Namespace Itsm.Tdx.WebApi

Classes

[BaseRequestBuilder](#)

[TdxBaseClient](#)

[TdxClient](#)

[TdxClientFactory](#)

Factory for creating [HttpClient⧉](#) instances with advanced control over message handlers. Consumers can:

- Create any number of custom [DelegatingHandler⧉](#) instances (e.g., logging, authentication, retry, telemetry).
- Pass them as a collection to the factory method. The factory chains these handlers together and builds an [HttpClient⧉](#) instance that executes all handlers in the specified order.

Class BaseRequestBuilder

Namespace: Itsm.Tdx.WebApi

Assembly: Itsm.Tdx.WebApi.dll

```
public abstract class BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder

Derived

AccountItemRequestBuilder, AccountsRequestBuilder, PeopleRequestBuilder, PersonByIdRequestBuilder, PersonSearchRequestBuilder, TicketCreateObjectRequestBuilder, TicketCreateRequestBuilder, TicketItemRequestBuilder, TicketsRequestBuilder

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BaseRequestBuilder(string, TdxBaseClient)

```
protected BaseRequestBuilder(string path, TdxBaseClient client)
```

Parameters

path string

client TdxBaseClient

Fields

Client

```
protected readonly TdxBaseClient Client
```

Field Value

[TdxBaseClient](#)

Path

```
protected readonly string Path
```

Field Value

[string](#)⬈

Methods

CreateRequest(HttpMethod, string, object?)

```
protected HttpRequestMessage CreateRequest(HttpMethod method, string relativePath = "",
object? body = null)
```

Parameters

method [HttpMethod](#)⬈

relativePath [string](#)⬈

body [object](#)⬈

Returns

[HttpRequestMessage](#)⬈

SendAsync(HttpRequestMessage)

```
protected Task SendAsync(HttpRequestMessage request)
```

Parameters

request HttpRequestMessage↗

Returns

Task↗

SendAsync<T>(HttpRequestMessage)

```
protected Task<T> SendAsync<T>(HttpRequestMessage request)
```

Parameters

request HttpRequestMessage↗

Returns

Task↗ <T>

Type Parameters

T

Class TdxBaseClient

Namespace: Itsm.Tdx.WebApi

Assembly: Itsm.Tdx.WebApi.dll

```
public abstract class TdxBaseClient
```

Inheritance

object ← TdxBaseClient

Derived

TdxClient

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TdxBaseClient(HttpClient, TdxClientOptions?)

```
protected TdxBaseClient(HttpClient httpClient, TdxClientOptions? options)
```

Parameters

`httpClient` HttpClient

`options` TdxClientOptions

TdxBaseClient(HttpClient, string, TdxClientOptions?)

```
protected TdxBaseClient(HttpClient httpClient, string tenant, TdxClientOptions? options)
```

Parameters

`httpClient` HttpClient

`tenant` [string](#)

`options` [TdxClientOptions](#)

Fields

HttpClient

```
protected readonly HttpClient HttpClient
```

Field Value

[HttpClient](#)

RetryPolicy

```
protected readonly AsyncRetryPolicy<HttpResponseMessage> RetryPolicy
```

Field Value

[AsyncRetryPolicy](#) < [HttpResponseMessage](#) >

TdxClientOptions

```
protected readonly TdxClientOptions TdxClientOptions
```

Field Value

[TdxClientOptions](#)

Token

```
protected string? Token
```

Field Value

string↗

Methods

AddAuthorization(HttpRequestMessage)

```
protected void AddAuthorization(HttpRequestMessage request)
```

Parameters

request HttpRequestMessage↗

BuildBaseUri(string, TdxClientOptions)

```
protected static Uri BuildBaseUri(string tenant, TdxClientOptions options)
```

Parameters

tenant string↗

options TdxClientOptions

Returns

Uri↗

CreateRetryPolicy(TdxClientOptions)

```
protected static AsyncRetryPolicy<HttpResponseMessage> CreateRetryPolicy(TdxClientOptions
clientOptions)
```

Parameters

clientOptions TdxClientOptions

Returns

[AsyncRetryPolicy](#)⬚ <[HttpResponseMessage](#)⬚>

SendRequestAsync(HttpRequestMessage)

```
public Task<HttpResponseMessage> SendRequestAsync(HttpRequestMessage request)
```

Parameters

`request` [HttpRequestMessage](#)⬚

Returns

[Task](#)⬚ <[HttpResponseMessage](#)⬚>

SendRequestAsync<T>(HttpRequestMessage)

```
public Task<T> SendRequestAsync<T>(HttpRequestMessage request)
```

Parameters

`request` [HttpRequestMessage](#)⬚

Returns

[Task](#)⬚ <T>

Type Parameters

`T`

SetToken(string)

```csharp
public void SetToken(string token)
```

Parameters

token [string](#)

Class TdxClient

Namespace: Itsm.Tdx.WebApi

Assembly: Itsm.Tdx.WebApi.dll

```
public class TdxClient : TdxBaseClient
```

Inheritance

object � ← TdxBaseClient ← TdxClient

Inherited Members

TdxBaseClient.HttpClient , TdxBaseClient.RetryPolicy , TdxBaseClient.TdxClientOptions ,
TdxBaseClient.Token , TdxBaseClient.BuildBaseUri(string, TdxClientOptions) ,
TdxBaseClient.CreateRetryPolicy(TdxClientOptions) , TdxBaseClient.SetToken(string) ,
TdxBaseClient.AddAuthorization(HttpRequestMessage) ,
TdxBaseClient.SendRequestAsync(HttpRequestMessage) ,
TdxBaseClient.SendRequestAsync<T>(HttpRequestMessage) , object.Equals(object) ⌐ ,
object.Equals(object, object) ⌐ , object.GetHashCode() ⌐ , object.GetType() ⌐ ,
object.MemberwiseClone() ⌐ , object.ReferenceEquals(object, object) ⌐ , object.ToString() ⌐

Constructors

TdxClient(HttpClient, string, string, string, TdxClientOptions?)

Use this constructor to supply your own HttpClient ⌐ instance, such as one configured with logging,
handlers, or a shared retry policy. If `BaseAddress` is not set, it will be inferred from the tenant and options.

```
public TdxClient(HttpClient httpClient, string tenant, string webServicesBeId, string
webServicesKey, TdxClientOptions? options = null)
```

Parameters

`httpClient` HttpClient ⌐

`tenant` string ⌐

`webServicesBeId` string ⌐

`webServicesKey` [string↗](string)

`options` TdxClientOptions

TdxClient(string, string, string)

Constructor with default retry policy and no throttling callbacks.

```
public TdxClient(string tenant, string webServicesBeId, string webServicesKey)
```

Parameters

`tenant` [string↗](string)

`webServicesBeId` [string↗](string)

`webServicesKey` [string↗](string)

TdxClient(string, string, string, TdxClientOptions)

Constructor that takes full configuration via TdxClientOptions.

```
public TdxClient(string tenant, string webServicesBeId, string webServicesKey,
TdxClientOptions options)
```

Parameters

`tenant` [string↗](string)

`webServicesBeId` [string↗](string)

`webServicesKey` [string↗](string)

`options` TdxClientOptions

Properties

Accounts

```
public AccountsRequestBuilder Accounts { get; }
```

Property Value

[AccountsRequestBuilder](#)

People

```
public PeopleRequestBuilder People { get; }
```

Property Value

[PeopleRequestBuilder](#)

Methods

AuthenticateAsync()

```
public Task AuthenticateAsync()
```

Returns

[Task](#)

Tickets(string)

```
public TicketsRequestBuilder Tickets(string appId)
```

Parameters

`appId` [string](#)

Returns

[TicketsRequestBuilder](#)

Class TdxClientFactory

Namespace: Itsm.Tdx.WebApi

Assembly: Itsm.Tdx.WebApi.dll

Factory for creating HttpClient⧉ instances with advanced control over message handlers. Consumers can:

- Create any number of custom DelegatingHandler⧉ instances (e.g., logging, authentication, retry, telemetry).
- Pass them as a collection to the factory method. The factory chains these handlers together and builds an HttpClient⧉ instance that executes all handlers in the specified order.

