IndexCollection</code> .
	<code>GetType</code>	Gets the <code>Type</code> of the current instance. (Inherited from <code>Object</code> .)
	<code>Initialize(Context, AtomFeed)</code>	Infrastructure. Initializes the current uninitialized <code> BaseEntity< TResource ></code> . class. (Inherited from <code> BaseEntity< TResource ></code> .)
	<code>Initialize(Context, TResource)</code>	Infrastructure. Initializes the current uninitialized <code> BaseEntity< TResource ></code> . class. (Inherited from <code> BaseEntity< TResource ></code> .)
	<code>Initialize(Context, Uri)</code>	Infrastructure. Initializes the current uninitialized <code> Endpoint</code> . (Inherited from <code> Endpoint</code> .)

	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized <code>BaseEntity<TResource></code> . class. (Inherited from <code> BaseEntity<TResource></code> .)
	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)
	MemberwiseClone	Creates a shallow copy of the current <code>Object</code> . (Inherited from <code>Object</code> .)
	ReconstructSnapshotAsync	Asynchronously updates the content of the current <code>BaseEntity<TResource></code> . (Inherited from <code> BaseEntity<TResource></code> .)
	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current <code>EntityCollection< TEntity, TResource ></code> . (Inherited from <code> EntityCollection< TEntity, TResource ></code> .)
	ToString	Gets a string identifying the current <code>Endpoint</code> . (Inherited from <code>Endpoint</code> .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.EntityCollection<Index, Resource>](#)

[Splunk.Client.IIndexCollection<Index>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IndexCollection.Filter Class**

↳ [IndexCollection.Filter Constructor](#)

↳ [Filter Properties](#)

↳ [Filter Methods](#)

IndexCollection.Filter Class

Provides arguments for retrieving an [IndexCollection](#).

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Args<IndexCollection.Filter>](#)

[Splunk.Client.IndexCollection.Filter](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public sealed class Filter : Args<IndexCollection. Filter>
```

The [IndexCollection. Filter](#) type exposes the following members.

↳ Constructors

	Name	Description
	IndexCollection.Filter	Initializes a new instance of the IndexCollection. Filter class

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↳ Properties

	Name	Description
--	------	-------------

	Count	Gets or sets the maximum number of Index entries to return.
	Offset	Gets or sets a value specifying the first result (inclusive) from which to begin returning Index entries.
	Search	Gets or sets a search expression to filter Index entries.
	SortDirection	Gets or sets a value specifying the sort direction for Index entries.
	SortKey	Gets or sets the Index property to use for sorting entries.
	SortMode	Gets or sets a value specifying the sort mode for Index entries.
	Summarize	Gets or sets a value indicating whether to leave out certain Index details in order to provide a faster response.

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	ToString	Gets a string representation for the current

Args<TArgs>.
(Inherited from Args<TArgs>.)

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◀ Remarks

References:

1. REST API Reference: GET data/indexes.

◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Args<IndexCollection.Filter>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **InternalServerErrorException Class**

[InternalServerErrorException Properties](#)

[InternalServerErrorException Methods](#)

InternalServerErrorException Class

The exception that is thrown when a request to retrieve a [BaseResource](#) results in [HttpStatusCodes.InternalServerError](#).

► Inheritance Hierarchy

[System.Object](#)

[System.Exception](#)

[Splunk.Client.RequestException](#)

[Splunk.Client.InternalServerErrorException](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public sealed class InternalServerErrorException :  
RequestException
```

The [InternalServerErrorException](#) type exposes the following members.

► Properties

	Name	Description
	Data	Gets a collection of key/value pairs that provide additional user-defined information about the exception. (Inherited from Exception .)

	Details	Gets the list of Splunk messages detailing the cause of the current RequestException . (Inherited from RequestException .)
	HelpLink	Gets or sets a link to the help file associated with this exception. (Inherited from Exception .)
	HResult	Gets or sets HRESULT, a coded numerical value that is assigned to a specific exception. (Inherited from Exception .)
	InnerException	Gets the Exception instance that caused the current exception. (Inherited from Exception .)
	Message	Gets a message that describes the current exception. (Inherited from Exception .)
	Source	Gets or sets the name of the application or the object that causes the error. (Inherited from Exception .)
	StackTrace	Gets a string representation of the immediate frames on the call stack. (Inherited from Exception .)
	StatusCode	Gets the HttpStatuscode for the current RequestException . (Inherited from RequestException .)

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is

		equal to the current object. (Inherited from Object .)
	GetBaseException	When overridden in a derived class, returns the Exception that is the root cause of one or more subsequent exceptions. (Inherited from Exception .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	ToString	Creates and returns a string representation of the current exception. (Inherited from Exception .)

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See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.RequestException](#)



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)
- **IPaginated Interface**
- ▷ [IPaginated Properties](#)

IPaginated Interface

Provides an operational interface to the Splunk application collection.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▀ Syntax

C#

```
public interface IPaginated
```

[Copy](#)

The [IPaginated](#) type exposes the following members.

▀ Properties

	Name	Description
	Messages	Gets the messages.
	Pagination	Gets the pagination properties for the current Splunk entity collection.

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▀ See Also

Reference

[Splunk.Client Namespace](#)



▶	Splunk.Client Namespace
▶	Splunk.Client
▶	ISavedSearch Interface
▶	ISavedSearch Properties
▶	ISavedSearch Methods

ISavedSearch Interface

Provides an operational interface to Splunk saved search entities.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

◀ Syntax

C#

[Copy](#)

```
public interface ISavedSearch : IEntity
```

The [ISavedSearch](#) type exposes the following members.

◀ Properties

	Name	Description
	Actions	Gets the actions.
	Alert	Gets the alert.
	AutoSummarize	Gets the automatic summarize.
	CronSchedule	Gets the Cron schedule to execute the current SavedSearch .
	Description	Gets the human-readable description of the current SavedSearch .
	Dispatch	Gets the dispatch.
	Display	Gets the display.

	Eai	Gets the extensible administration interface properties for the current SavedSearch .
	IsDisabled	Gets a value that indicates if the current SavedSearch is disabled.
	IsScheduled	Gets a value that indicates whether the current SavedSearch runs on a schedule.
	IsVisible	Gets a value that indicates whether the current SavedSearch appears in the list of saved searches on Splunk Web.
	MaxConcurrent	Gets the maximum concurrent.
	NextScheduledTime	Gets the next scheduled time.
	QualifiedSearch	Gets the qualified search.
	RealTimeSchedule	Gets a value indicating whether the real time schedule.
	Request	Gets the request.
	RestartOnSearchPeerAdd	Gets a value indicating whether the restart on search peer add.
	RunOnStartup	Gets a value indicating whether the run on startup.
	ScheduledTimes	Gets a list of times of the scheduled.
	Search	Gets the search command for the current SavedSearch .

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◀ Methods

	Name	Description
≡	DispatchAsync	Dispatches the current <code>SavedSearch</code> just like the scheduler would.
≡	GetAsync()	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from IEntity .)
≡	GetAsync(SavedSearch.Filter)	Asynchronously retrieves information about the current <code>SavedSearch</code> .
≡	GetHistoryAsync	Asynchronously retrieves the collection of jobs created from the current instance.
≡	GetScheduledTimesAsync	Asynchronously retrieves the scheduled times for the current <code>SavedSearch</code> .
≡	RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from IEntity .)
≡	ScheduleAsync	Asynchronously reschedules the saved search represented by the current instance.
≡	SendAsync	Asynchronously invokes

an action on the current entity from Splunk.
(Inherited from [IEntity](#).)

	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from IEntity .)
	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on Splunk. (Inherited from IEntity .)
	UpdateAsync(String, SavedSearchAttributes, SavedSearchDispatchArgs, SavedSearchTemplateArgs)	Asynchronously updates the saved search represented by the current instance.

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[IEntity](#)



›	Splunk.Client Namespace
›	Splunk.Client
▪	Job Class
›	Job Constructor
›	Job Properties
›	Job Methods

Job Class

Provides an object representation of a Splunk search job.

► Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
    Splunk.Client BaseEntity<Resource>
      Splunk.Client Entity<Resource>
        Splunk.Client Job
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

```
public class Job : Entity<Resource>, IJob,
  IEntity
```

[Copy](#)

The [Job](#) type exposes the following members.

► Constructors

	Name	Description
≡	Job()	Infrastructure. Initializes a new instance of the Job class.
≡	Job(Context, AtomEntry)	Initializes a new instance of the Application class.
≡	Job(Service, String)	Initializes a new instance of the Application class.

