

Interface Description

ServiceBg_REST



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TecAlliance GmbH

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Module Details

1. GraphicsController

1.1. Prerequisites

Some of the html documents could contain graphics in the .SVG format. So the system requirements for viewing html documents are: MS Internet Explorer v. 9.0 and higher
Mozilla Firefox 15 and higher

1.2. Sequence Of Calls

First of all, you should check whether there are any body graphics available for the selected vehicle. To perform this check, you simply call the method [VehicleHasGraphics](#) .

To get the topic tree of the module body graphics, call the method [ManualList](#) which will provide a list with the requested information. The required body parameter can be obtained by calling the [BodiesForGraphics](#) method.

To build an HTML based navigation, call the appropriate methods [VehicleHtml](#) , [MaingroupHtml](#) and [SubgroupHtml](#) .

1.3. Summary

Area [RestRMI.Areas.Bg.Controllers.GraphicsController](#) provides the web service methods for the part invoicing. Select here main group, subgroup and component by clicking onto graphic or texts.

1.4. Detailed Module Documentation

1.4.1. Properties

- **HttpContext ActionContext**
No description available
- **HttpConfiguration Configuration**
No description available
- **HttpContext ControllerContext**
No description available
- **string Ip**
Gets the IP.
- **ModelStateDictionary ModelState**
No description available
- **HttpRequestMessage Request**
No description available

- HttpContext RequestContext

No description available

- UrlHelper Url

No description available

- IPPrincipal User

No description available

1.4.2. Methods

- bool VehicleHasGraphics(VehicleHasGraphicsMsg input)

Checks whether the vehicle has body graphics data.

Parameter

input - Instance of the message class VehicleHasGraphicsMsg.

Returns

true - if body graphics data exists; otherwise false.

- IEnumerable<BgQualCol> BodiesForGraphics(BodiesForGraphicsMsg input)

Delivers a country specific list including all existing body qualifier collections for the type id in the selected language.

Parameter

input - Instance of the message class BodiesForGraphicsMsg.

Returns

The body graphics bodies.

- IEnumerable<BgMainGroup> ManualList(ManualListMsg input)

Gets the body graphics list.

Parameter

input - Instance of the message class ManualListMsg.

Returns

The topic tree for the part body graphics.

- string VehicleHtml(VehicleHtmlMsg input)

Delivers a country specific string which contains the HTML lines for a body graphics vehicle overview HTML file.

Parameter

input - Instance of the message class VehicleHtmlMsg.

Returns

A string which contains the HTML document.

- string MaingroupHtml(MaingroupHtmlMsg input)

Delivers a country specific string which contains the HTML lines for a body graphics main group HTML file.

Parameter

input - Instance of the message class MaingroupHtmlMsg.

Returns

A string which contains the HTML document.

- IEnumerable<BgQualCol> SubGroupQuals(SubGroupQualsMsg input)

Gets the sub group qualifier collection in the given language for the given vehicle, country and main group.

Parameter

input - Instance of the message class SubGroupQualsMsg.

Returns

A collection containing the sub group qualifier collection.

- string SubgroupHtml(SubgroupHtmlMsg input)

Delivers a country specific string which contains the HTML lines for a body graphics sub group HTML file.

Parameter

input - Instance of the message class SubgroupHtmlMsg.

Returns

A string which contains the HTML document.

- IEnumerable<TmlItemMp> LinkedTechnicalManuals(LinkedTechnicalManualsMsg input)

Delivers a county specific list of technical manuals that are associated with the given item.

Parameter

input - Instance of the message class LinkedTechnicalManualsMsg.

Returns

The linked technical manuals.

- IEnumerable<AdlItemMp> LinkedAdjustmentData(LinkedAdjustmentDataMsg input)

Delivers a county specific list of technical data that are associated with the given item.

Parameter

input - Instance of the message class LinkedAdjustmentDataMsg.

Returns

The background linked adjustment data.

- IEnumerable<BgPaintItemMpKor> LinkedWorkPositions(LinkedWorkPositionsMsg input, bool ShowPaint)

Delivers a country specific list of work positions (item mount positions- and kind of repair ids and their texts) in the given language that are associated with the given item for the given vehicle.