```
public static class TdxClientFactory
```

Inheritance

object⧉ ← TdxClientFactory

Inherited Members

object.Equals(object)⧉ , object.Equals(object, object)⧉ , object.GetHashCode()⧉ , object.GetType()⧉ , object.MemberwiseClone()⧉ , object.ReferenceEquals(object, object)⧉ , object.ToString()⧉

Remarks

Use this factory when you need to customize the HttpClient⧉ pipeline, such as adding custom logging, authentication, or retry policies. This enables flexible, reusable, and testable HTTP communication.

Methods

CreateHttpClient(IEnumerable<DelegatingHandler>, string, HttpMessageHandler?)

```
public static HttpClient CreateHttpClient(IEnumerable<DelegatingHandler> handlers, string
tenantOrUrl, HttpMessageHandler? rootHandler = null)
```

Parameters

`handlers` IEnumerable⧉ <DelegatingHandler⧉ >

`tenantOrUrl` [string](#)⬀

`rootHandler` [HttpMessageHandler](#)⬀

Returns

[HttpClient](#)⬀

Namespace Itsm.Tdx.WebApi.Accounts

Classes

[AccountItemRequestBuilder](#)

Provides operations to retrieve information about a specific account/department in the TeamDynamix system.

[AccountsRequestBuilder](#)

Contains methods for working with accounts/departments.

Class AccountItemRequestBuilder

Namespace: Itsm.Tdx.WebApi.Accounts

Assembly: Itsm.Tdx.WebApi.dll

Provides operations to retrieve information about a specific account/department in the TeamDynamix system.

```
public class AccountItemRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← AccountItemRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AccountItemRequestBuilder(string, TdxBaseClient)

Initializes a new instance of the AccountItemRequestBuilder class.

```
public AccountItemRequestBuilder(string path, TdxBaseClient client)
```

Parameters

`path` string

The path segment for the specific account resource.

`client` TdxBaseClient

The TdxBaseClient used to send HTTP requests.

Methods

GetAsync()

Retrieves detailed information for a specific [Account](#).

```
public Task<Account> GetAsync()
```

Returns

[Task](#)⧉ <[Account](#)>

An [Account](#) object with full details.

Class AccountsRequestBuilder

Namespace: Itsm.Tdx.WebApi.Accounts

Assembly: Itsm.Tdx.WebApi.dll

Contains methods for working with accounts/departments.

```
public class AccountsRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← AccountsRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AccountsRequestBuilder(TdxBaseClient)

Initializes a new instance of the AccountsRequestBuilder class. Gets a list of all active accounts/departments.

```
public AccountsRequestBuilder(TdxBaseClient client)
```

Parameters

`client` TdxBaseClient

The TdxBaseClient used for requests.

Remarks

Will not return full account/department information.

Methods

GetAsync()

Retrieves a list of all active accounts/departments.

```
public Task<List<Account>> GetAsync()
```

Returns

[Task](#) < [List](#) < [Account](#) > >

A list of [Account](#) objects.

Namespace Itsm.Tdx.WebApi.Accounts.Models

Classes

[Account](#)

Class Account

Namespace: Itsm.Tdx.WebApi.Accounts.Models

Assembly: Itsm.Tdx.WebApi.dll

```csharp
public class Account
```

Inheritance

object ← Account

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Address1

```csharp
[JsonProperty("Address1")]
public string? Address1 { get; set; }
```

Property Value

string

Address2

```csharp
[JsonProperty("Address2")]
public string? Address2 { get; set; }
```

Property Value

string

Address3

```
[JsonProperty("Address3")]
public string? Address3 { get; set; }
```

Property Value

string⇗

Address4

```
[JsonProperty("Address4")]
public string? Address4 { get; set; }
```

Property Value

string⇗

Attributes

```
[JsonProperty("Attributes")]
public List<object>? Attributes { get; set; }
```

Property Value

List⇗ <object⇗ >

City

```
[JsonProperty("City")]
public string? City { get; set; }
```

Property Value

string⇗

Code

```
[JsonProperty("Code")]
public string? Code { get; set; }
```

Property Value

[string](link)

Country

```
[JsonProperty("Country")]
public string? Country { get; set; }
```

Property Value

[string](link)

CreatedDate

```
[JsonProperty("CreatedDate")]
public DateTime CreatedDate { get; set; }
```

Property Value

[DateTime](link)

Fax

```
[JsonProperty("Fax")]
public string? Fax { get; set; }
```

Property Value

[string↗](#)

ID

```csharp
[JsonProperty("ID")]
public required int ID { get; set; }
```

Property Value

[int↗](#)

IndustryID

```csharp
[JsonProperty("IndustryID")]
public int IndustryID { get; set; }
```

Property Value

[int↗](#)

IndustryName

```csharp
[JsonProperty("IndustryName")]
public object? IndustryName { get; set; }
```

Property Value

[object↗](#)

IsActive

```csharp
[JsonProperty("IsActive")]
public bool IsActive { get; set; }
```

Property Value

[bool↗](#)

ManagerFullName

```csharp
[JsonProperty("ManagerFullName")]
public string? ManagerFullName { get; set; }
```

Property Value

[string↗](#)

ManagerUID

```csharp
[JsonProperty("ManagerUID")]
public string? ManagerUID { get; set; }
```

Property Value

[string↗](#)

ModifiedDate

```csharp
[JsonProperty("ModifiedDate")]
public DateTime ModifiedDate { get; set; }
```

Property Value

[DateTime↗](#)

Name

```csharp
[JsonProperty("Name")]
```

```
public string? Name { get; set; }
```

Property Value

[string](⧉)

Notes

```
[JsonProperty("Notes")]
public string? Notes { get; set; }
```

Property Value

[string](⧉)

ParentID

```
[JsonProperty("ParentID")]
public int? ParentID { get; set; }
```

Property Value

[int](⧉)?

ParentName

```
[JsonProperty("ParentName")]
public string? ParentName { get; set; }
```

Property Value

[string](⧉)

Phone

```
[JsonProperty("Phone")]
public string? Phone { get; set; }
```

Property Value

[string](#)

PostalCode

```
[JsonProperty("PostalCode")]
public string? PostalCode { get; set; }
```

Property Value

[string](#)

StateAbbr

```
[JsonProperty("StateAbbr")]
public string? StateAbbr { get; set; }
```

Property Value

[string](#)

StateName

```
[JsonProperty("StateName")]
public string? StateName { get; set; }
```

Property Value

[string](#)

Url

```csharp
[JsonProperty("Url")]
public string? Url { get; set; }
```

Property Value

[string](#)

Namespace Itsm.Tdx.WebApi.Extensions

Classes

TdxClientOptions

Class TdxClientOptions

Namespace: <u>Itsm</u>.<u>Tdx</u>.<u>WebApi</u>.<u>Extensions</u>

Assembly: Itsm.Tdx.WebApi.dll

```
public class TdxClientOptions
```

Inheritance

<u>object</u>⧉ ← TdxClientOptions

Inherited Members

<u>object.Equals(object)</u>⧉ , <u>object.Equals(object, object)</u>⧉ , <u>object.GetHashCode()</u>⧉ , <u>object.GetType()</u>⧉ , <u>object.MemberwiseClone()</u>⧉ , <u>object.ReferenceEquals(object, object)</u>⧉ , <u>object.ToString()</u>⧉

Properties

BaseApiUrl

Optional The fully formed base API URL. If not set, it's built from the Tenant.