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► Properties

	Name	Description
≡	CanSummarize	Gets a value indicating whether we can summarize.
≡	Content	Gets the content. (Inherited from Entity<TResource> .)
≡	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)

	CursorTime	Gets the earliest time from which no events are later scanned.
	DefaultSaveTtl	Gets the default save TTL.
	DefaultTtl	Gets the default TTL.
	DiskUsage	Gets the total number of bytes of disk space used by the current search job.
	DispatchState	Gets the DispatchState of the current search job.
	DoneProgress	Gets a number between 0 and 1.0 that indicates the approximate progress of the current search job.
	DropCount	Gets the number of possible events that were dropped from the current search job due to the realtime queue size.
	Dynamic	Gets the dynamic. (Inherited from BaseEntity<TResource> .)
	Eai	Gets the extensible administration interface properties for the current search job.
	EarliestTime	Gets the earliest time the current search job is configured to start.
	EventAvailableCount	Gets the number of events that are available for export from the current search job.
	EventCount	Gets the number of events found by the current search job.
	EventFieldCount	Gets the number of fields found in the search results produced by the current search job.
	EventIsStreaming	Gets a value that indicates if the events of the current search job are being streamed.
	EventIsTruncated	Gets a value that indicates if the events produced by the current search job have not been stored, and thus are not available from the events endpoint for the job.
	EventSearch	Gets that subset of the search command that appears before any transforming commands.
	EventSorting	Gets the SortDirection of the current search job.
	GeneratorVersion	(Inherited from BaseEntity<TResource> .)
	Id	(Inherited from BaseEntity<TResource> .)
	IndexEarliestTime	Gets the index earliest time.
	IndexLatestTime	Gets the index latest time.
	IsBatchModeSearch	Gets a value indicating whether this object is batch mode search.
	IsDone	Gets a value that indicates whether the current search job has completed.

	IsFailed	Gets a value that indicates whether the current search job failed due to a fatal error.
	IsFinalized	Gets a value that indicates whether the current search job was finalized before completion.
	IsPaused	Gets a value that indicates whether the current search job is paused.
	IsPreviewEnabled	Gets a value that indicates whether previews are enabled for the current search job.
	IsRealTimeSearch	Gets a value that indicates whether the current search job is executing a realtime search.
	IsRemoteTimeline	Gets a value that indicates whether the timeline feature is enabled for the current search job.
	IsSaved	Gets a value that indicates whether the current search job is saved.
	IsSavedSearch	Gets a value that indicates if the current search job is a saved search that was run by the Splunk scheduler.
	IsZombie	Gets a value that indicates if the process running the current search job is dead, but with the search not finished.
	Keywords	Gets the positive keywords used by this search.
	LatestTime	Gets the latest time a search job is configured to start.
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	NormalizedSearch	Gets the normalized search.
	NumPreviews	Gets the number of previews that have been generated by the current search job so far.
	Performance	Gets the execution costs of the current search job.
	Pid	Gets the PID of the current search job.
	Priority	Gets an integer value between 0 and 10 that indicates the priority of the current search job.
	RemoteSearch	Gets the search string that is sent to every search peer.
	ReportSearch	Gets the subset of the entire search command that is composed of reporting commands.
	Request	Gets the request.
	ResourceName	Gets the name of the current Endpoint .

(Inherited from [Endpoint](#).)

	ResultCount	Gets the total number of results returned by the search.
	ResultIsStreaming	Gets a value that indicates if the final results of the search are available using streaming.
	ResultPreviewCount	Gets the number of result rows in the latest preview results.
	RunDuration	Gets the time in seconds that the current search job took to complete.
	Runtime	Gets the runtime.
	ScanCount	Gets the number of events that are scanned or read from disk.
	Search	Gets the full text of the search command for the current search job.
	SearchEarliestTime	Gets the earliest time for the current search job as specified in the search command rather than the EarliestTime parameter.
	SearchLatestTime	Gets the latest time for the current search job as specified in the search command rather than the LatestTime parameter.
	SearchProviders	Gets the list of all search peers that were contacted by the current search job.
	Sid	Gets the ID of the current search job.
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity<TResource> .)
	StatusBuckets	Gets the maximum number of time line buckets.
	Title	(Inherited from BaseEntity<TResource> .)
	Ttl	Gets the time in seconds before the current search job expires after it completes.
	Updated	(Inherited from BaseEntity<TResource> .)

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Methods

Name	Description
	CancelAsync Asynchronously stops the current search and deletes the result cache.
	CompareTo(Object) Compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object.

(Inherited from [Endpoint](#).)

 CompareTo(Endpoint)	Compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
 CreateSnapshot(TResource)	Updates the content of the current BaseEntity< TResource> in derived types. (Inherited from BaseEntity<TResource> .)
 CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity< TResource> in derived types. (Inherited from Entity<TResource> .)
 CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity<TResource> . (Inherited from Entity<TResource> .)
 DisablePreviewAsync	Asynchronously disables preview generation for the current search job.
 EnablePreviewAsync	Asynchronously enables preview generation for the current search job.
 Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
 Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
 FinalizeAsync	Asynchronously stops the current search job and provides intermediate results to its results endpoint.
 GetAsync()	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Overrides Entity<TResource>.GetAsync() .)
 GetAsync(DispatchState, Int32, Int32)	Asynchronously retrieves a fresh copy of the current search job that is in or has moved past a desired DispatchState and contains all changes to it since it was last retrieved.
 GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
 GetSearchEventsAsync(Int32)	Gets search events asynchronous.

 GetSearchEventsAsync(SearchEventArgs)	Gets search events asynchronous.
 GetSearchPreviewAsync(Int32)	Gets search preview result stream asynchronously.
 GetSearchPreviewAsync(SearchResultArgs)	Gets search preview asynchronous.
 GetSearchResponseMessageAsync(Int32, OutputMode)	Gets search response message asynchronously.
 GetSearchResponseMessageAsync(SearchResultArgs, OutputMode)	Gets search response message asynchronously.
 GetSearchResultsAsync(Int32)	Gets search results asynchronous.
 GetSearchResultsAsync(SearchResultArgs)	Gets search results asynchronous.
 GetType	Gets the Type of the current instance. (Inherited from Object .)
 GetValue< TValue >	Gets a converted property value from the current snapshot of the current Entity< TResource > . (Inherited from Entity< TResource > .)
 Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
 Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
 Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
 Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity< TResource > . class. (Inherited from BaseEntity< TResource > .)
 Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
 MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
 PauseAsync	Asynchronously suspends execution of the current search job.
 ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity< TResource > . (Overrides BaseEntity< TResource >.ReconstructSnapshotAsync(Response) .)
 RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from Entity< TResource > .)

≡	SaveAsync	Asynchronously saves the current search job, storing its artifacts on disk for seven days.
≡	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from Entity<TResource> .)
≡	SetPriorityAsync	Sets the priority of the search process.
≡	SetTtlAsync	Sets the time-to-live for the results of the current search job.
≡	ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)
≡	TouchAsync	Extends the expiration time for the results of the current search job.
≡	TransitionAsync	Asynchronously retrieves a fresh copy of the current search job that is in or has moved past a desired DispatchState and contains all changes to it since it was last retrieved.
≡	UnpauseAsync	Asynchronously resumes execution of the current search job, if it is paused.
≡	UnsaveAsync	Asynchronously disables any action performed by SaveAsync() .
≡	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from Entity<TResource> .)
≡	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on Splunk. (Inherited from Entity<TResource> .)
≡	UpdateAsync(CustomJobArgs)	Updates custom arguments to the current Job .

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See Also

Reference

[Splunk.Client Namespace](#)
[Splunk.Client.Entity<Resource>](#)
[Splunk.Client.IJob](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)

ISavedSearchCollection(TSavedSearch) Interface

[ISavedSearchCollection\(TSavedSearch\) Properties](#)[ISavedSearchCollection\(TSavedSearch\) Methods](#)

ISavedSearchCollection<TSavedSearch> Interface

Provides an operational interface to a Splunk saved search entity collection.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

[Copy](#)

```
public interface ISavedSearchCollection<TSavedSearch> : IPaginated,
    IEntityCollection<TSavedSearch, Resource>,
    IReadOnlyList<TSavedSearch>,
    IReadOnlyCollection<TSavedSearch>, IEnumerable<TSavedSearch>,
    I Enumerable
    where TSavedSearch : new(), BaseEntity<Resource>, ISavedSearch
```

Type Parameters

TSavedSearch

Type of the saved search.