Parameters

input - Instance of the message class LinkedWorkPositionsMsg.

ShowPaint - Enable Paint.

Returns

The work positions linked to the given item.

- IEnumerable<InPaintPartSetItemMp> LinkedSpareParts(LinkedSparePartsMsg input, bool ShowPaint)

Delivers a country specific list of spare parts that are associated with the given item. It is possible that for an item there are more than one part sets founded differing by their part qualifier collections.

Parameters

input - Instance of the message class LinkedSparePartsMsg.

ShowPaint - Enable Paint.

Returns

The linked spare parts.

- string PreselectedData(PreselectedDataMsg input)

Gets a string which can be passed to the javascript method highlightLinked to highlight the parts which are previously selected.

Parameter

input - Instance of the message class PreselectedDataMsg.

Returns

The parameter string for the javascript method highlightLinked.

Example

```
string link = this.Lib.GetBgPreselectedData(...);
```

```
return string.Format("javascript:highlightLinked('{0}');", link);
```

- **string VehicleImage(VehicleImageMsg input)**

Returns a Base64 encoded byte array which contains the requested body graphics vehicle overview image.

Parameter

input - Instance of the message class VehicleImageMsg.

Returns

A Base64 encoded string containing a byte array representation of the requested image.

- **string MaingroupImage(MaingroupImageMsg input)**

Returns a Base64 encoded byte array which contains the requested body graphics main group image.

Parameter

input - Instance of the message class MaingroupImageMsg.

Returns

A Base64 encoded string containing a byte array representation of the requested image.

- **string SubgroupImage(SubgroupImageMsg input)**

Returns a Base64 encoded byte array which contains the requested body graphics sub group image.

Parameter

input - Instance of the message class SubgroupImageMsg.

Returns

A Base64 encoded string containing a byte array representation of the requested image.

- **HttpResponseMessage JavaScriptCode(JavaScriptCodeMsg input)**

Gets java script code used by the body graphics HTML and SVG documents.

Returns

The body graphics java script code.

- **bool VehicleHasGraphicsGenArt(VehicleHasGraphicsGenArtMsg input)**

Checks whether the vehicle has TecDoc body graphics data.

Parameter

input - Instance of the message class VehicleHasGraphicsGenArtMsg.

Returns

true - if body graphics data exists; otherwise false.

- IEnumerable<BgQualCol> BodiesForGraphicsGenArt(BodiesForGraphicsGenArtMsg input)

returns the TecRMI kind of vehicle body for a given TecDoc kind of vehicle body.

Parameter

input - Instance of the message class BodiesForGraphicsGenArtMsg.

Returns

List of TecRMI kind of vehicle body.

- IEnumerable<BgMainGroupTecDoc> GenArtManualList(GenArtManualListMsg input)

Gets the body graphics list based on given TecDoc generic article numbers.

Parameter

input - Instance of the message class GenArtManualListMsg.

Returns

The topic tree for the part TecDoc body graphics.

- string GenArtVehicleHtml(GenArtVehicleHtmlMsg input)

Delivers a country specific string which contains the HTML lines for a body graphics vehicle overview HTML file based on the given TecDoc generic article numbers.

Parameter

input - Instance of the message class GenArtVehicleHtmlMsg.

Returns

A string which contains the HTML document.

- string GenArtVehicleImage(GenArtVehicleImageMsg input)

Returns a Base64 encoded byte array which contains the requested body graphics vehicle overview image filtered by the passed list of TecDoc generic articles.

Parameter

input - Instance of the message class VehicleImageMsg.

Returns

A Base64 encoded string containing a byte array representation of the requested image filtered by the passed list of GenArts.

- string GenArtMaingroupHtml([GenArtMaingroupHtmlMsg](#) input)

Delivers a country specific string which contains the HTML lines for a body graphics main group HTML file based on the given TecDoc generic article numbers.

Parameter

input - Instance of the message class GenArtMaingroupHtmlMsg.