```
public string? BaseApiUrl { get; set; }
```

Property Value

<u>string</u>⧉

EnableThrottleCountdownLogging

```
public bool EnableThrottleCountdownLogging { get; set; }
```

Property Value

<u>bool</u>⧉

MaxRetries

The number of retry attempts after a 429 response. Default is 1.

```
public int MaxRetries { get; set; }
```

Property Value

[int](#)

OnThrottleContinue

Invoked after waiting completes and before retrying the request.

```
public Action? OnThrottleContinue { get; set; }
```

Property Value

[Action](#)

OnThrottleWait

Invoked before waiting due to a throttling response (HTTP 429).

```
public Action<TimeSpan>? OnThrottleWait { get; set; }
```

Property Value

[Action](#) <[TimeSpan](#)>

Namespace Itsm.Tdx.WebApi.People

Classes

[PeopleRequestBuilder](#)

Provides methods for interacting with people in the TeamDynamix system. This includes searching for people or retrieving them by UID.

[PersonByIdRequestBuilder](#)

Provides functionality to retrieve a person by their unique identifier (UID) from the TeamDynamix people database.

[PersonLookupRequestBuilder](#)

[PersonSearchRequestBuilder](#)

Provides functionality to search for people in the TeamDynamix people database based on various search criteria.

Class PeopleRequestBuilder

Namespace: Itsm.Tdx.WebApi.People

Assembly: Itsm.Tdx.WebApi.dll

Provides methods for interacting with people in the TeamDynamix system. This includes searching for people or retrieving them by UID.

```
public class PeopleRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← PeopleRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path , BaseRequestBuilder.CreateRequest(HttpMethod, string, object) , BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) , BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

PeopleRequestBuilder(TdxBaseClient)

Initializes a new instance of the PeopleRequestBuilder class.

```
public PeopleRequestBuilder(TdxBaseClient client)
```

Parameters

client TdxBaseClient

The base TDX API client used for sending requests.

Properties

this[string]

Gets a request builder to access a specific person by their UID.

```
public PersonByIdRequestBuilder this[string uid] { get; }
```

Parameters

uid [string ⧉](#)

The UID of the person to retrieve.

Property Value

[PersonByIdRequestBuilder](#)

A [PersonByIdRequestBuilder](#) for the specified person.

Search

Gets a request builder used to search for people using various filters.

```
public PersonSearchRequestBuilder Search { get; }
```

Property Value

[PersonSearchRequestBuilder](#)

Class PersonByIdRequestBuilder

Namespace: Itsm.Tdx.WebApi.People

Assembly: Itsm.Tdx.WebApi.dll

Provides functionality to retrieve a person by their unique identifier (UID) from the TeamDynamix people database.

```
public class PersonByIdRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← PersonByIdRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

PersonByIdRequestBuilder(string, TdxBaseClient)

Initializes a new instance of the PersonByIdRequestBuilder class.

```
public PersonByIdRequestBuilder(string path, TdxBaseClient client)
```

Parameters

`path` string

   The relative API path to the specific person.

`client` TdxBaseClient

   The TDX API client used to send the request.

Methods

GetAsync()

Sends a GET request to retrieve the person identified by the specified UID.

```
public Task<User> GetAsync()
```

Returns

[Task](#) <[User](#)>

A [User](#) object representing the person.

Class PersonLookupRequestBuilder

Namespace: Itsm.Tdx.WebApi.People

Assembly: Itsm.Tdx.WebApi.dll

```
public class PersonLookupRequestBuilder
```

Inheritance

object ← PersonLookupRequestBuilder

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Class PersonSearchRequestBuilder

Namespace: Itsm.Tdx.WebApi.People

Assembly: Itsm.Tdx.WebApi.dll

Provides functionality to search for people in the TeamDynamix people database based on various search criteria.

```
public class PersonSearchRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← PersonSearchRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

PersonSearchRequestBuilder(string, TdxBaseClient)

Initializes a new instance of the PersonSearchRequestBuilder class.

```
public PersonSearchRequestBuilder(string path, TdxBaseClient client)
```

Parameters

`path` string

The relative API path for the search endpoint.

`client` TdxBaseClient

The TDX API client used to send the request.

Methods

GetAsync()

Executes the search with the provided criteria and returns a list of matching users.

```
public Task<List<User>> GetAsync()
```

Returns

[Task](#) < [List](#) < [User](#) > >

A list of [User](#) objects that match the search criteria.

Exceptions

[InvalidOperationException](#)

Thrown when no search criteria have been provided.

UserException

Thrown when no matching users are found.

With(string, string)

Adds a custom search criterion to the search criteria.

```
public PersonSearchRequestBuilder With(string key, string value)
```

Parameters

`key` [string](#)

The key of the search criterion.

`value` [string](#)

The value of the search criterion.

Returns

[PersonSearchRequestBuilder](#)

    The current [PersonSearchRequestBuilder](#) instance.

Exceptions

[ArgumentException⧉](#)

    Thrown when `key` or `value` is null or empty.

WithEmail(string)

Adds the email to the search criteria.

```
public PersonSearchRequestBuilder WithEmail(string email)
```

Parameters

`email` [string⧉](#)

    The email address of the person.

Returns

[PersonSearchRequestBuilder](#)

    The current [PersonSearchRequestBuilder](#) instance.

WithExternalId(string)

Adds the external ID to the search criteria.

```
public PersonSearchRequestBuilder WithExternalId(string externalId)
```

Parameters

`externalId` [string⧉](#)

    The external ID of the person.

Returns

[PersonSearchRequestBuilder](#)

The current [PersonSearchRequestBuilder](#) instance.

Exceptions

[ArgumentException⤢](#)

Thrown when `externalId` is null or empty.

WithFirstName(string)

Adds the first name to the search criteria.

```
public PersonSearchRequestBuilder WithFirstName(string firstName)
```

Parameters

`firstName` [string⤢](#)

The first name of the person.

Returns

[PersonSearchRequestBuilder](#)

The current [PersonSearchRequestBuilder](#) instance.

WithLastName(string)

Adds the last name to the search criteria.

```
public PersonSearchRequestBuilder WithLastName(string lastName)
```

Parameters

`lastName` [string⤢](#)

The last name of the person.

Returns

[PersonSearchRequestBuilder](#)

The current [PersonSearchRequestBuilder](#) instance.

WithUsername(string)

Adds the username to the search criteria.

```
public PersonSearchRequestBuilder WithUsername(string username)
```

Parameters

`username` [string](#)⧉

The username of the person.

Returns

[PersonSearchRequestBuilder](#)

The current [PersonSearchRequestBuilder](#) instance.

Exceptions

[ArgumentException](#)⧉

Thrown when `username` is null or empty.

Namespace Itsm.Tdx.WebApi.People.Models

Classes

User

Class User

```
public class User
```

Inheritance

object ← User

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AboutMe

```
[JsonProperty("AboutMe")]
public string? AboutMe { get; set; }
```

Property Value

string

AlertEmail

```
[JsonProperty("AlertEmail")]
public string? AlertEmail { get; set; }
```

Property Value

string

AlternateEmail

```csharp
[JsonProperty("AlternateEmail")]
public string? AlternateEmail { get; set; }
```

Property Value

[string](#)

AlternateId

```csharp
[JsonProperty("AlternateID")]
public string? AlternateId { get; set; }
```

Property Value

[string](#)

Applications

```csharp
[JsonProperty("Applications")]
public List<object>? Applications { get; set; }
```

Property Value

[List](#)<[object](#)>

ApplyTechnicianSignatureToReplies

```csharp
[JsonProperty("ApplyTechnicianSignatureToReplies")]
public bool ApplyTechnicianSignatureToReplies { get; set; }
```

Property Value

[bool](#)

ApplyTechnicianSignatureToUpdatesAndComments

```
[JsonProperty("ApplyTechnicianSignatureToUpdatesAndComments")]
public bool ApplyTechnicianSignatureToUpdatesAndComments { get; set; }
```

Property Value

[bool↗](#)