The [ISavedSearchCollection< TSavedSearch>](#) type exposes the following members.

Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection<TSavedSearch> .)
	Item	Gets the element at the specified index in the read-only list. (Inherited from IReadOnlyList<TSavedSearch> .)
	Messages	Gets the messages.

(Inherited from [IPaginated](#).)[Pagination](#)

Gets the pagination properties for the current Splunk entity collection.
(Inherited from [IPaginated](#).)

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Methods

	Name	Description
	CreateAsync	Asynchronously creates a new saved search.
	GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
	GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from IEntityCollection< TEntity, TResource > .)
	GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from IEnumerable< TSavedSearch > .)
	GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from

IEntityCollection< TEntity,
TResource>.)

 GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entities in the current EntityCollection< TEntity, TResource>. (Inherited from IEntityCollection< TEntity, TResource>.)
 GetSliceAsync(SavedSearchCollection.Filter)	Asynchronously retrieves select entities in the current saved search entity collection.
 ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource>. (Inherited from IEntityCollection< TEntity, TResource>.)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[IPaginated](#)

[T:IEntityCollection{TSavedSearch}]



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

IServer Interface

↳ [IServer Properties](#)

↳ [IServer Methods](#)

IServer Interface

Interface for server.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

```
public interface IServer
```

[Copy](#)

The [IServer](#) type exposes the following members.

▲ Properties

	Name	Description
	Context	Gets the Context instance for the current Server .
	Messages	Gets the server messages collection associated with the current Server .

[Top](#)

▲ Methods

	Name	Description
	GetInfoAsync	Asynchronously retrieves information about the current Server .
	GetSettingsAsync	Asynchronously retrieves ServerSettings

from the current [Server](#) endpoint.

	RestartAsync	Asynchronously restarts the current Server and then optionally checks for a specified period of time for server availability.
	UpdateSettingsAsync	Asynchronously updates setting values on the current Server .

[Top](#)

▲ See Also

Reference

[Splunk.Client Namespace](#)



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)
- **IIServerInfo Interface**
- ▷ [IIServerInfo Properties](#)

IIServerInfo Interface

Provides an operational interface to the Splunk server info resource.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▀ Syntax

C#

[Copy](#)

```
public interface IIServerInfo : IBaseResource
```

The [IIServerInfo](#) type exposes the following members.

▀ Properties

	Name	Description
	ActiveLicenseGroup	Gets the name of the active license group for the Splunk server instance.
	AddOns	Gets the add ons installed on the Splunk server instance.
	Build	Gets the build number for the Splunk server instance.
	CpuArchitecture	Gets CPU architecture information for the computer hosting splunkd.
	Eai	Gets the extensible administration interface properties for the Splunk server instance.

	GeneratorVersion	Gets the generator version. (Inherited from IBaseResource .)
	Guid	Gets the Guid identifying the Splunk server instance.
	Id	Gets the identifier. (Inherited from IBaseResource .)
	IsFree	Gets a value indicating whether the server instance is running under a free license.
	IsRealTimeSearchEnabled	Gets a value indicating whether the server instance is realtime search enabled.
	IsTrial	Gets a value indicating whether the server instance is running under a trial license.
	LicenseKeys	Gets the list of license keys installed on the server instance.
	LicenseLabels	Gets the list of labels for the license keys installed on the server instance.
	LicenseSignature	Gets the has signature for the license keys installed on the server instance.
	LicenseState	Gets the status of the licenses installed on the serve instance.
	MasterGuid	Gets the Guid identifying the license master for the Splunk server instance.
	Mode	Gets a value that specifies whether the Splunk server is a dedicated forwarder or a normal instance.

	NumberOfCores	Gets the number of processor cores installed on the Splunk server instance.
	OSBuild	Gets build information for the operating system running splunkd.
	OSName	Gets the name of the operating system running splunkd.
	OSVersion	Gets version information for the operating system running splunkd.
	PhysicalMemoryMB	Gets the number of megabytes of physical memory installed on the Splunk server instance.
	RealTimeSearchEnabled	Gets a value that indicates whether realtime search is enabled on the Splunk server instance.
	ServerName	Gets the fully qualified name of the Splunk server instance.
	StartupTime	Gets the time that the Splunk server instance last started up.
	Title	Gets the title. (Inherited from IBaseResource .)
	Updated	Gets the Date/Time of the updated. (Inherited from IBaseResource .)
	Version	Gets the version of the Splunk server instance.

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▲ See Also

Reference

[Splunk.Client Namespace](#)
IBaseResource



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

IServerMessage Interface

↳ [IServerMessage Properties](#)

↳ [IServerMessage Methods](#)

IServerMessage Interface

Provides an object representation of a Splunk server message entity.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public interface IServerMessage : IEntity
```

The [IServerMessage](#) type exposes the following members.

► Properties

	Name	Description
	Eai	Gets the extensible administration interface properties.
	Severity	Gets the severity.
	Text	Gets the text of the server message.
	TimeCreated	Gets the Date/Time of the time created.

[Top](#)

► Methods

	Name	Description
--	------	-------------

	GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from IEntity .)
	RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from IEntity .)
	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from IEntity .)
	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from IEntity .)
	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on Splunk. (Inherited from IEntity .)

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▲ See Also

[Reference](#)[Splunk.Client Namespace](#)[IEntity](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)**IServerMessageCollection(TServerMessage) Interface**[IServerMessageCollection\(TServerMessage\) Properties](#)[IServerMessageCollection\(TServerMessage\) Methods](#)

IServerMessageCollection<TServerMessage> Interface

Provides a class for accessing Splunk server messages.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#[Copy](#)

```
public interface IServerMessageCollection<TServerMessage> : IPaginated,
    IEntityCollection<TServerMessage, Resource>, IReadOnlyList<TServerMessage>,
    IReadOnlyCollection<TServerMessage>, IEnumerable<TServerMessage>,
    I Enumerable
    where TServerMessage : new(), BaseEntity<Resource>, IServerMessage
```

Type Parameters

TServerMessage

Type of the server message.

The `IServerMessageCollection< TServerMessage>` type exposes the following members.

► Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from <code>IReadOnlyCollection< TServerMessage></code> .)
	Item	Gets the element at the specified index in the read-only list. (Inherited from <code>IReadOnlyList< TServerMessage></code> .)
	Messages	Gets the messages. (Inherited from <code>IPaginated</code> .)
	Pagination	Gets the pagination properties for the current Splunk entity collection. (Inherited from <code>IPaginated</code> .)

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◀ Methods

	Name	Description
≡	CreateAsync	Asynchrонously creates a new ServerMessage .
≡	GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
≡	GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from IEntityCollection< TEntity, TResource > .)
≡	GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from IEnumerable< TServerMessage > .)
≡	GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
≡	GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
≡	GetSliceAsync(ServerMessageCollection.Filter)	Asynchronously retrieves select entities from the list of entites in the current ServerMessageCollection .
≡	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource > .

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► Remarks

Most messages are created by splunkd to inform the user of system problems. Splunk Web typically displays these as bulletin board messages.

References:

1. [REST API: messages](#).

► See Also

Reference

[Splunk.Client Namespace](#)

[IPaginated](#)

[\[T:IEntityCollection{TServerMessage}\]](#)



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)
- **IIServerSettings Interface**
- ▷ [IIServerSettings Properties](#)

IIServerSettings Interface

Provides an operational interface the Splunk server settings resource.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▀ Syntax

C#