Returns

A string which contains the HTML document.

- string GenArtMaingroupImage([GenArtMaingroupImageMsg](#) input)

Returns a Base64 encoded byte array which contains the requested body graphics main group image filtered by the passed list of TecDoc generic articles.

Parameter

input - Instance of the message class GenArtMaingroupImageMsg.

Returns

A Base64 encoded string containing a byte array representation of the requested image filtered by the passed list of GenArts.

- IEnumerable<[BgQualCol](#)> GenArtSubGroupQuals([GenArtSubGroupQualsMsg](#) input)

Gets the sub group qualifier collection in the given language for the given vehicle, country and main group.

Parameter

input - Instance of the message class GenArtSubGroupQualsMsg.

Returns

A collection containing the sub group qualifier collection.

- string GenArtSubgroupHtml([GenArtSubgroupHtmlMsg](#) input)

Delivers a country specific string which contains the HTML lines for a body graphics sub group HTML file based on the given TecDoc generic article numbers.

Parameter

input - Instance of the message class GenArtSubgroupHtmlMsg.

Returns

A string which contains the HTML document.

- string GenArtSubgroupImage([GenArtSubgroupImageMsg](#) input)

Returns a Base64 encoded byte array which contains the requested body graphics sub group image filtered by the passed list of TecDoc generic articles.

Parameter

input - Instance of the message class GenArtSubgroupImageMsg.

Returns

A Base64 encoded string containing a byte array representation of the requested image filtered by the passed list of GenArts.

- IEnumerable<BgItemMpGenArt> LinkedGenArt(LinkedGenArtMsg input)

Delivers a list of TecDoc generic article numbers for the given TecRMI ItemMpld's.

Parameter

input - Instance of the message class LinkedGenArtMsg.

Returns

A list which contains the linked TecDoc generic article numbers.

Object Model

1. AdItemMp

1.1. Summary

Represents an item mount position of the adjustment data topic tree. In the topic tree hierarchy, item mount positions are children of sub groups. The same item mount position might also be a child of several different sub groups making the topic tree rather a directed acyclic graph than a tree.

1.2. Detailed Module Documentation

1.2.1. Properties

- **bool InfoDataExists**

Gets or sets a value indicating whether there are information data existing for this item mount position.

The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- **bool IsLocked**

Gets or sets a value indicating whether access to this item mount position is denied.

Property-Value

true if this item mount position is locked; otherwise, false.

- **int ItemMpld**

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- **string ItemMplImageName**

Gets or sets the name of the item mount position image.

Property-Value

The the item mount position image name.

- **string ItemMpText**

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- **int SortOrder**

Gets or sets the order number of this topic item mount position. A collection of topic item mount position will be sorted against this number.

Property-Value

The sort order.

2. BgltemMp

2.1. Summary

Represents an item mount position for the body graphics topic tree. In the topic tree hierarchy, item mount positions are children of sub groups. The same item mount position might also be a child of several different sub groups making the topic tree rather a directed acyclic graph than a tree.

2.2. Detailed Module Documentation

2.2.1. Properties

- **bool InfoDataExists**

Gets or sets a value indicating whether there are information data existing for this item mount position.

The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- **bool IsLocked**

Gets or sets a value indicating whether access to this item mount position is denied.

Property-Value

true if this item mount position is locked; otherwise, false.

- **int ItemMpld**

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- **string ItemMplImageName**

Gets or sets the name of the item mount position image.

Property-Value

The the item mount position image name.

- **string ItemMpText**

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- **int SortOrder**

Gets or sets the order number of this topic item mount position. A collection

of topic item mount position will be sorted against this number.

Property-Value

The sort order.

3. BglItemMpGenArt

3.1. Summary

Represents an item mount position along with a generic article for TecDoc body graphics.

3.2. Detailed Module Documentation

3.2.1. Properties

- int GenArtNo

Gets or sets the generic article number.

Property-Value

The generic article number.

- Nullable<Int32> GenCritNo

Gets or sets the generic criterion number.

Property-Value

The generic criterion number.