Attributes

```
[JsonProperty("Attributes")]
public List<object>? Attributes { get; set; }
```

Property Value

[List↗](#)<[object↗](#)>

AuthenticationProviderId

```
[JsonProperty("AuthenticationProviderID")]
public int AuthenticationProviderId { get; set; }
```

Property Value

[int↗](#)

AuthenticationUserName

```
[JsonProperty("AuthenticationUserName")]
public string? AuthenticationUserName { get; set; }
```

Property Value

BeId

```
[JsonProperty("BEID")]
public string? BeId { get; set; }
```

Property Value

BeIdInt

```
[JsonProperty("BEIDInt")]
public int BeIdInt { get; set; }
```

Property Value

Company

```
[JsonProperty("Company")]
public string? Company { get; set; }
```

Property Value

CostRate

```
[JsonProperty("CostRate")]
public double CostRate { get; set; }
```

Property Value

[double↗](#)

DefaultAccountId

```
[JsonProperty("DefaultAccountID")]
public int DefaultAccountId { get; set; }
```

Property Value

[int↗](#)

DefaultAccountName

```
[JsonProperty("DefaultAccountName")]
public string? DefaultAccountName { get; set; }
```

Property Value

[string↗](#)

DefaultPriorityID

```
[JsonProperty("DefaultPriorityID")]
public int DefaultPriorityID { get; set; }
```

Property Value

[int↗](#)

DefaultPriorityName

```
[JsonProperty("DefaultPriorityName")]
```

```
public string? DefaultPriorityName { get; set; }
```

Property Value

[string](#)

DefaultRate

```
[JsonProperty("DefaultRate")]
public double DefaultRate { get; set; }
```

Property Value

[double](#)

EndDate

```
[JsonProperty("EndDate")]
public DateTime EndDate { get; set; }
```

Property Value

[DateTime](#)

ExternalId

```
[JsonProperty("ExternalID")]
public string? ExternalId { get; set; }
```

Property Value

[string](#)

Fax

```
[JsonProperty("Fax")]
public string? Fax { get; set; }
```

Property Value

[string](#)

FirstName

```
[JsonProperty("FirstName")]
public string? FirstName { get; set; }
```

Property Value

[string](#)

FullName

```
[JsonProperty("FullName")]
public string? FullName { get; set; }
```

Property Value

[string](#)

GroupIds

```
[JsonProperty("GroupIDs")]
public List<object>? GroupIds { get; set; }
```

Property Value

[List](#)<[object](#)>

HomeAddress

```
[JsonProperty("HomeAddress")]
public string? HomeAddress { get; set; }
```

Property Value

string

HomeCity

```
[JsonProperty("HomeCity")]
public string? HomeCity { get; set; }
```

Property Value

string

HomeCountry

```
[JsonProperty("HomeCountry")]
public string? HomeCountry { get; set; }
```

Property Value

string

HomePhone

```
[JsonProperty("HomePhone")]
public string? HomePhone { get; set; }
```

Property Value

string

HomeState

```
[JsonProperty("HomeState")]
public string? HomeState { get; set; }
```

Property Value

[string](#)

HomeZip

```
[JsonProperty("HomeZip")]
public string? HomeZip { get; set; }
```

Property Value

[string](#)

ImHandle

```
[JsonProperty("IMHandle")]
public string? ImHandle { get; set; }
```

Property Value

[string](#)

ImProvider

```
[JsonProperty("IMProvider")]
public string? ImProvider { get; set; }
```

Property Value

[string↗](#)

IsActive

```
[JsonProperty("IsActive")]
public bool IsActive { get; set; }
```

Property Value

[bool↗](#)

IsCapacityManaged

```
[JsonProperty("IsCapacityManaged")]
public bool IsCapacityManaged { get; set; }
```

Property Value

[bool↗](#)

IsConfidential

```
[JsonProperty("IsConfidential")]
public bool IsConfidential { get; set; }
```

Property Value

[bool↗](#)

IsEmployee

```
[JsonProperty("IsEmployee")]
public bool IsEmployee { get; set; }
```

Property Value

bool↗

LastName

```csharp
[JsonProperty("LastName")]
public string? LastName { get; set; }
```

Property Value

string↗

LocationID

```csharp
[JsonProperty("LocationID")]
public int LocationID { get; set; }
```

Property Value

int↗

LocationName

```csharp
[JsonProperty("LocationName")]
public object? LocationName { get; set; }
```

Property Value

object↗

LocationRoomID

```csharp
[JsonProperty("LocationRoomID")]
```

```
public int LocationRoomID { get; set; }
```

Property Value

[int](#)↗

LocationRoomName

```
[JsonProperty("LocationRoomName")]
public object? LocationRoomName { get; set; }
```

Property Value

[object](#)↗

MiddleName

```
[JsonProperty("MiddleName")]
public string? MiddleName { get; set; }
```

Property Value

[string](#)↗

MobilePhone

```
[JsonProperty("MobilePhone")]
public string? MobilePhone { get; set; }
```

Property Value

[string](#)↗

Nickname

```
[JsonProperty("Nickname")]
public string? Nickname { get; set; }
```

Property Value

[string](#)

OrgApplications

```
[JsonProperty("OrgApplications")]
public object? OrgApplications { get; set; }
```

Property Value

[object](#)

OtherPhone

```
[JsonProperty("OtherPhone")]
public string? OtherPhone { get; set; }
```

Property Value

[string](#)

Pager

```
[JsonProperty("Pager")]
public string? Pager { get; set; }
```

Property Value

[string](#)

Permissions

```
[JsonProperty("Permissions")]
public List<object>? Permissions { get; set; }
```

Property Value

List ⧉ <object ⧉ >

PrimaryClientPortalApplicationId

```
[JsonProperty("PrimaryClientPortalApplicationID")]
public object? PrimaryClientPortalApplicationId { get; set; }
```

Property Value

object ⧉

PrimaryEmail

```
[JsonProperty("PrimaryEmail")]
public string? PrimaryEmail { get; set; }
```

Property Value

string ⧉

PrimaryPhone

```
[JsonProperty("PrimaryPhone")]
public string? PrimaryPhone { get; set; }
```

Property Value

string ⧉

ProfileImageFileName

```csharp
[JsonProperty("ProfileImageFileName")]
public string? ProfileImageFileName { get; set; }
```

Property Value

[string](#)

ReferenceId

```csharp
[JsonProperty("ReferenceID")]
public int ReferenceId { get; set; }
```

Property Value

[int](#)

ReportTimeAfterDate

```csharp
[JsonProperty("ReportTimeAfterDate")]
public DateTime ReportTimeAfterDate { get; set; }
```

Property Value

[DateTime](#)

ReportsToFullName

```csharp
[JsonProperty("ReportsToFullName")]
public string? ReportsToFullName { get; set; }
```

Property Value

string 🔗

ReportsToUid

```csharp
[JsonProperty("ReportsToUID")]
public string? ReportsToUid { get; set; }
```

Property Value

string 🔗

ResourcePoolId

```csharp
[JsonProperty("ResourcePoolID")]
public int ResourcePoolId { get; set; }
```

Property Value

int 🔗

ResourcePoolName

```csharp
[JsonProperty("ResourcePoolName")]
public string? ResourcePoolName { get; set; }
```

Property Value

string 🔗

Salutation

```csharp
[JsonProperty("Salutation")]
public string? Salutation { get; set; }
```

Property Value

[string](#)

SecurityRoleId

```csharp
[JsonProperty("SecurityRoleID")]
public string? SecurityRoleId { get; set; }
```

Property Value

[string](#)

SecurityRoleName

```csharp
[JsonProperty("SecurityRoleName")]
public string? SecurityRoleName { get; set; }
```

Property Value

[string](#)

ShouldReportTime

```csharp
[JsonProperty("ShouldReportTime")]
public bool ShouldReportTime { get; set; }
```

Property Value

[bool](#)