```
public interface IIServerSettings : IBaseResource
```

[Copy](#)

The [IIServerSettings](#) type exposes the following members.

▀ Properties

	Name	Description
	Eai	Gets the extensible administration interface properties for the Splunk server instance.
	EnableSplunkWebSsl	Gets a value that indicates whether Splunk web is enabled for HTTPS or HTTP.
	GeneratorVersion	Gets the generator version. (Inherited from IBaseResource .)
	Host	Gets the default hostname to use for data inputs that do not override this setting.
	HttpPort	Gets the port on which Splunk Web is listening.

	Id	Gets the identifier. (Inherited from IBaseResource .)
	ManagementHostPort	Gets the port on which splunkd is listening for management operations.
	MinFreeSpace	Gets the amount of space in megabytes that must exist for splunkd to continue operating.
	Pass4SymmetricKey	Gets the password string that is prefixed to the Splunk symmetric key, generating the final key to sign all traffic between master/slave licensers.
	ServerName	Gets an ASCII String to use as the name of a Splunk instance for features such as distributed search.
	SessionTimeout	Gets the amount of time before a user session times out.
	SplunkDB	Gets the path to the default index for Splunk.
	SplunkHome	Gets the path to the local installation of Splunk.
	StartWebServer	Gets a value indicating whether Splunk Web is enabled.
	Title	Gets the title. (Inherited from IBaseResource .)
	TrustedIP	Gets the IP address of the authenticating proxy.
	Updated	Gets the Date/Time of the updated. (Inherited from IBaseResource .)

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◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

IBaseResource



▶	Splunk.Client Namespace
▶	Splunk.Client
IService Interface	
▶	IService Properties
▶	IService Methods

IService Interface

Provides an operational interface to the Splunk REST API.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

```
public interface IService
```

[Copy](#)

The [IService](#) type exposes the following members.

▲ Properties

	Name	Description
	Applications	Gets the applications.
	Configurations	Gets the configurations.
	Context	Gets the Context instance for this Service .
	Indexes	Gets the indexes.
	Jobs	Gets an object representing the collection of Splunk search jobs.
	Namespace	Gets the Namespace used by this Service .
	SavedSearches	Gets an object representing the collection of Splunk saved searches.

	Server	Gets the server.
	SessionKey	Gets or sets the session key used by this Service.
	StoragePasswords	Gets the storage passwords.
	Transmitter	Gets the transmitter.

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▲ Methods

Name	Description
 CreateEntity(String[])	
 CreateEntity(IEnumerable<String>, String, String)	
 CreateEntityCollection(String[])	
 CreateEntityCollection(IEnumerable<String>, String, String)	
 CreateEntityCollectionCollection(String[])	
 CreateEntityCollectionCollection(IEnumerable<String>, String, String)	
 DispatchSavedSearchAsync	Asynchronously dispatches a SavedSearch just like the scheduler would.
 ExportSearchPreviewsAsync	Asynchronously exports an observable

		sequence of search result previews.
≡	ExportSearchResultsAsync	Asynchronously exports an observable sequence of search results.
≡	GetCapabilitiesAsync	Asynchronously retrieves the list of all Splunk system capabilities.
≡	LogOffAsync	Ends the session by associated with the current instance.
≡	LogOnAsync	Provides user authentication asynchronously.
≡	SearchAsync	Asyncrononously creates and executes a normal or blocking Splunk search job.
≡	SearchOneShotAsync	Asynchronously executes a one shot search.

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▲ See Also

Reference
[Splunk.Client Namespace](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **IStoragePassword Interface**

↳ [IStoragePassword Properties](#)

↳ [IStoragePassword Methods](#)

IStoragePassword Interface

Interface for storage password.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ **Syntax**

C#

[Copy](#)

```
public interface IStoragePassword : IEntity
```

The [IStoragePassword](#) type exposes the following members.

↳ **Properties**

	Name	Description
	ClearPassword	Gets the plain text version of the current StoragePassword .
	Eai	Gets the extensible administration interface properties for the current StoragePassword .
	EncryptedPassword	Gets an encrypted version of the current StoragePassword .
	Password	Gets the masked version of the current StoragePassword .
	Realm	Gets the realm in which the current StoragePassword is valid.



Username

Gets the Splunk username associated with the current [StoragePassword](#).

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◀ Methods

	Name	Description
≡	GetAsync	Asynchronously retrieves a fresh copy of the current entity that contains all changes to it since it was last retrieved. (Inherited from IEntity .)
≡	RemoveAsync	Asynchronously removes the current entity from Splunk. (Inherited from IEntity .)
≡	SendAsync	Asynchronously invokes an action on the current entity from Splunk. (Inherited from IEntity .)
≡	UpdateAsync(String)	Asynchronously updates the storage password represented by the current instance.
≡	UpdateAsync(Argument[])	Asynchronously updates the attributes of the current entity on Splunk. (Inherited from IEntity .)
≡	UpdateAsync(IEnumerable<Argument>)	Asynchronously updates the attributes of the current entity on on

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◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

[IEntity](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)

▪ **IStoragePasswordCollection<TStoragePassword> Interface**

[IStoragePasswordCollection<TStoragePassword> Properties](#)[IStoragePasswordCollection<TStoragePassword> Methods](#)

IStoragePasswordCollection<TStoragePassword> Interface

Interface for storage password collection.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

[Copy](#)

```
public interface IStoragePasswordCollection<TStoragePassword> : IPaginated,
    IEntityCollection<TStoragePassword, Resource>, IReadOnlyList<TStoragePassword>,
    IReadOnlyCollection<TStoragePassword>, IEnumerable<TStoragePassword>,
    IEnumerable
    where TStoragePassword : new(), BaseEntity<Resource>, IStoragePassword
```

Type Parameters

TStoragePassword

Type of the storage password.

The [IStoragePasswordCollection< TStoragePassword>](#) type exposes the following members.

▲ Properties

	Name	Description
	Count	Gets the number of elements in the collection. (Inherited from IReadOnlyCollection< TStoragePassword> .)
	Item	Gets the element at the specified index in the read-only list. (Inherited from IReadOnlyList< TStoragePassword> .)
	Messages	Gets the messages. (Inherited from IPaginated .)
	Pagination	Gets the pagination properties for the current Splunk entity collection. (Inherited from IPaginated .)

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Methods

Name	Description
CreateAsync	Asynchronously creates a new StoragePassword .
GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
GetAsync(String)	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from IEntityCollection< TEntity, TResource > .)
GetAsync(String, String)	Asynchronously retrieves a StoragePassword .
GetEnumerator	Returns an enumerator that iterates through the collection. (Inherited from IEnumerable< TStoragePassword > .)
GetOrNullAsync	Asynchronously retrieves a StoragePassword .
GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)
GetSliceAsync(StoragePasswordCollection.Filter)	Asynchronously retrieves select storage passwords from Splunk.
ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection< TEntity, TResource > . (Inherited from IEntityCollection< TEntity, TResource > .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[IPaginated](#)

[\[T:IEntityCollection{TStoragePassword}\]](#)



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)
- **ITransmitter Interface**
- ▷ [ITransmitter Methods](#)

ITransmitter Interface

Interface for transmitter.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

▲ Syntax

C#

```
public interface ITransmitter
```

[Copy](#)

▲ Methods

	Name	Description
≡	SendAsync(Stream, String, TransmitterArgs)	Asynchronously sends a stream of raw events to Splunk.
≡	SendAsync(String, String, TransmitterArgs)	Asynchronously sends a single raw event to Splunk.

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▲ See Also

[Reference](#)

[Splunk.Client Namespace](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Job.RuntimeAdapter Class**

[Job.RuntimeAdapter](#)
Constructor

↳ [RuntimeAdapter Properties](#)
[RuntimeAdapter Methods](#)

Job.RuntimeAdapter Class

Provides a generic base class for implementing strong types backed by [Dictionary< TKey, TValue >](#) instances.

↳ Inheritance Hierarchy

[System.Object](#)

[System.Dynamic.DynamicObject](#)

[Splunk.Client.ExpandoAdapter](#)

[Splunk.Client.ExpandoAdapter<Job.RuntimeAdapter>](#)

[Splunk.Client.Job.RuntimeAdapter](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class RuntimeAdapter : ExpandoAdapter<Job. RuntimeAdapter>
```

The [Job. RuntimeAdapter](#) type exposes the following members.

↳ Constructors

	Name	Description
	Job.RuntimeAdapter	Initializes a new instance of the Job. RuntimeAdapter class

[Top](#)

↳ Properties

	Name	Description
	AutoCancel	
	AutoPause	

[Top](#)

◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetDynamicMemberNames	Returns the enumeration of all dynamic member names. (Inherited from ExpandoAdapter .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetMetaObject	Provides a DynamicMetaObject that dispatches to the dynamic virtual methods. The object can be encapsulated inside another DynamicMetaObject to provide custom behavior for individual actions. This method supports the Dynamic Language Runtime infrastructure for language implementers and it is not intended

to be used directly from your code.
(Inherited from [DynamicObject](#).)

