Infor VISUAL API Toolkit Shared Library Reference

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About this guide

This guide describes the objects available for use in the Infor VISUAL API Toolkit Shared library.

NOTE: This class library exposes classes and methods that are not compatible with the VISUAL API Toolkit. Only the classes and methods specifically described in this document are compatible. The use of any class or method that is not described in this document is not supported.

Intended audience

The intended audience of this guide is developers who are using the API Toolkit to extend the VISUAL solution.

Contacting Support

If you have questions about Infor products, go to the Infor Customer Portal at https://customerportal.infor.com/csmcore/

If we update this document after the product release, we will post the new version on this Web site. We recommend that you check this Web site periodically for updated documentation.

If you have comments about Infor documentation, contact https://docs.infor.com/en-us.

Supported languages

These languages are supported for use with the toolkit:

- Visual Basic
- C#

While it is possible to use any .NET-aware programming language with the toolkit, other languages are not officially supported.

Support information

The API Toolkit will be updated regularly as more class members are added to each assembly, schema changes are made, and any reported issues are resolved. Infor Support cannot assist you with developing customized code using the API Toolkit. For assistance with customizations, contact Infor Consulting Services or your channel partner.

The functionality provided within the API Toolkit will not be extended beyond the standard functionality experienced in the VISUAL application itself. Enhancement requests with compelling business cases detailing how suggested alternatives are not viable will be evaluated and considered.

Infor is not responsible for data incorrectly entered to the database through the use of the API Toolkit. Customers must establish a full test environment to ensure that data created by APIs functions in the same manner as data created through the VISUAL interface.

Lsa.Shared Namespace

Classes

	Class	Description
	GeneralQuery	General Query. This service allows you to cause a query execution under data object control with transmission of the result set to the client side.

GeneralQuery Class

General Query. This service allows you to cause a query execution under data object control with transmission of the result set to the client side.

Inheritance Hierarchy

System.Object
  System.MarshalByRefObject
    System.ComponentModel.Component
      BusinessObject
        BusinessService
          Lsa.Shared.GeneralQuery

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
[SerializableAttribute]
public class GeneralQuery : BusinessService,
    IGeneralQuery, IDisposable
```

VB

```
<SerializableAttribute>
Public Class GeneralQuery
    Inherits BusinessService
    Implements IGeneralQuery, IDisposable
```

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

Constructors

	Name	Description
	GeneralQuery()	Constructor.
	GeneralQuery(String)	Constructor.

Methods

	Name	Description
	Execute()	Execute the specified query. All rows are returned.
	Execute(String)	Execute the specified query. All rows are returned.
	Execute(Int32, Int32)	Execute the specified query, starting at a specified row number, limited by a record count.
	Execute(String, Int32, Int32)	Execute the specified query, starting at a specified row number, limited by a record count.
	Prepare	Prepare to execute the specified query.

Properties

	Name	Description
	DataObjectType	Report types of data object associated with this business object (Overrides **BusinessObject.DataObjectType**.)
	Parameters	

See Also

- Lsa.Shared Namespace

GeneralQuery Constructor

Overload List

	Name	Description
	GeneralQuery()	Constructor.
	GeneralQuery(String)	Constructor.

See Also

GeneralQuery Class

Lsa.Shared Namespace

GeneralQuery Constructor

Constructor.

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public GeneralQuery()
```

VB

```
Public Sub New
```

See Also

GeneralQuery Class

GeneralQuery Overload

Lsa.Shared Namespace

GeneralQuery Constructor (String)

Constructor.

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public GeneralQuery(
    string databaseInstanceName
)
```

VB