TechnicianSignature

```csharp
[JsonProperty("TechnicianSignature")]
```

```
public object? TechnicianSignature { get; set; }
```

Property Value

[object](#)

Title

```
[JsonProperty("Title")]
public string? Title { get; set; }
```

Property Value

[string](#)

TypeId

```
[JsonProperty("TypeID")]
public int TypeId { get; set; }
```

Property Value

[int](#)

TzName

```
[JsonProperty("TZName")]
public string? TzName { get; set; }
```

Property Value

[string](#)

Tzid

```
[JsonProperty("TZID")]
public int Tzid { get; set; }
```

Property Value

[int↗](#)

Uid

```
[JsonProperty("UID")]
public string? Uid { get; set; }
```

Property Value

[string↗](#)

UserName

```
[JsonProperty("UserName")]
public string? UserName { get; set; }
```

Property Value

[string↗](#)

WorkAddress

```
[JsonProperty("WorkAddress")]
public string? WorkAddress { get; set; }
```

Property Value

[string↗](#)

WorkCity

```csharp
[JsonProperty("WorkCity")]
public string? WorkCity { get; set; }
```

Property Value

[string](#)

WorkCountry

```csharp
[JsonProperty("WorkCountry")]
public string? WorkCountry { get; set; }
```

Property Value

[string](#)

WorkPhone

```csharp
[JsonProperty("WorkPhone")]
public string? WorkPhone { get; set; }
```

Property Value

[string](#)

WorkState

```csharp
[JsonProperty("WorkState")]
public string? WorkState { get; set; }
```

Property Value

[string](#)

WorkZip

```
[JsonProperty("WorkZip")]
public string? WorkZip { get; set; }
```

Property Value

[string](#)⧉

WorkableHours

```
[JsonProperty("WorkableHours")]
public double WorkableHours { get; set; }
```

Property Value

[double](#)⧉

Namespace Itsm.Tdx.WebApi.Tickets

Classes

[TicketCreateObjectRequestBuilder](#)

Provides a builder for creating tickets using a fully constructed [Ticket](#) object.

[TicketCreateRequestBuilder](#)

Provides a fluent interface for constructing and submitting a new ticket using discrete fields.

[TicketItemRequestBuilder](#)

Provides operations to retrieve a specific ticket by ID.

[TicketsRequestBuilder](#)

Provides operations to manage and create tickets within a specific ticketing application in the TeamDynamix platform.

Class TicketCreateObjectRequestBuilder

Namespace: Itsm.Tdx.WebApi.Tickets

Assembly: Itsm.Tdx.WebApi.dll

Provides a builder for creating tickets using a fully constructed Ticket object.

```
public class TicketCreateObjectRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← TicketCreateObjectRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TicketCreateObjectRequestBuilder(string, TdxBaseClient, Ticket)

Initializes a new instance of the TicketCreateObjectRequestBuilder class.

```
public TicketCreateObjectRequestBuilder(string path, TdxBaseClient client, Ticket ticket)
```

Parameters

`path` string

The API endpoint path.

`client` TdxBaseClient

The client used to send the request.

`ticket` Ticket

The ticket to be created.

Methods

PostAsync()

Submits the ticket creation request and returns the created [Ticket](#).

```
public Task<Ticket> PostAsync()
```

Returns

[Task](#) < [Ticket](#) >

WithOptions(Action<TicketCreateOptions>)

Configures additional query parameters for the creation request.

```
public TicketCreateObjectRequestBuilder WithOptions(Action<TicketCreateOptions> configure)
```

Parameters

`configure` [Action](#) < [TicketCreateOptions](#) >

An action to configure [TicketCreateOptions](#).

Returns

[TicketCreateObjectRequestBuilder](#)

Class TicketCreateRequestBuilder

Namespace: Itsm.Tdx.WebApi.Tickets

Assembly: Itsm.Tdx.WebApi.dll

Provides a fluent interface for constructing and submitting a new ticket using discrete fields.

```
public class TicketCreateRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← TicketCreateRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TicketCreateRequestBuilder(string, TdxBaseClient)

Initializes a new instance of the TicketCreateRequestBuilder class.

```
public TicketCreateRequestBuilder(string path, TdxBaseClient client)
```

Parameters

`path` string

The base path for the ticket creation API endpoint.

`client` TdxBaseClient

The API client used to make requests.

Methods

PostAsync()

Submits the ticket creation request and returns the created [Ticket](#).

```
public Task<Ticket> PostAsync()
```

Returns

[Task](#) <[Ticket](#)>

ValidateRequiredFields()

Validates that all required fields for ticket creation are present.

```
public void ValidateRequiredFields()
```

Exceptions

[InvalidOperationException](#)

Thrown when a required field is missing.

WithAccountId(string)

Sets the account ID associated with the ticket.

```
public TicketCreateRequestBuilder WithAccountId(string accountId)
```

Parameters

accountId [string](#)

Returns

[TicketCreateRequestBuilder](#)

WithDescription(string)

Sets the description for the ticket.

```
public TicketCreateRequestBuilder WithDescription(string description)
```

Parameters

description string⬀

Returns

TicketCreateRequestBuilder

WithOptions(Action<TicketCreateOptions>)

Applies additional options for the ticket creation request.

```
public TicketCreateRequestBuilder WithOptions(Action<TicketCreateOptions> configure)
```

Parameters

configure Action⬀<TicketCreateOptions>

An action to configure the TicketCreateOptions.

Returns

TicketCreateRequestBuilder

WithPriority(string)

Sets the priority ID of the ticket.

```
public TicketCreateRequestBuilder WithPriority(string priorityId)
```

Parameters

priorityId string⧉

Returns

[TicketCreateRequestBuilder](#)

WithRequestor(string)

Sets the UID of the requestor.

```
public TicketCreateRequestBuilder WithRequestor(string uid)
```

Parameters

uid string⧉

Returns

[TicketCreateRequestBuilder](#)

WithResponsible(string)

Sets the UID of the responsible person.

```
public TicketCreateRequestBuilder WithResponsible(string uid)
```

Parameters

uid string⧉

Returns

[TicketCreateRequestBuilder](#)

WithStatusId(string)

Sets the status ID of the ticket.

```
public TicketCreateRequestBuilder WithStatusId(string statusID)
```

Parameters

statusID [string](#)

Returns

[TicketCreateRequestBuilder](#)

WithTitle(string)

Sets the title of the ticket.

```
public TicketCreateRequestBuilder WithTitle(string title)
```

Parameters

title [string](#)

Returns

[TicketCreateRequestBuilder](#)

WithTypeId(string)

Sets the type ID of the ticket.

```
public TicketCreateRequestBuilder WithTypeId(string typeId)
```

Parameters

typeId [string](#)

Returns

[TicketCreateRequestBuilder](#)

Class TicketItemRequestBuilder

Namespace: Itsm.Tdx.WebApi.Tickets

Assembly: Itsm.Tdx.WebApi.dll

Provides operations to retrieve a specific ticket by ID.

```
public class TicketItemRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← TicketItemRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TicketItemRequestBuilder(string, TdxBaseClient)

Initializes a new instance of the TicketItemRequestBuilder class.

```
public TicketItemRequestBuilder(string path, TdxBaseClient tdxBaseClient)
```

Parameters

path string

    The API path to the specific ticket.

tdxBaseClient TdxBaseClient

    The client used to send requests.

Methods

GetAsync()

Retrieves the ticket identified by the path.

```
public Task<Ticket> GetAsync()
```

Returns

[Task](#) <[Ticket](#)>

    A [Ticket](#) object representing the ticket.

Class TicketsRequestBuilder

Namespace: Itsm.Tdx.WebApi.Tickets

Assembly: Itsm.Tdx.WebApi.dll

Provides operations to manage and create tickets within a specific ticketing application in the TeamDynamix platform.