 GetType	Gets the Type of the current instance. (Inherited from Object .)
 GetValue(String)	Gets a named item from the Dictionary< TKey, TValue > backing the current ExpandoAdapter . (Inherited from ExpandoAdapter .)
 GetValue< TValue >(String, ValueConverter< TValue >)	Gets a named item from the underlying Object and applies a ValueConverter< TValue > . (Inherited from ExpandoAdapter .)
 MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
 ToString	Returns a string that represents the current object. (Inherited from Object .)
 TryBinaryOperation	Provides implementation for binary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as addition and multiplication. (Inherited from DynamicObject .)
 TryConvert	Provides implementation for type conversion operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that convert an object from one type to another. (Inherited from DynamicObject .)

	TryCreateInstance	Provides the implementation for operations that initialize a new instance of a dynamic object. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteIndex	Provides the implementation for operations that delete an object by index. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryDeleteMember	Provides the implementation for operations that delete an object member. This method is not intended for use in C# or Visual Basic. (Inherited from DynamicObject .)
	TryGetIndex	Provides the implementation for operations that get a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for indexing operations. (Inherited from DynamicObject .)
	TryGetMember	Provides the implementation for operations that get dynamic member values. (Inherited from ExpandoAdapter .)
	TryInvoke	Provides the implementation for operations that invoke an object. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as invoking an object or a delegate. (Inherited from DynamicObject .)

	TryInvokeMember	Provides the implementation for operations that invoke a member. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as calling a method. (Inherited from DynamicObject .)
≡	TrySetIndex	Provides the implementation for operations that set a value by index. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations that access objects by a specified index. (Inherited from DynamicObject .)
≡	TrySetMember	Provides the implementation for operations that set member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as setting a value for a property. (Inherited from DynamicObject .)
≡	TryUnaryOperation	Provides implementation for unary operations. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as negation, increment, or decrement. (Inherited from DynamicObject .)

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◀ See Also

[Reference](#)
[Splunk.Client Namespace](#)

[Splunk.Client.ExpandoAdapter](#)
[System.Dynamic.DynamicObject](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **JobArgs Class**

[JobArgs Constructor](#)

↳ [JobArgs Properties](#)

[JobArgs Methods](#)

JobArgs Class

Provides arguments for creating a search [Job](#).

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Args<JobArgs>](#)

[Splunk.Client.JobArgs](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public sealed class JobArgs : Args<JobArgs>
```

The [JobArgs](#) type exposes the following members.

↳ Constructors

	Name	Description
	JobArgs	Initializes a new instance of the JobArgs class

[Top](#)

↳ Properties

	Name	Description
	AutoCancel	Gets or sets a value that specifies

	AutoFinalizeEventCount	how long a Job may be inactive before it is automatically cancelled.
	AutoPause	Gets or sets a value that specifies how long a Job may run before it is automatically paused.
	EarliestTime	Gets or sets a time string that specifies the earliest inclusive time bounds for a Job .
	EnableLookups	Gets or sets a value that indicates whether lookups should be applied to events processed by a search Job .
	ForceBundleReplication	Gets or sets a value that specifies whether a Job should cause (and wait, depending on the value of SyncBundleReplication) for bundle synchronization with all search peers.
	Id	Gets or sets the search ID (SID) for a Job .
	IndexEarliest	Gets or sets a time string that specifies the earliest inclusive time bounds for a Job based on the index time bounds.
	IndexLatest	Gets or sets a time string that specifies the latest exclusive time bounds for a Job based on the index time bounds.
	LatestTime	Gets or sets a time string that specifies the latest exclusive time bounds for a Job .

	MaxCount	Gets or sets the number of events that can be accessible in any given status bucket.
	MaxTime	Gets or sets the number of seconds to run a Job before finalizing.
	Namespace	Gets or sets the application namespace in which to restrict searches.
	Now	Gets or sets a time string to set the absolute time used for any relative time specifier in a search Job .
	RealTimeBlocking	Gets or sets a value indicating whether the indexer blocks if the queue for a realtime search Job is full.
	RealTimeIndexFilter	Gets or sets a value indicating whether the indexer prefilters events.
	RealTimeMaxBlockSeconds	Gets or sets a value that specifies the maximum time to block when RealTimeBlocking is true .
	RealTimeQueueSize	Gets or sets the queue size in events that the indexer should use for a realtime search Job .
	ReduceFrequency	Gets or sets a value that specifies how frequently to run the map/reduce reduce phase on accumulated map values.
	ReloadMacros	Gets or sets a value that indicates whether macro definitions should be reloaded from <code>macros.conf</code> .
	RemoteServerList	Gets or sets a comma-separated list

of servers from which raw events should be pulled.

	RequiredFieldList	Gets or sets a required field list to a search Job .
	ReuseMaxSecondsAgo	Gets or sets a value that specifies the number of seconds ago to check when an identical search Job was started and returns that search ID instead of starting a new Job .
	SearchListener	Gets or sets a value used to register a search state listener with a search Job .
	SearchMode	Gets or sets the mode for a search Job .
	SpawnProcess	Gets or sets a value that indicates whether a search Job should run in a separate spawned process.
	StatusBuckets	Gets or sets a value that specifies the maximum number of status buckets to generate for a search Job .
	SyncBundleReplication	Gets or sets a value that indicates whether a Job should wait for bundle synchronization with all search peers.
	TimeFormat	Gets or sets a format string used to convert a formatted time string from {start,end}_time into UTC seconds.
	Timeout	Gets or sets a value that specifies the number of seconds to keep a search Job after processing has stopped.

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◀ Methods

	Name	Description
≡	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
≡	GetHashCode	Serves as the default hash function. (Inherited from Object .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
≡	ToString	Gets a string representation for the current Args<TArgs> . (Inherited from Args<TArgs> .)

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◀ Remarks

References:

1. [REST API Reference: POST search/jobs](#).

◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.Args<JobArgs>](#)



- ▷ [Splunk.Client Namespace](#)
- ▷ [Splunk.Client](#)
- **JobCollection Class**
 - ▷ [JobCollection Constructor](#)
 - ▷ [JobCollection Properties](#)
 - ▷ [JobCollection Methods](#)

JobCollection Class

Provides an object representation of a collection of Splunk search jobs.

► Inheritance Hierarchy

```
System.Object
  Splunk.Client.Endpoint
  Splunk.Client.BaseEntity<ResourceCollection>
    Splunk.Client.EntityCollection<Job, Resource>
      Splunk.Client.JobCollection
```

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