- string GenCritValue

Gets or sets the generic criterion value.

Property-Value

The generic criterion value.

- int ItemMpld

Gets or sets the item mount position id.

Property-Value

The item mount position id.

4. BglItemMpTecDoc

4.1. Summary

A BglItemMp for TecDoc generic article numbers.

4.2. Detailed Module Documentation

4.2.1. Properties

- List<[BglItemMpGenArt](#)> GenArts

Gets or sets the list of TecDoc generic article numbers.

Property-Value

Generic article numbers has the following parameters: GenArtNr, GenKritNr, GenKritValue.

- **bool InfoDataExists**

Gets or sets a value indicating whether there are information data existing for this item mount position.

The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- **bool IsLocked**

Gets or sets a value indicating whether access to this item mount position is denied.

Property-Value

true if this item mount position is locked; otherwise, false.

- **int ItemMpld**

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- **string ItemMplImageName**

Gets or sets the name of the item mount position image.

Property-Value

The the item mount position image name.

- **string ItemMpText**

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- **int SortOrder**

Gets or sets the order number of this topic item mount position. A collection of topic item mount position will be sorted against this number.

Property-Value

The sort order.

5. BgMainGroup

5.1. Summary

Represents a main group for the body graphic topic tree. In the topic tree hierarchy, main groups are on the topmost level. Each main group may have several sub groups as children.

5.2. Detailed Module Documentation

5.2.1. Properties

- **bool InfoDataExists**

Gets or sets a value indicating whether there are information data existing for this main group.

The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- **int MainGroupId**

Gets or sets the id of the main group.

Property-Value

The main group id.

- **string MainGroupImage**

Gets or sets the image of the main group.

Property-Value

The main group image.

- **string MainGroupName**

Gets or sets the name of the main group.

Property-Value

The the main group name.

- **int SortOrder**

Gets or sets the order number of this main group. A collection of main groups will be sorted against this number.

Property-Value

The sort order.

- **List<BgSubGroup> SubGroups**

Gets or sets a collection of sub groups which belongs to this main group.

Property-Value

The sub groups.

6. BgMainGroupTecDoc

6.1. Summary

A BgMainGroup for TecDoc generic article numbers.

6.2. Detailed Module Documentation

6.2.1. Properties

- **bool InfoDataExists**

Gets or sets a value indicating whether there are information data existing for this main group.

The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- **int MainGroupId**

Gets or sets the id of the main group.

Property-Value

The main group id.

- **string MainGroupImage**

Gets or sets the image of the main group.

Property-Value

The main group image.

- **string MainGroupName**

Gets or sets the name of the main group.

Property-Value

The the main group name.

- **int SortOrder**

Gets or sets the order number of this main group. A collection of main groups will be sorted against this number.

Property-Value

The sort order.

- **List<BgSubGroupTecDoc> SubGroups**

Gets or sets a collection of sub groups which belongs to this main group.

Property-Value

The sub groups.

7. BgPaintItemMpKor

7.1. Summary

Represents an item mount position along with a kind of repair of the body graphics topic tree.

7.2. Detailed Module Documentation

7.2.1. Properties

- **bool InfoDataExists**

Gets or sets a value indicating whether there are information data existing for this item mount position.

The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- **bool IsLocked**

Gets or sets a value indicating whether access to this item mount position is denied.

Property-Value

true if this item mount position is locked; otherwise, false.

- **bool IsPaintAllowed**

Determines if this item mount position along with a kind of repair for labour times can be passed to paint.

Remarks

If this property returns true, then the method 'IAuDaLib.GetPaintWorkStepSettings' can be called with the corresponding parameters.

- **int ItemMplId**

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- **string ItemMplImageName**

Gets or sets the name of the item mount position image.

Property-Value

The the item mount position image name.

- **string ItemMpText**

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- **int KorId**

Gets or sets the id of the kind of repair.

Property-Value

The kind of repair id.

- **string KorImageName**

Gets or sets the image name of the kind of repair.

Property-Value

The image name of the kind of repair.

- string KorText

Gets or sets the text of the kind of repair.