```
public class TicketsRequestBuilder : BaseRequestBuilder
```

Inheritance

object ← BaseRequestBuilder ← TicketsRequestBuilder

Inherited Members

BaseRequestBuilder.Client , BaseRequestBuilder.Path ,
BaseRequestBuilder.CreateRequest(HttpMethod, string, object) ,
BaseRequestBuilder.SendAsync<T>(HttpRequestMessage) ,
BaseRequestBuilder.SendAsync(HttpRequestMessage) , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TicketsRequestBuilder(TdxBaseClient, string)

Initializes a new instance of the TicketsRequestBuilder class.

```
public TicketsRequestBuilder(TdxBaseClient client, string appId)
```

Parameters

`client` TdxBaseClient

The TDX base client used to send HTTP requests.

`appId` string

The ID of the ticketing application.

Exceptions

[ArgumentException](⧉)

Thrown if `appId` is null or empty.

Properties

AppId

Gets the ID of the ticketing application associated with this request builder.

```
public string AppId { get; }
```

Property Value

[string](⧉)

this[string]

Provides operations for a specific ticket by its ID.

```
public TicketItemRequestBuilder this[string ticketId] { get; }
```

Parameters

`ticketId` [string](⧉)

The ID of the ticket to manage.

Property Value

[TicketItemRequestBuilder](⧉)

A [TicketItemRequestBuilder](⧉) for the specified ticket.

Methods

Create()

Provides operations for creating new tickets using request parameters.

```
public TicketCreateRequestBuilder Create()
```

Returns

[TicketCreateRequestBuilder](#)

A [TicketCreateRequestBuilder](#) for ticket creation.

Create(Ticket)

Provides operations for creating a new ticket using a [Ticket](#) object.

```
public TicketCreateObjectRequestBuilder Create(Ticket ticket)
```

Parameters

ticket [Ticket](#)

The ticket to create.

Returns

[TicketCreateObjectRequestBuilder](#)

A [TicketCreateObjectRequestBuilder](#) to execute the ticket creation.

Namespace Itsm.Tdx.WebApi.Tickets.Models

Classes

Notify

Ticket

Class Notify

Namespace: Itsm.Tdx.WebApi.Tickets.Models

Assembly: Itsm.Tdx.WebApi.dll

```
public class Notify
```

Inheritance

object ⟋ ← Notify

Inherited Members

object.Equals(object) ⟋ , object.Equals(object, object) ⟋ , object.GetHashCode() ⟋ , object.GetType() ⟋ ,
object.MemberwiseClone() ⟋ , object.ReferenceEquals(object, object) ⟋ , object.ToString() ⟋

Properties

GroupId

```
public string? GroupId { get; set; }
```

Property Value

string ⟋

Initials

```
public string? Initials { get; set; }
```

Property Value

string ⟋

ItemRole

```
public string? ItemRole { get; set; }
```

Property Value

[string](#)⧉

Name

```
public string? Name { get; set; }
```

Property Value

[string](#)⧉

ProfileImageFileName

```
public string? ProfileImageFileName { get; set; }
```

Property Value

[string](#)⧉

RefValue

```
public string? RefValue { get; set; }
```

Property Value

[string](#)⧉

Value

```csharp
public string? Value { get; set; }
```

Property Value

[string](#)

Class Ticket

Namespace: Itsm.Tdx.WebApi.Tickets.Models

Assembly: Itsm.Tdx.WebApi.dll

```csharp
public class Ticket
```

Inheritance

object ← Ticket

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AccountID

```csharp
[JsonPropertyName("AccountID")]
public int? AccountID { get; set; }
```

Property Value

int?

AccountName

```csharp
[JsonPropertyName("AccountName")]
public string? AccountName { get; set; }
```

Property Value

string

ActualMinutes

```csharp
[JsonPropertyName("ActualMinutes")]
public int? ActualMinutes { get; set; }
```

Property Value

int ?

AppID

```csharp
[JsonPropertyName("AppID")]
public int? AppID { get; set; }
```

Property Value

int ?

ArticleAppID

```csharp
[JsonPropertyName("ArticleAppID")]
public int? ArticleAppID { get; set; }
```

Property Value

int ?

ArticleCategoryPathNames

```csharp
[JsonPropertyName("ArticleCategoryPathNames")]
public string? ArticleCategoryPathNames { get; set; }
```

Property Value

string

ArticleID

```
[JsonPropertyName("ArticleID")]
public int? ArticleID { get; set; }
```

Property Value

int↗?

ArticleShortcutID

```
[JsonPropertyName("ArticleShortcutID")]
public object? ArticleShortcutID { get; set; }
```

Property Value

object↗

ArticleStatus

```
[JsonPropertyName("ArticleStatus")]
public int? ArticleStatus { get; set; }
```

Property Value

int↗?

ArticleSubject

```
[JsonPropertyName("ArticleSubject")]
public string? ArticleSubject { get; set; }
```

Property Value

[string↗](#)

Attachments

```csharp
[JsonPropertyName("Attachments")]
public List<object>? Attachments { get; set; }
```

Property Value

[List↗](#)<[object↗](#)>

Attributes

```csharp
[JsonPropertyName("Attributes")]
public List<object>? Attributes { get; set; }
```

Property Value

[List↗](#)<[object↗](#)>

Classification

```csharp
[JsonPropertyName("Classification")]
public int? Classification { get; set; }
```

Property Value

[int↗](#)?

ClassificationName

```csharp
[JsonPropertyName("ClassificationName")]
public string? ClassificationName { get; set; }
```

Property Value

string↗

CompletedDate

```
[JsonPropertyName("CompletedDate")]
public DateTime? CompletedDate { get; set; }
```

Property Value

DateTime↗?

CompletedFullName

```
[JsonPropertyName("CompletedFullName")]
public string? CompletedFullName { get; set; }
```

Property Value

string↗

CompletedUid

```
[JsonPropertyName("CompletedUid")]
public string? CompletedUid { get; set; }
```

Property Value

string↗

ConvertedToTaskDate

```
[JsonPropertyName("ConvertedToTaskDate")]
```

```
public DateTime? ConvertedToTaskDate { get; set; }
```

Property Value

[DateTime⧉](#)?

ConvertedToTaskFullName

```
[JsonPropertyName("ConvertedToTaskFullName")]
public string? ConvertedToTaskFullName { get; set; }
```

Property Value

[string⧉](#)

ConvertedToTaskUid

```
[JsonPropertyName("ConvertedToTaskUid")]
public object? ConvertedToTaskUid { get; set; }
```

Property Value

[object⧉](#)

CreatedDate

```
[JsonPropertyName("CreatedDate")]
public DateTime? CreatedDate { get; set; }
```

Property Value

[DateTime⧉](#)?

CreatedEmail

```
[JsonPropertyName("CreatedEmail")]
public string? CreatedEmail { get; set; }
```

Property Value

[string](#)

CreatedFullName

```
[JsonPropertyName("CreatedFullName")]
public string? CreatedFullName { get; set; }
```

Property Value

[string](#)

CreatedUid

```
[JsonPropertyName("CreatedUid")]
public string? CreatedUid { get; set; }
```

Property Value

[string](#)

DaysOld

```
[JsonPropertyName("DaysOld")]
public int? DaysOld { get; set; }
```

Property Value

[int](#)?

Description

```csharp
[JsonPropertyName("Description")]
public string? Description { get; set; }
```

Property Value

[string](#)⬈

EndDate

```csharp
[JsonPropertyName("EndDate")]
public object? EndDate { get; set; }
```

Property Value

[object](#)⬈

EstimatedMinutes

```csharp
[JsonPropertyName("EstimatedMinutes")]
public int? EstimatedMinutes { get; set; }
```

Property Value

[int](#)⬈?

ExpensesBudget

```csharp
[JsonPropertyName("ExpensesBudget")]
public double? ExpensesBudget { get; set; }
```

Property Value

[double](#)⬈?

ExpensesBudgetUsed