```
public class JobCollection : EntityCollection<Job, Resource>,
  IJobCollection<Job>, IPaginated, IEntityCollection<Job, Resource>,
  IReadOnlyList<Job>, IReadOnlyCollection<Job>, IEnumerable<Job>,
  IEnumerable
```

Copy

The [JobCollection](#) type exposes the following members.

► Constructors

	Name	Description
≡	JobCollection()	Infrastructure. Initializes a new instance of the JobCollection class.
≡	JobCollection(Service)	Initializes a new instance of the JobCollection class.
≡	JobCollection(Context, AtomFeed)	Initializes a new instance of the JobCollection class.
≡	JobCollection(Context, Namespace)	Initializes a new instance of the JobCollection class.

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Properties

	Name	Description
	Context	Gets the Context instance for the current Endpoint . (Inherited from Endpoint .)
	Count	Gets the number of entries in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
	Dynamic	Gets the dynamic. (Inherited from BaseEntity< TResource > .)
	GeneratorVersion	(Inherited from BaseEntity< TResource > .)
	Id	(Inherited from BaseEntity< TResource > .)
	Item	Gets the entity at the specified <i>index</i> . (Inherited from EntityCollection< TEntity, TResource > .)
	Messages	Gets the messages.
	Name	Gets the name of the current Endpoint , which is the final part of ResourceName . (Inherited from Endpoint .)
	Namespace	Gets the namespace containing the current Endpoint . (Inherited from Endpoint .)
	Pagination	Gets the pagination properties for the current Splunk entity collection.
	ResourceName	Gets the name of the current Endpoint . (Inherited from Endpoint .)
	Snapshot	Gets or sets an object representing the Splunk resource at the time it was last retrieved by the current entity. (Inherited from BaseEntity< TResource > .)
	Title	(Inherited from BaseEntity< TResource > .)
	Updated	(Inherited from BaseEntity< TResource > .)

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Methods

Name	Description
CompareTo(Object)	C.compares the specified object with the current Endpoint instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified object. (Inherited from Endpoint .)
CompareTo(Endpoint)	C.compares the specified Endpoint with the current instance and indicates whether the identity of the current instance precedes, follows, or appears in the same position in the sort order as the specified instance. (Inherited from Endpoint .)
CreateAsync(Argument[])	Asynchronously creates a new Splunk entity. (Inherited from EntityCollection< TEntity, TResource > .)
CreateAsync(IEnumerable<Argument>)	Asynchronously creates a new search Job . (Overrides EntityCollection< TEntity, TResource >.CreateAsync(IEnumerable<Argument>) .)
CreateAsync(String, Int32, ExecutionMode, JobArgs, CustomJobArgs, DispatchState)	Asynchronously creates a new search Job .
CreateSnapshot(AtomFeed)	Updates the Snapshot of the current BaseEntity< TResource > in derived types. (Inherited from EntityCollection< TEntity, TResource > .)
CreateSnapshot(ResourceCollection)	Updates the content of the current BaseEntity< TResource > in derived types. (Inherited from EntityCollection< TEntity, TResource > .)
CreateSnapshot(AtomEntry, Version)	Updates the content of the current BaseEntity< TResource > . (Inherited from EntityCollection< TEntity, TResource > .)

≡	Equals(Object)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
≡	Equals(Endpoint)	Determines whether the specified Endpoint refers to the same resource as the current one. (Inherited from Endpoint .)
≡	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
≡	GetAllAsync	Asynchronously retrieves a fresh copy of the full list of entities in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
≡	GetAsync	Asynchronously retrieves a Entity< TResource > in the current EntityCollection< TEntity, TResource > by name. (Inherited from EntityCollection< TEntity, TResource > .)
≡	GetEnumerator	Gets an enumerator that iterates through the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
≡	GetHashCode	Returns the hash code for the current Endpoint . (Inherited from Endpoint .)
≡	GetOrNullAsync	Asynchronously retrieves an entity in the current collection by name. (Inherited from EntityCollection< TEntity, TResource > .)
≡	GetSliceAsync(Argument[])	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > . (Inherited from EntityCollection< TEntity, TResource > .)
≡	GetSliceAsync(IEnumerable<Argument>)	Asynchronously retrieves select entities from the list of entites in the current EntityCollection< TEntity, TResource > .

		(Inherited from EntityCollection<TEntity, TResource> .)
≡	GetSliceAsync(JobCollection.Filter)	Asynchronously retrieves a filtered collection of all running search jobs.
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
!	Initialize(Context, AtomFeed)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)
!	Initialize(Context, TResource)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)
!	Initialize(Context, Uri)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
!	Initialize(Context, AtomEntry, Version)	Infrastructure. Initializes the current uninitialized BaseEntity<TResource> . class. (Inherited from BaseEntity<TResource> .)
!	Initialize(Context, Namespace, ResourceName)	Infrastructure. Initializes the current uninitialized Endpoint . (Inherited from Endpoint .)
!	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
!	ReconstructSnapshotAsync	Asynchronously updates the content of the current BaseEntity<TResource> . (Inherited from BaseEntity<TResource> .)
≡	ReloadAsync	Asynchronously forces the Splunk server to reload data for the current EntityCollection<TEntity, TResource> . (Inherited from EntityCollection<TEntity, TResource> .)
≡	ToString	Gets a string identifying the current Endpoint . (Inherited from Endpoint .)

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[Splunk.Client.EntityCollection<Job, Resource>](#)

[Splunk.Client.IJobCollection<Job>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **JobCollection.Filter Class**

[JobCollection.Filter Constructor](#)

↳ [Filter Properties](#)

[Filter Methods](#)

JobCollection.Filter Class

Provides arguments for retrieving a [JobCollection](#).

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Args<JobCollection.Filter>](#)

[Splunk.Client.JobCollection.Filter](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public sealed class Filter : Args<JobCollection. Filter>
```

The [JobCollection. Filter](#) type exposes the following members.

↳ Constructors

	Name	Description
≡	JobCollection.Filter	Initializes a new instance of the JobCollection. Filter class

[Top](#)

↳ Properties

	Name	Description
--	------	-------------

	Count	Gets or sets the maximum number of Job entries to return.
	Offset	Gets or sets a value specifying the first result (inclusive) from which to begin returning Job entries.
	Search	Gets or sets a search expression to filter Job entries.
	SortDirection	Gets or sets a value specifying the sort direction for Job entries.
	SortKey	Gets or sets the Job property to use for sorting entries.

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◀ Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	ToString	Gets a string representation for the current Args<TArgs> . (Inherited from Args<TArgs> .)

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◀ Remarks

References:

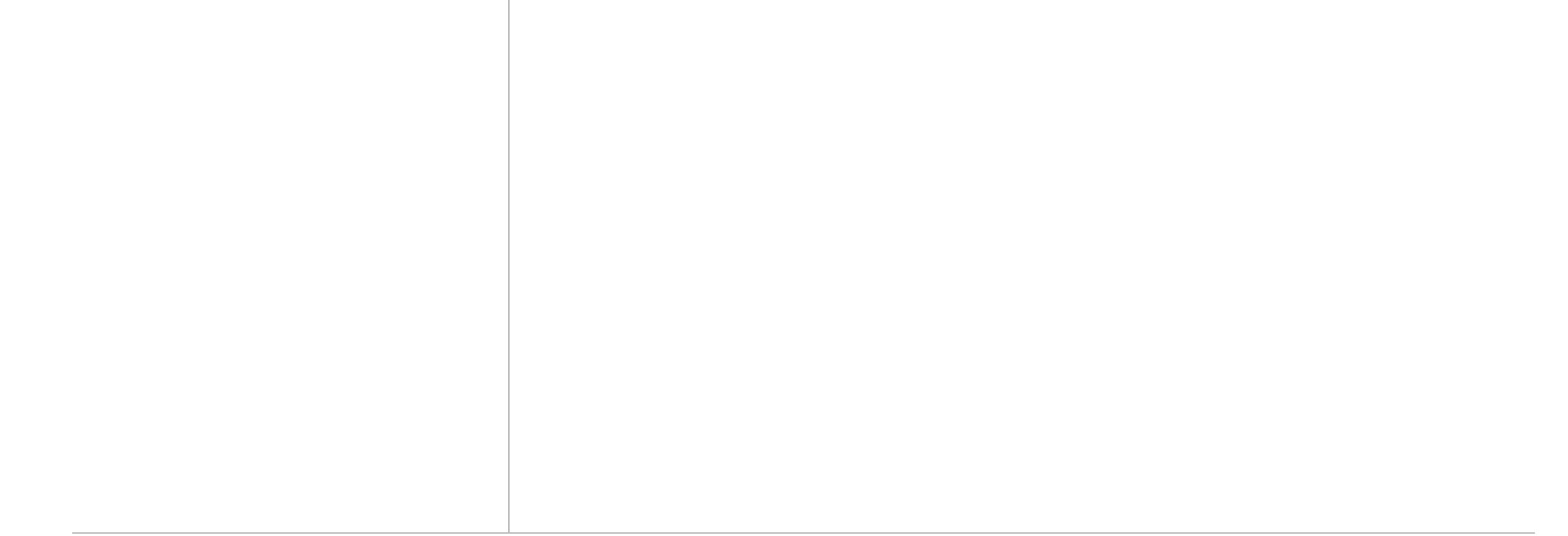
1. REST API Reference: GET search/jobs.

