Introduction

Namespace JohnsonControls.Metasys.Basic Services

Classes

[AccessToken](#)

    The session access token and expiration in UTC time along with related host information.

[Activity](#)

    Provides Activity Item

[ActivityAlarm](#)

    Provides ActivityAlarm Item

[ActivityAudit](#)

    Provides ActivityAudit Item

[ActivityFilter](#)

    Filters to get activity items.

[Alarm](#)

    Provides alarm Item

[AlarmAnnotation](#)

    Annotaion for an alarm.

[AlarmFilter](#)

    Filters to get alarms when using API v2 or v3.

[AlarmFilterV4Plus](#)

    Filters to get activity items from API v4 on.

[AlarmServiceProvider](#)

    Provide alarm item for the endpoints of the Metasys Alarm API.

[Audit](#)

    Provides audit Item

[AuditAnnotation](#)

    Annotation for an audit.

[AuditData](#)

    AuditData is a structure that holds information about Audit Information.

[AuditFilter](#)

Filters to get audits

[AuditServiceProvider](#)

Provide audit item for the endpoints of the Metasys Audit API.

[AuditSignature](#)

DTO for the AuditSignature model.

[BasicFilter](#)

Basic filter for a general API request.

[BasicServiceProvider](#)

Base abstract class to be extended on specific provider implementation.

[BatchRequest](#)

Body class for a Metasys server batch request.

[BatchRequestParam](#)

Body class to pass list of parameters for Metasys server batch request.

[Command](#)

Command is a class that holds information about a Metasys object command.

[CommandCollectionExtension](#)

A helper to work with Command collections.

[CredManException](#)

An exception that is thrown when something went wrong while reading a target from Credential Manger.

[EnumerationServiceProvider](#)

Provide enumeration item for the endpoints of the Metasys Enumerations API.

[EquipmentServiceProvider](#)

Provide equipment item for the endpoints of the Metasys Equipments API.

[LegacyData](#)

LegacyData is a structure that holds information about Legacy Information.

[LegacyInfo](#)

Legacy information for the audit.

[LogFactory](#)

Factory to provide log4net.ILog LogFactoryInstance.

LogInitializer

Responsible for the Log initialization.

ManageException

Manage Http exceptions.

Measurement

A measurement expressed in terms of value and unit.

MetasysAnnotation

Base class for a Metasys Annotation.

MetasysAttribute

DTO for the attribute of an Object.

MetasysClient

An HTTP client for consuming the most commonly used endpoints of the Metasys API.

MetasysCommandException

An exception that is thrown when a MetasysObject could not be created from a Http response.

MetasysException

A general exception that is thrown when any type of Metasys Exception occurs.

MetasysGuidException

An exception that is thrown when a Guid could not be created from a Http response.

MetasysHttpException

An exception that is thrown when a Flurl.Http exception occurs.

MetasysHttpNotFoundException

An exception that is thrown when a resource is not found

MetasysHttpParsingException

An exception that is thrown when a Flurl.Http.FlurlHttpParsingException exception occurs.

MetasysHttpTimeoutException

An exception that is thrown when a Flurl.Http.FlurlHttpTimeoutException exception occurs.

MetasysObject

MetasysObject is a structure that holds information about a Metasys object.

MetasysObjectCollectionExtension

A helper to work with Metasys Objects collections.

MetasysObjectException

An exception that is thrown when a MetasysObject could not be created from a Http response.

MetasysObjectTypeException

An exception that is thrown when a MetasysObjectType could not be created from a Http response.

MetasysPoint

Point is a structure that holds information about an object attribute mapped to a point.

MetasysPointCollectionExtension

A helper to work with MetasysPoint collections.

MetasysPropertyException

An exception that is thrown when a Variant could not be created from a Http response.

MetasysTokenException

An exception that is thrown when an AccessToken could not be created from a Http response.

MetasysUnsupportedApiVersion

An exception that is thrown when the given API version is invalid or not supported

NetworkDevice

NetworkDevice is a structure that hold information about a Metasys Network Device

NetworkDeviceServiceProvider

Provide network device item for the endpoints of the Metasys Network Devices API.

ObjectRequest

Request related to an object

PagedResult<T>

Generic Paged Result Object containing Items along with paging information.

Result

This holds the inofrmation returned as result of a call

Sample

DTO for Sample

SpaceServiceProvider

Provide space item for the endpoints of the Metasys Spaces API.

StreamEventArgs

Defines Stream event arguments.

StreamMessage

Provides Stream message data

StreamServiceProvider

Provide methods for the endpoints of the Metasys Stream API v4.

Subscription

Provides Subscription Item

TimeFilter

Temporal filter for a timeline based request.

TreeObject

Generic class for handling JSON objects with a hierarchical pattern. Children is null when the object has no children.

TrendServiceProvider

Provider Class for Trend Service

TriggerValue

A Trigger Object (specifically for Alarms).

TriggerValue.Schema

TriggerValue.SchemaUnits

UntrustedCertClientFactory

Provide Untrusted Certificate Client Factory.

Variant

Variant is a structure that holds information about an attribute/property value from a single Metasys object.

VariantMultiple

A structure for grouping Variant values with the same id.

VariantMultipleCollectionExtension

A helper to work with VariantMultiple collections.

Structs

Command.EnumerationItem

The value and translated title of an enumeration item.

Command.Item

A value that can be changed by a command.

MetasysEnumValue

MetasysEnumValue is a structure that hold information about a Metasys Enumeration values

MetasysEnumeration

MetasysEnumeration is a structure that hold information about a Metasys Enumeration definition

MetasysObjectType

MetasysObjectType is a structure that hold information about a Metasys

ObjectId

A Metasys Object Identifier

Interfaces

IActivityService

Defines method to provide activity infos for endpoints of the Metasys Activity API.

IAlarmsService

Defines method to provide alarm infos for endpoints of the Metasys Alarm API.

IAuditService

Defines method to provide audit infos for endpoints of the Metasys Audit API.

IBasicService

Base Interface for implementing a new service for Metasys Client.

IEnumerationService

Defines method to provide enumeration infos for endpoints of the Metasys Enumerations API.

IEquipmentService

Defines method to provide equipment infos for endpoints of the Metasys Equipments API.

IMetasysClient

An HTTP client for consuming the most commonly used endpoints of the Metasys API.

INetworkDeviceService

Defines method to provide network device infos for endpoints of the Metasys Network Devices API.

ISpaceService

Defines method to provide space infos for endpoints of the Metasys Spaces API.

IStreamService

Defines methods to provide Streams infos for endpoints of the Metasys Stream API.

ITrendService

Enums

ActionTypeEnum
    Enumeration of possible Action Type for an Audit.

ActivityManagementStatusEnum
    Enumeration of possible values for editing an Alarm.

ApiVersion
    The supported Metasys server Api versions.

AttributeEnumSet
    Enumeration of possible Attributes (typically for Trended Samples).

ClassLevelsEnum
    Enumeration of possible Class Levels for an Audit.

MetasysObjectTypeEnum
    Collection of Metasys Object Types.

NetworkDeviceTypeEnum
    Enumeration of possible Network Device Type.

OriginApplicationsEnum
    Enumeration of possible OriginApplications for an Audit.

SpaceSortEnum
    Enumeration of possible sort types for a Space.

SpaceTypeEnum
    Enumeration of possible types for a Space.