```
[JsonPropertyName("ExpensesBudgetUsed")]
public double? ExpensesBudgetUsed { get; set; }
```

Property Value

[double](#)?

FormID

```
[JsonPropertyName("FormID")]
public int? FormID { get; set; }
```

Property Value

[int](#)?

FormName

```
[JsonPropertyName("FormName")]
public string? FormName { get; set; }
```

Property Value

[string](#)

GoesOffHoldDate

```
[JsonPropertyName("GoesOffHoldDate")]
public DateTime? GoesOffHoldDate { get; set; }
```

Property Value

[DateTime](#)?

ID

```
[JsonPropertyName("ID")]
public int? ID { get; set; }
```

Property Value

[int](#)?

ImpactID

```
[JsonPropertyName("ImpactID")]
public int? ImpactID { get; set; }
```

Property Value

[int](#)?

ImpactName

```
[JsonPropertyName("ImpactName")]
public string? ImpactName { get; set; }
```

Property Value

[string](#)

IsConvertedToTask

```
[JsonPropertyName("IsConvertedToTask")]
public bool? IsConvertedToTask { get; set; }
```

Property Value

[bool](#)?

IsOnHold

```csharp
[JsonPropertyName("IsOnHold")]
public bool? IsOnHold { get; set; }
```

Property Value

[bool](#)?

IsRichHtml

```csharp
[JsonPropertyName("IsRichHtml")]
public bool? IsRichHtml { get; set; }
```

Property Value

[bool](#)?

IsSlaResolveByViolated

```csharp
[JsonPropertyName("IsSlaResolveByViolated")]
public bool? IsSlaResolveByViolated { get; set; }
```

Property Value

[bool](#)?

IsSlaRespondByViolated

```csharp
[JsonPropertyName("IsSlaRespondByViolated")]
```

```
public bool? IsSlaRespondByViolated { get; set; }
```

Property Value

[bool](#)?

IsSlaViolated

```
[JsonPropertyName("IsSlaViolated")]
public bool? IsSlaViolated { get; set; }
```

Property Value

[bool](#)?

LocationID

```
[JsonPropertyName("LocationID")]
public int? LocationID { get; set; }
```

Property Value

[int](#)?

LocationName

```
[JsonPropertyName("LocationName")]
public string? LocationName { get; set; }
```

Property Value

[string](#)

LocationRoomID

```
[JsonPropertyName("LocationRoomID")]
public int? LocationRoomID { get; set; }
```

Property Value

[int](#)?

LocationRoomName

```
[JsonPropertyName("LocationRoomName")]
public string? LocationRoomName { get; set; }
```

Property Value

[string](#)

ModifiedDate

```
[JsonPropertyName("ModifiedDate")]
public DateTime? ModifiedDate { get; set; }
```

Property Value

[DateTime](#)?

ModifiedFullName

```
[JsonPropertyName("ModifiedFullName")]
public string? ModifiedFullName { get; set; }
```

Property Value

[string](#)

ModifiedUid

```
[JsonPropertyName("ModifiedUid")]
public string? ModifiedUid { get; set; }
```

Property Value

[string](#)

Notify

```
[JsonPropertyName("Notify")]
public List<Notify>? Notify { get; set; }
```

Property Value

[List](#) <[Notify](#)>

ParentClass

```
[JsonPropertyName("ParentClass")]
public int? ParentClass { get; set; }
```

Property Value

[int](#)?

ParentID

```
[JsonPropertyName("ParentID")]
public int? ParentID { get; set; }
```

Property Value

[int](#)?

ParentTitle

```
[JsonPropertyName("ParentTitle")]
public string? ParentTitle { get; set; }
```

Property Value

[string](#)

PlacedOnHoldDate

```
[JsonPropertyName("PlacedOnHoldDate")]
public DateTime? PlacedOnHoldDate { get; set; }
```

Property Value

[DateTime](#)?

PriorityID

```
[JsonPropertyName("PriorityID")]
public int? PriorityID { get; set; }
```

Property Value

[int](#)?

PriorityName

```
[JsonPropertyName("PriorityName")]
public string? PriorityName { get; set; }
```

Property Value

string⧉

PriorityOrder

```
[JsonPropertyName("PriorityOrder")]
public double? PriorityOrder { get; set; }
```

Property Value

double⧉?

RefCode

```
[JsonPropertyName("RefCode")]
public string? RefCode { get; set; }
```

Property Value

string⧉

RequestorEmail

```
[JsonPropertyName("RequestorEmail")]
public string? RequestorEmail { get; set; }
```

Property Value

string⧉

RequestorFirstName

```
[JsonPropertyName("RequestorFirstName")]
public string? RequestorFirstName { get; set; }
```

Property Value

[string](#)⤤

RequestorLastName

```csharp
[JsonPropertyName("RequestorLastName")]
public string? RequestorLastName { get; set; }
```

Property Value

[string](#)⤤

RequestorName

```csharp
[JsonPropertyName("RequestorName")]
public string? RequestorName { get; set; }
```

Property Value

[string](#)⤤

RequestorPhone

```csharp
[JsonPropertyName("RequestorPhone")]
public string? RequestorPhone { get; set; }
```

Property Value

[string](#)⤤

RequestorUid

```csharp
[JsonPropertyName("RequestorUid")]
```

```
public string? RequestorUid { get; set; }
```

Property Value

[string](#)⬀

ResolveByDate

```
[JsonPropertyName("ResolveByDate")]
public DateTime? ResolveByDate { get; set; }
```

Property Value

[DateTime](#)⬀?

RespondByDate

```
[JsonPropertyName("RespondByDate")]
public DateTime? RespondByDate { get; set; }
```

Property Value

[DateTime](#)⬀?

RespondedDate

```
[JsonPropertyName("RespondedDate")]
public DateTime? RespondedDate { get; set; }
```

Property Value

[DateTime](#)⬀?

RespondedFullName

```
[JsonPropertyName("RespondedFullName")]
public string? RespondedFullName { get; set; }
```

Property Value

[string](#)

RespondedUid

```
[JsonPropertyName("RespondedUid")]
public object? RespondedUid { get; set; }
```

Property Value

[object](#)

ResponsibleEmail

```
[JsonPropertyName("ResponsibleEmail")]
public string? ResponsibleEmail { get; set; }
```

Property Value

[string](#)

ResponsibleFullName

```
[JsonPropertyName("ResponsibleFullName")]
public string? ResponsibleFullName { get; set; }
```

Property Value

[string](#)

ResponsibleGroupID

```csharp
[JsonPropertyName("ResponsibleGroupID")]
public int? ResponsibleGroupID { get; set; }
```

Property Value

[int↗]?

ResponsibleGroupName

```csharp
[JsonPropertyName("ResponsibleGroupName")]
public string? ResponsibleGroupName { get; set; }
```

Property Value

[string↗]

ResponsibleUid

```csharp
[JsonPropertyName("ResponsibleUid")]
public string? ResponsibleUid { get; set; }
```

Property Value

[string↗]

ReviewerEmail

```csharp
[JsonPropertyName("ReviewerEmail")]
public string? ReviewerEmail { get; set; }
```

Property Value

[string↗]

ReviewerFullName

```
[JsonPropertyName("ReviewerFullName")]
public string? ReviewerFullName { get; set; }
```

Property Value

[string](#)

ReviewerUid

```
[JsonPropertyName("ReviewerUid")]
public object? ReviewerUid { get; set; }
```

Property Value

[object](#)

ReviewingGroupID

```
[JsonPropertyName("ReviewingGroupID")]
public int? ReviewingGroupID { get; set; }
```

Property Value

[int](#)?

ReviewingGroupName

```
[JsonPropertyName("ReviewingGroupName")]
public string? ReviewingGroupName { get; set; }
```

Property Value

string🔗

ServiceCategoryID