◀ See Also

Reference

[Splunk.Client Namespace](#)

[**Splunk.Client.Args<JobCollection.Filter>**](#)



[Splunk.Client Namespace](#)[Splunk.Client](#)[AlertComparator Enumeration](#)[AlertSeverity Enumeration](#)[AlertTrack Enumeration](#)[AlertType Enumeration](#)[Application Class](#)[ApplicationArchiveInfo Class](#)[ApplicationAttributes Class](#)[ApplicationCollection Class](#)[ApplicationCollection.Filter Class](#)[ApplicationSetupInfo Class](#)[ApplicationUpdateInfo Class](#)[ApplicationUpdateInfo.UpdateA Class](#)[Args\(TArgs\) Class](#)[Argument Class](#)[ArgumentSet Class](#)[AtomEntry Class](#)[AtomFeed Class](#)[AuthenticationFailureException Class](#)[BadRequestException Class](#) [BaseEntity\(TResource\) Class](#)[BaseResource Class](#)[Configuration Class](#)[ConfigurationCollection Class](#)[ConfigurationSetting Class](#)[ConfigurationStanza Class](#)[Context Class](#)

LicenseState Enumeration

Specifies the state of the license installed on a Splunk server instance.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum LicenseState
```

[Copy](#)

Members

Member name	Value	Description
Expired	0	The license is expired.
Ok	1	The license is in force.

See Also

Reference

[Splunk.Client Namespace](#)

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- DispatchState Enumeration
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
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- ▷ [JobCollection Class](#)
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- LicenseState Enumeration**
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- ▷ [Splunk.Client Namespace](#)
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- **Message Class**
 - ▷ [Message Properties](#)
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 - ▷ [Message Operators](#)

Message Class

Provides a class that represents a Splunk service response message.

► Inheritance Hierarchy

[System.Object](#)
[Splunk.Client.Message](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

► Syntax

C#

[Copy](#)

```
public sealed class Message : IComparable,  
    IComparable<Message>, IEquatable<Message>
```

The [Message](#) type exposes the following members.

► Properties

	Name	Description
	MessageType	Gets the type of the current Message .
	Text	Gets the text of the current Message .

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► Methods

	Name	Description
≡	CompareTo(Object)	Compares the current Message with another object and returns an integer that indicates whether the current Message precedes, follows, or appears in the same position in the sort order as the other object.
≡	CompareTo(Message)	Compares the current Message with another one and returns an integer that indicates whether the current Message precedes, follows, or appears in the same position in the sort order as the other one.
≡	Equals(Object)	Determines whether the current Message and another object are equal. (Overrides Object.Equals(Object) .)
≡	Equals(Message)	Determines whether the current Message and another one are equal.
≡	GetHashCode	Computes the hash code for the current Message . (Overrides Object.GetHashCode() .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
≡	ToString	Gets a string representation for the current Message . (Overrides Object.ToString() .)

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Operators

	Name	Description
≡	Equality	Determines whether two Message instances

have the same value.

	GreaterThan	Greater-than comparison operator.
	GreaterThanOrEqual	Greater-than-or-equal comparison operator.
	Inequality	Determines whether two Message instances have different values.
	LessThan	Less-than comparison operator.
	LessThanOrEqual	Less-than-or-equal comparison operator.

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◀ See Also

Reference

[Splunk.Client Namespace](#)

[System.IComparable](#)

[System.IComparable<Message>](#)

[System.IEquatable<Message>](#)

[Splunk.Client Namespace](#)[Splunk.Client](#)[AlertComparator Enumeration](#)[AlertSeverity Enumeration](#)[AlertTrack Enumeration](#)[AlertType Enumeration](#)[Application Class](#)[ApplicationArchiveInfo Class](#)[ApplicationAttributes Class](#)[ApplicationCollection Class](#)[ApplicationCollection.Filter Class](#)[ApplicationSetupInfo Class](#)[ApplicationUpdateInfo Class](#)[ApplicationUpdateInfo.UpdateA Class](#)[Args\(TArgs\) Class](#)[Argument Class](#)[ArgumentSet Class](#)[AtomEntry Class](#)[AtomFeed Class](#)[AuthenticationFailureException Class](#)[BadRequestException Class](#) [BaseEntity\(TResource\) Class](#)[BaseResource Class](#)[Configuration Class](#)[ConfigurationCollection Class](#)[ConfigurationSetting Class](#)[ConfigurationStanza Class](#)[Context Class](#)

MessageType Enumeration

Specifies the type of a server response [Message](#).

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum MessageType
```

[Copy](#)

Members

Member name	Value	Description
Debug	0	Specifies a debug messages.
Information	1	Specifies an information message.
Warning	2	Specifies a warning message.
Error	3	Specifies an error message.
Fatal	4	Specifies a fatal error message.

See Also

Reference

[Splunk.Client Namespace](#)

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- DispatchState Enumeration
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
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MessageType Enumeration

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- ▷ [SavedSearch.ActionsAdapter.R Class](#)
- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.ActionsAdapter.S](#)

MessageType Enumeration

Class

- ▷ [SavedSearch.AlertAdapter](#)
 Class
- ▷ [SavedSearch.AlertAdapter.Super](#)
 Class
- ▷ [SavedSearch.AutoSummarizeA](#)
 Class
- ▷ [SavedSearch.AutoSummarizeA](#)
 Class
- ▷ [SavedSearch.DispatchAdapter](#)
 Class
- ▷ [SavedSearch.DisplayAdapter](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.E](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.E](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.E](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.E](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.G](#)
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- ▷ [SavedSearch.DisplayAdapter.G](#)
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- ▷ [SavedSearch.DisplayAdapter.P](#)
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- ▷ [SavedSearch.DisplayAdapter.P](#)
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- ▷ [SavedSearch.DisplayAdapter.P](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.P](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.S](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.V](#)
 Class
- ▷ [SavedSearch.DisplayAdapter.V](#)
 Class

MessageType Enumeration

- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter Class](#)
- ▷ [SavedSearchAttributes Class](#)
- ▷ [SavedSearchCollection Class](#)
- ▷ [SavedSearchCollection.Filter Class](#)
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- ▷ [SearchExportStream Class](#)
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- ▷ [SearchPreviewStream Class](#)
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- ▷ [ServerMessageCollection Class](#)
- ▷ [ServerMessageCollection.Filter Class](#)
- ServerMessageSeverity Enumeration
- ServerMode Enumeration
- ▷ [ServerSettings Class](#)
- ▷ [ServerSettingValues Class](#)
- ▷ [Service Class](#)
- SharingMode Enumeration

- [SortDirection Enumeration](#)
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 - ▷ [StoragePassword Class](#)
 - ▷ [StoragePasswordCollection Class](#)
 - ▷ [StoragePasswordCollection.Filt Class](#)
 - ▷ [TaggedFieldValue Class](#)
 - ▷ [Transmitter Class](#)
 - ▷ [TransmitterArgs Class](#)
 - [TruncationMode Enumeration](#)
 - ▷ [UnauthorizedAccessException Class](#)
 - ▷ [ValueConverter\(TValue\) Class](#)
-



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Namespace Class**

↳ [Namespace Constructor](#)

↳ [Namespace Properties](#)

↳ [Namespace Methods](#)

↳ [Namespace Operators](#)

↳ [Namespace Fields](#)

Namespace Class

Specifies the user/app context for a resource.

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Namespace](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class Namespace : IComparable, IComparable<Namespace>,
    IEquatable<Namespace>
```

The [Namespace](#) type exposes the following members.

↳ Constructors

	Name	Description
≡	Namespace	Initializes a new instance of the Namespace class with a user and app name.

[Top](#)

↳ Properties

	Name	Description
--	------	-------------

	App	Gets the application.
	IsSpecific	Gets a value indicating whether this object is specific.
	IsWildcard	Gets a value indicating whether this object is wildcard.
	User	Gets the user of the current Namespace.

[Top](#)

◀ Methods

	Name	Description
	CompareTo(Object)	Compares the current Namespace with another object and returns an integer that indicates whether the current Namespace precedes, follows, or appears in the same position in the sort order as the other object.
	CompareTo(Namespace)	Compares the current Namespace with another one and returns an integer that indicates whether the current Namespace precedes, follows, or appears in the same position in the sort order as the other one.
	Equals(Object)	Determines whether the current Namespace and another object are equal. (Overrides Object.Equals(Object) .)
	Equals(Namespace)	Determines whether the current Namespace and another one are equal.
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection.

(Inherited from [Object](#).)

	GetHashCode	Computes the hash code for the current Namespace . (Overrides Object.GetHashCode() .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Converts the value of the current Namespace to its equivalent string representation. (Overrides Object.ToString() .)
	ToUriString	Converts the value of the current Namespace object to its equivalent URI encoded string representation.

[Top](#)

Operators

	Name	Description
	Equality	Determines whether two Namespace instances have the same value.
	GreaterThan	Greater-than comparison operator.
	GreaterThanOrEqual	Greater-than-or-equal comparison operator.
	Inequality	Determines whether two Namespace instances have different values.
	LessThan	Less-than comparison operator.

[LessThanOrEqual](#)

Less-than-or-equal comparison operator.

[Top](#)

◀ Fields

	Name	Description
	AllApps	All apps wildcard.
	AllUsers	All users wildcard.
	Default	The default.

[Top](#)

◀ See Also

Reference

[Splunk.Client Namespace](#)[System.IComparable](#)[System.IComparable<Namespace>](#)[System.IEquatable<Namespace>](#)



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Observable(T) Class**

[Observable\(T\) Constructor](#)

↳ [Observable\(T\) Methods](#)

Observable<T> Class

Defines a provider for push-based notification.

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Observable<T>](#)

[Splunk.Client.SearchExportStream](#)

[Splunk.Client.SearchPreviewStream](#)

[Splunk.Client.SearchResultStream](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public abstract class Observable<T> : Iobservable<T>
```

Type Parameters

T

Generic type parameter.