```
Public Sub New (
    databaseInstanceName As String
)
```

Parameters

databaseInstanceName

Type: System.String

See Also

GeneralQuery Class

GeneralQuery Overload

Lsa.Shared Namespace

GeneralQuery.GeneralQuery Methods

The GeneralQuery type exposes the following members.

Methods

	Name	Description
	Execute()	Execute the specified query. All rows are returned.
	Execute(String)	Execute the specified query. All rows are returned.
	Execute(Int32, Int32)	Execute the specified query, starting at a specified row number, limited by a record count.
	Execute(String, Int32, Int32)	Execute the specified query, starting at a specified row number, limited by a record count.
	Prepare	Prepare to execute the specified query.

See Also

GeneralQuery Class

Lsa.Shared Namespace

GeneralQuery.Execute Method

Overload List

	Name	Description
	Execute()	Execute the specified query. All rows are returned.
	Execute(String)	Execute the specified query. All rows are returned.
	Execute(Int32, Int32)	Execute the specified query, starting at a specified row number, limited by a record count.
	Execute(String, Int32, Int32)	Execute the specified query, starting at a specified row number, limited by a record count.

See Also

- GeneralQuery Class
- Lsa.Shared Namespace

GeneralQuery.Execute Method

Execute the specified query. All rows are returned.

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public virtual void Execute()
```

VB

```
Public Overridable Sub Execute
```

Implements

IGeneralQuery.Execute()

See Also

GeneralQuery Class

Execute Overload

Lsa.Shared Namespace

GeneralQuery.Execute Method (String)

Execute the specified query. All rows are returned.

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public virtual void Execute(
    string tableName
)
```

VB

```
Public Overridable Sub Execute (
    tableName As String
)
```

Parameters

tableName

Type: System.String

Must match the table name from Prepare.

Implements

IGeneralQuery.Execute(String)

See Also

GeneralQuery Class

Execute Overload

Lsa.Shared Namespace

GeneralQuery.Execute Method (Int32, Int32)

Execute the specified query, starting at a specified row number, limited by a record count.

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public virtual void Execute(
    int startRecord,
    int maxRecords
)
```

VB

```
Public Overridable Sub Execute (
    startRecord As Integer,
    maxRecords As Integer
)
```

Parameters

startRecord

Type: System.Int32

maxRecords

Type: System.Int32

Implements

IGeneralQuery.Execute(Int32, Int32)

See Also

GeneralQuery Class

Execute Overload

Lsa.Shared Namespace

GeneralQuery.Execute Method (String, Int32, Int32)

Execute the specified query, starting at a specified row number, limited by a record count.

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public virtual void Execute(
    string tableName,
    int startRecord,
    int maxRecords
)
```

VB

```
Public Overridable Sub Execute (
    tableName As String,
    startRecord As Integer,
    maxRecords As Integer
)
```

Parameters

tableName

Type: System.String

Must match the table name from Prepare.

startRecord

Type: System.Int32

maxRecords

Type: System.Int32

Implements

IGeneralQuery.Execute(String, Int32, Int32)

See Also

- GeneralQuery Class
- Execute Overload
- Lsa.Shared Namespace

GeneralQuery.Prepare Method

Prepare to execute the specified query.

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public virtual void Prepare(
    string tableName,
    string sqlCommand
)
```

VB

```
Public Overridable Sub Prepare (
    tableName As String,
    sqlCommand As String
)
```

Parameters

tableName

Type: System.String

sqlCommand

Type: System.String

Implements

IGeneralQuery.Prepare(String, String)

See Also

GeneralQuery Class

Lsa.Shared Namespace

GeneralQuery.GeneralQuery Properties

The GeneralQuery type exposes the following members.

Properties

	Name	Description
	DataObjectType	Report types of data object associated with this business object (Overrides **BusinessObject.DataObjectType**.)
	Parameters	

See Also

GeneralQuery Class

Lsa.Shared Namespace

GeneralQuery.DataObjectType Property

Report types of data object associated with this business object

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public override Type DataObjectType { get; }
```

VB

```
Public Overrides ReadOnly Property DataObjectType As Type
    Get
```

Property Value

Type: Type

See Also

GeneralQuery Class

Lsa.Shared Namespace

GeneralQuery.Parameters Property

Namespace: Lsa.Shared
Assembly: LsaShared (in LsaShared.dll) Version: 8.1.0.0 (8.1.0.0)

Syntax

C#

```
public ParameterCollection Parameters { get; }
```

VB

```
Public ReadOnly Property Parameters As ParameterCollection
    Get
```

Property Value

Type: **ParameterCollection**

Implements

IGeneralQuery.Parameters

See Also

GeneralQuery Class

Lsa.Shared Namespace