```
[JsonPropertyName("ServiceCategoryID")]
public int? ServiceCategoryID { get; set; }
```

Property Value

int🔗?

ServiceCategoryName

```
[JsonPropertyName("ServiceCategoryName")]
public string? ServiceCategoryName { get; set; }
```

Property Value

string🔗

ServiceID

```
[JsonPropertyName("ServiceID")]
public int? ServiceID { get; set; }
```

Property Value

int🔗?

ServiceName

```
[JsonPropertyName("ServiceName")]
public string? ServiceName { get; set; }
```

Property Value

string↗

ServiceOfferingID

```
[JsonPropertyName("ServiceOfferingID")]
public int? ServiceOfferingID { get; set; }
```

Property Value

int↗?

ServiceOfferingName

```
[JsonPropertyName("ServiceOfferingName")]
public string? ServiceOfferingName { get; set; }
```

Property Value

string↗

SlaBeginDate

```
[JsonPropertyName("SlaBeginDate")]
public DateTime? SlaBeginDate { get; set; }
```

Property Value

DateTime↗?

SlaID

```
[JsonPropertyName("SlaID")]
```

```csharp
public int? SlaID { get; set; }
```

Property Value

[int](#)?

SlaName

```csharp
[JsonPropertyName("SlaName")]
public string? SlaName { get; set; }
```

Property Value

[string](#)

SourceID

```csharp
[JsonPropertyName("SourceID")]
public int? SourceID { get; set; }
```

Property Value

[int](#)?

SourceName

```csharp
[JsonPropertyName("SourceName")]
public string? SourceName { get; set; }
```

Property Value

[string](#)

StartDate

```
[JsonPropertyName("StartDate")]
public object? StartDate { get; set; }
```

Property Value

[object](#)

StatusClass

```
[JsonPropertyName("StatusClass")]
public int? StatusClass { get; set; }
```

Property Value

[int](#)?

StatusID

```
[JsonPropertyName("StatusID")]
public int? StatusID { get; set; }
```

Property Value

[int](#)?

StatusName

```
[JsonPropertyName("StatusName")]
public string? StatusName { get; set; }
```

Property Value

[string](#)

TaskEndDate

```csharp
[JsonPropertyName("TaskEndDate")]
public DateTime? TaskEndDate { get; set; }
```

Property Value

[DateTime]?

TaskID

```csharp
[JsonPropertyName("TaskID")]
public int? TaskID { get; set; }
```

Property Value

[int]?

TaskPercentComplete

```csharp
[JsonPropertyName("TaskPercentComplete")]
public int? TaskPercentComplete { get; set; }
```

Property Value

[int]?

TaskPlanID

```csharp
[JsonPropertyName("TaskPlanID")]
public int? TaskPlanID { get; set; }
```

Property Value

[int]?

TaskPlanName

```csharp
[JsonPropertyName("TaskPlanName")]
public string? TaskPlanName { get; set; }
```

Property Value

[string](#)

TaskProjectID

```csharp
[JsonPropertyName("TaskProjectID")]
public int? TaskProjectID { get; set; }
```

Property Value

[int](#)?

TaskProjectName

```csharp
[JsonPropertyName("TaskProjectName")]
public string? TaskProjectName { get; set; }
```

Property Value

[string](#)

TaskStartDate

```csharp
[JsonPropertyName("TaskStartDate")]
public DateTime? TaskStartDate { get; set; }
```

Property Value

[DateTime](#)?

TaskTitle

```
[JsonPropertyName("TaskTitle")]
public string? TaskTitle { get; set; }
```

Property Value

[string](#)

Tasks

```
[JsonPropertyName("Tasks")]
public List<object>? Tasks { get; set; }
```

Property Value

[List](#)<[object](#)>

TimeBudget

```
[JsonPropertyName("TimeBudget")]
public double? TimeBudget { get; set; }
```

Property Value

[double](#)?

TimeBudgetUsed

```
[JsonPropertyName("TimeBudgetUsed")]
public double? TimeBudgetUsed { get; set; }
```

Property Value

[double](#)?

Title

```
[JsonPropertyName("Title")]
public string? Title { get; set; }
```

Property Value

[string](#)

TypeCategoryID

```
[JsonPropertyName("TypeCategoryID")]
public int? TypeCategoryID { get; set; }
```

Property Value

[int](#)?

TypeCategoryName

```
[JsonPropertyName("TypeCategoryName")]
public string? TypeCategoryName { get; set; }
```

Property Value

[string](#)

TypeID

```
[JsonPropertyName("TypeID")]
```

```
public int? TypeID { get; set; }
```

Property Value

[int](#)?

TypeName

```
[JsonPropertyName("TypeName")]
public string? TypeName { get; set; }
```

Property Value

[string](#)

UrgencyID

```
[JsonPropertyName("UrgencyID")]
public int? UrgencyID { get; set; }
```

Property Value

[int](#)?

UrgencyName

```
[JsonPropertyName("UrgencyName")]
public string? UrgencyName { get; set; }
```

Property Value

[string](#)

Uri

```
[JsonPropertyName("Uri")]
public string? Uri { get; set; }
```

Property Value

[string](#)

WorkflowConfigurationID

```
[JsonPropertyName("WorkflowConfigurationID")]
public int? WorkflowConfigurationID { get; set; }
```

Property Value

[int](#)?

WorkflowID

```
[JsonPropertyName("WorkflowID")]
public int? WorkflowID { get; set; }
```

Property Value

[int](#)?

WorkflowName

```
[JsonPropertyName("WorkflowName")]
public string? WorkflowName { get; set; }
```

Property Value

[string](#)

Namespace Itsm.Tdx.WebApi.Tickets.Options

Classes

[TicketCreateOptions](#)

    Represents optional parameters that can be applied when creating a ticket via the TeamDynamix API. These options are serialized into query string parameters.

Class TicketCreateOptions

Namespace: <u>Itsm</u>.<u>Tdx</u>.<u>WebApi</u>.<u>Tickets</u>.<u>Options</u>

Assembly: Itsm.Tdx.WebApi.dll

Represents optional parameters that can be applied when creating a ticket via the TeamDynamix API. These options are serialized into query string parameters.

```
public class TicketCreateOptions
```

Inheritance

<u>object</u>↗ ← TicketCreateOptions

Inherited Members

<u>object.Equals(object)</u>↗ , <u>object.Equals(object, object)</u>↗ , <u>object.GetHashCode()</u>↗ , <u>object.GetType()</u>↗ , <u>object.MemberwiseClone()</u>↗ , <u>object.ReferenceEquals(object, object)</u>↗ , <u>object.ToString()</u>↗

Properties

AllowRequestorCreation

Gets or sets a value indicating whether to allow creation of the requestor if they do not already exist.

```
public bool AllowRequestorCreation { get; set; }
```

Property Value

<u>bool</u>↗

ApplyDefaults

Gets or sets a value indicating whether to apply default values to the ticket.

```
public bool ApplyDefaults { get; set; }
```

Property Value

EnableNotifyReviewer

Gets or sets a value indicating whether to enable notifications to the reviewer.

```
public bool EnableNotifyReviewer { get; set; }
```

Property Value

bool⧉

NotifyRequestor

Gets or sets a value indicating whether to notify the requestor.

```
public bool NotifyRequestor { get; set; }
```

Property Value

bool⧉

NotifyResponsible

Gets or sets a value indicating whether to notify the person responsible for the ticket.

```
public bool NotifyResponsible { get; set; }
```

Property Value

bool⧉

PreferRequestorAccountAndPriority

Gets or sets a value indicating whether to prefer the requestor's account and priority over defaults.

```
public bool PreferRequestorAccountAndPriority { get; set; }
```

Property Value

[bool⧉](#)

Methods

ToQueryString()

Converts the current options to a URL query string suitable for appending to an HTTP request.

```
public string ToQueryString()
```

Returns

[string⧉](#)

A query string representation of the ticket creation options.