Property-Value

The kind of repair text.

- int SortOrder

Gets or sets the order number of this topic item mount position. A collection of topic item mount position will be sorted against this number.

Property-Value

The sort order.

7.2.2. Methods

- bool Equals(BgPaintItemMpKor other)

Tests if this BgItemMpKor is considered equal to another.

Parameter

other - The background item mp kor to compare to this instance.

Returns

true if the objects are considered equal, false if they are not.

- int GetHashCode()

Returns a hash code for this instance.

Returns

A hash code for this instance, suitable for use in hashing algorithms and data structures like a hash table.

8. BgQualCol

8.1. Summary

Represents a qualifier collection for body graphic. In general, the qualifier collection delivers a further differentiation for an item (in this case a vehicle type). Vehicle types may have different bodies (e.g. 3-door, 5-door) that can be referenced by the qualifier collection.

8.2. Detailed Module Documentation

8.2.1. Properties

- bool IsLocked

Gets or sets a value indicating whether access to this qualifier collection is denied.

Property-Value

true if this qualifier collection is locked; otherwise, false.

- **int QualCollId**

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

- **string QualColText**

Gets or sets the text of the qualifier collection.

Property-Value

The qualifier collection text.

9. BgSubGroup

9.1. Summary

Represents a sub group of the body graphic topic tree. In the topic tree hierarchy, sub groups are children of main groups. The same sub group might also be a child of several different main groups making the topic tree rather a directed acyclic graph than a tree. Each sub group may have several item mount positions as children.

9.2. Detailed Module Documentation

9.2.1. Properties

- **bool InfoDataExists**

Gets or sets a value indicating whether there are information data existing for this sub group. The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- **List<BglItemMp> ItemMps**

Gets or sets a collection of item mount positions which belongs to this sub group.

Property-Value

The item mount positions.

- **int SortOrder**

Gets or sets the order number of this sub group. A collection of sub groups will be sorted against this number.

Property-Value

The sort order.

- int SubGroupId

Gets or sets the id of the sub group.

Property-Value

The sub group id.

- string SubGroupImage

Gets or sets the sub group image.

Property-Value

The sub group image.

- string SubGroupName

Gets or sets the name of the sub group.

Property-Value

The sub group name.

- int SubGroupQualCollId

Gets or sets the id of the sub group qualifier collection.

Property-Value

The sub group qualifier collection id.

- string SubGroupQualifier

Gets or sets the sub group qualifier.

Property-Value

The sub group qualifier.

10. BgSubGroupTecDoc

10.1. Summary

A BgSubGroup for TecDoc generic article numbers.

10.2. Detailed Module Documentation

10.2.1. Properties

- bool InfoDataExists

Gets or sets a value indicating whether there are information data existing for this sub group. The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- List<BgItemMpTecDoc> ItemMps

Gets or sets a collection of item mount positions which belongs to this sub group.

Property-Value

The item mount positions.

- int SortOrder

Gets or sets the order number of this sub group. A collection of sub groups will be sorted against this number.

Property-Value

The sort order.

- int SubGroupId

Gets or sets the id of the sub group.

Property-Value

The sub group id.

- string SubGroupImage

Gets or sets the sub group image.

Property-Value

The sub group image.

- string SubGroupName

Gets or sets the name of the sub group.

Property-Value

The sub group name.

- int SubGroupQualCollId

Gets or sets the id of the sub group qualifier collection.

Property-Value

The sub group qualifier collection id.

- string SubGroupQualifier

Gets or sets the sub group qualifier.

Property-Value

The sub group qualifier.

11. BodiesForGraphicsGenArtMsg

11.1. Summary

Class [RestRMI.Areas.Bg.Models.BodiesForGraphicsGenArtMsg](#) contains the properties which are necessary to call the web service module check methods.

11.2. Detailed Module Documentation

11.2.1. Properties

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **Nullable<Int32> TecDocBodyId**

Gets or sets the identifier of the tec document body.

Property-Value

The identifier of the tec document body.