The [Observable< T>](#) type exposes the following members.

↳ Constructors

	Name	Description
	Observable<T>	Initializes a new instance of the Observable< T> class

[Top](#)

Methods

	Name	Description
	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetHashCode	Serves as the default hash function. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	OnCompleted	Notifies all observers that the provider has finished sending push-based notifications.
	OnError	Notifies all observers that the provider has experienced an error condition.
	OnNext	Provides all observers with new data.
	PushObservations	Pushes observations to observers and then completes.
	Subscribe	Notifies the current SearchPreviewStream that an observer is to receive notifications.
	ToString	Returns a string that represents the current object.

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◀ See Also

[Reference](#)

[Splunk.Client Namespace](#)

System.IObservable<T>



↳ [Splunk.Client Namespace](#)

↳ [Splunk.Client](#)

↳ **Observer(T) Class**

[Observer\(T\) Constructor](#)

↳ [Observer\(T\) Methods](#)

Observer<T> Class

Provides a class for faking git requests and responses from a Splunk server.

↳ Inheritance Hierarchy

[System.Object](#)

[Splunk.Client.Observer<T>](#)

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

↳ Syntax

C#

[Copy](#)

```
public class Observer<T> : IObserver<T>
```

Type Parameters

T

[Missing <typeparam name="T"/> documentation for "T:Splunk.Client.Observer`1"]

The [Observer< T >](#) type exposes the following members.

↳ Constructors

	Name	Description
	Observer<T>	Initializes a new instance of the Observer< T > class.

[Top](#)

◀ Methods

	Name	Description
≡	Equals	Determines whether the specified object is equal to the current object. (Inherited from Object .)
≡	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
≡	GetHashCode	Serves as the default hash function. (Inherited from Object .)
≡	GetType	Gets the Type of the current instance. (Inherited from Object .)
≡	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
≡	OnCompleted	Executes the completed action.
≡	OnError	Executes the error action.
≡	OnNext	Executes the next action.
≡	ToString	Returns a string that represents the current object. (Inherited from Object .)

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◀ See Also

Reference
[Splunk.Client Namespace](#)



Splunk.Client Namespace

Splunk.Client

AlertComparator Enumeration

AlertSeverity Enumeration

AlertTrack Enumeration

AlertType Enumeration

Application Class

ApplicationArchiveInfo Class

ApplicationAttributes Class

ApplicationCollection Class

ApplicationCollection.Filter Class

ApplicationSetupInfo Class

ApplicationUpdateInfo Class

ApplicationUpdateInfo.UpdateA Class

Args(TArgs) Class

Argument Class

ArgumentSet Class

AtomEntry Class

AtomFeed Class

AuthenticationFailureException Class

BadRequestException Class

BaseEntity(TResource) Class

BaseResource Class

Configuration Class

ConfigurationCollection Class

ConfigurationSetting Class

ConfigurationStanza Class

Context Class

OutputMode Enumeration

Specifies the format for the output from a search command.

Namespace: [Splunk.Client](#)

Assembly: Splunk.Client (in Splunk.Client.dll) Version: 2.2.8.0 (2.2.8.0)

Syntax

C#

```
public enum OutputMode
```

[Copy](#)

Members

Member name	Value	Description
Default	0	
Atom	1	
Csv	2	
Json	3	
JsonColumns	4	
JsonRows	5	
Raw	6	
Xml	7	

See Also

Reference

[Splunk.Client Namespace](#)

- ▷ [CookieStore Class](#)
- ▷ [CustomJobArgs Class](#)
- [DispatchState Enumeration](#)
- ▷ [Eai Class](#)
- ▷ [EaiAcl Class](#)
- ▷ [EaiAttributes Class](#)
- [EmailFormat Enumeration](#)
- ▷ [Endpoint Class](#)
- ▷ [Entity\(TResource\) Class](#)
- ▷ [EntityCollection\(TEntity, TResource\) Class](#)
- [ExecutionMode Enumeration](#)
- ▷ [ExpandoAdapter Class](#)
- ▷ [ExpandoAdapter.Converter Class](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [ExpandoAdapter\(TExpandoAda Class\)](#)
- ▷ [IApplication Interface](#)
- ▷ [IApplicationArchiveInfo Interface](#)
- ▷ [IApplicationCollection\(TApplica Interface\)](#)
- ▷ [IApplicationSetupInfo Interface](#)
- ▷ [IApplicationUpdateInfo Interface](#)
- ▷ [IBaseResource Interface](#)
- ▷ [IConfiguration\(TConfigurations Interface\)](#)
- ▷ [IConfigurationCollection\(TConf TConfigurationStanza\) Interface](#)

OutputMode Enumeration

- ▷ [IConfigurationSetting Interface](#)
- ▷ [IConfigurationStanza Interface](#)
- ▷ [IEntity Interface](#)
- ▷ [IEntityCollection\(TEntity, TResource\) Interface](#)
- ▷ [IIndex Interface](#)
- ▷ [IIndexCollection\(TIndex\) Interface](#)
- ▷ [IJob Interface](#)
- ▷ [IJobCollection\(TJob\) Interface](#)
- ▷ [Index Class](#)
- ▷ [IndexAttributes Class](#)
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- ▷ [IndexCollection.Filter Class](#)
- ▷ [InternalServerErrorException Class](#)
- ▷ [IPaginated Interface](#)
- ▷ [ISavedSearch Interface](#)
- ▷ [ISavedSearchCollection\(TSave Interface\)](#)
- ▷ [IServer Interface](#)
- ▷ [IServerInfo Interface](#)
- ▷ [IServerMessage Interface](#)
- ▷ [IServerMessageCollection\(TServer Interface\)](#)
- ▷ [IServerSettings Interface](#)
- ▷ [IService Interface](#)
- ▷ [IStoragePassword Interface](#)
- ▷ [IStoragePasswordCollection\(TStorageInterface\)](#)
- ▷ [ITransmitter Interface](#)
- ▷ [Job Class](#)

- ▷ [Job.RuntimeAdapter Class](#)
- ▷ [JobArgs Class](#)
- ▷ [JobCollection Class](#)
- ▷ [JobCollection.Filter Class](#)
- LicenseState Enumeration
- ▷ [Message Class](#)
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- ▷ [Observable\(T\) Class](#)
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- OutputMode Enumeration**
- ▷ [Pagination Structure](#)
- PaperOrientation Enumeration
- PaperSize Enumeration
- ▷ [Permissions Class](#)
- ▷ [RequestException Class](#)
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- ▷ [ResourceCollection Class](#)
- ▷ [ResourceName Class](#)
- ▷ [ResourceNotFoundException Class](#)
- ▷ [Response Class](#)
- ▷ [SavedSearch Class](#)
- ▷ [SavedSearch.ActionsAdapter Class](#)
- ▷ [SavedSearch.ActionsAdapter.A Class](#)
- ▷ [SavedSearch.ActionsAdapter.E Class](#)
- ▷ [SavedSearch.ActionsAdapter.P Class](#)
- ▷ [SavedSearch.ActionsAdapter.R Class](#)
- ▷ [SavedSearch.ActionsAdapter.S](#)

OutputMode Enumeration

Class

- ▷ [SavedSearch.ActionsAdapter.S Class](#)
- ▷ [SavedSearch.AlertAdapter Class](#)
- ▷ [SavedSearch.AlertAdapter.Super Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.AutoSummarizeA Class](#)
- ▷ [SavedSearch.DispatchAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter Class](#)
- ▷ [SavedSearch.DisplayAdapter.Ex Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.G Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.P Class](#)
- ▷ [SavedSearch.DisplayAdapter.S Class](#)
- ▷ [SavedSearch.DisplayAdapter.V Class](#)

OutputMode Enumeration

- ▷ [SavedSearch.DisplayAdapter.V Class](#)
- ▷ [SavedSearch.Filter Class](#)
- ▷ [SavedSearch.RequestAdapter Class](#)
- ▷ [SavedSearchAttributes Class](#)
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 - ▷ [ValueConverter\(TValue\) Class](#)
-