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique. The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

12. BodiesForGraphicsMsg

12.1. Summary

Class [RestRMI.Areas.Bg.Models.BodiesForGraphicsMsg](#) contains the properties which are necessary to call web service methods `BodiesForGraphics(BodiesForGraphicsMsg)`,

12.2. Detailed Module Documentation

12.2.1. Properties

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

13. GenArtMaingroupHtmlMsg

13.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtMaingroupHtmlMsg](#) contains the properties which are necessary to call the web service methods `GenArtMaingroupHtml(GenArtMaingroupHtmlMsg)`.

13.2. Detailed Module Documentation

13.2.1. Properties

- int BodyQualCollId

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- List<[BglItemMpGenArt](#)> GenericArticles

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are `GenArtNo`, `GenCritNo`, `GenCritValue`

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- string LinkUrl

Gets or sets the link url. The actual link information is going to be added at the end of this url.

It is used where documents contains links to other and are shown in custom application.

Property-Value

The link url.

Example

```
LinkUrl = "http://localhost/" // -> Generated link in documents:  
http://localhost/Ⓟ1234Ⓟ;
```

- int MainGroupId

Gets or sets the TecRMI topic main group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic main group id.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

14. GenArtMaingroupImageMsg

14.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtMaingroupImageMsg](#) contains the properties which are necessary to call the web service methods `GenArtMaingroupImage(GenArtMaingroupImageMsg)`.

14.2. Detailed Module Documentation

14.2.1. Properties

- int BodyQualifierId

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **List<BglItemMpGenArt> GenericArticles**

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are generic article number (GenArtNo), generic article criterion (GenCritNo) and generic article criterion value (GenCritValue)

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int MainGroupId**

Gets or sets the TecRMI topic main group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic main group id.

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

15. GenArtManualListMsg

15.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtManualListMsg](#) contains the properties which are necessary to call the web service methods `GenArtManualList(GenArtManualListMsg)`.

15.2. Detailed Module Documentation

15.2.1. Properties

- **int BodyQualColId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- List<BgItemMpGenArt> GenericArticles

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are GenArtNo, GenCritNo, GenCritValue

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

16. GenArtSubgroupHtmlMsg

16.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtSubgroupHtmlMsg](#) contains the properties which are necessary to call the web service methods [GenArtSubgroupHtml\(GenArtSubgroupHtmlMsg\)](#).

16.2. Detailed Module Documentation

16.2.1. Properties

- int BodyQualCollId

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- List<BgItemMpGenArt> GenericArticles

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are GenArtNo, GenCritNo, GenCritValue

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- string LinkUrl

Gets or sets the link url. The actual link information is going to be added at the end of this url.

It is used where documents contains links to other and are shown in custom application.

Property-Value

The link url.

Example

```
LinkUrl = "http://localhost/" // -> Generated link in documents:
```

```
http://localhost/Ð1234Ð;
```

- int SubGroupId

Gets or sets the TecRMI topic sub group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic sub group id.

- int SubGroupQualCol

Gets or sets the sub group qualifier collection.

Property-Value

The sub group qualifier collection.

- int Typeld

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

17. GenArtSubgroupImageMsg

17.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtSubgroupImageMsg](#) contains the properties which are necessary to call the web service methods `GenArtSubgroupImage(GenArtSubgroupImageMsg)`.

17.2. Detailed Module Documentation

17.2.1. Properties

- int BodyQualColld

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- List<[BgItemMpGenArt](#)> GenericArticles

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are generic article number (`GenArtNo`), generic article criterion (`GenCritNo`) and generic article criterion value (`GenCritValue`)

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- int SubGroupId

Gets or sets the TecRMI topic sub group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic sub group id.

- int SubGroupQualCol

Gets or sets the sub group qualifier which identified the variant of the sub group image.

This id can be fetched by using SubGroupQuals(SubGroupQualsMsg)" webservice method.

Property-Value

The sub group qualifier collection.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

18. GenArtSubGroupQualsMsg

18.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtSubGroupQualsMsg](#) contains the properties which are necessary to call the web service methods GenArtSubGroupQuals(GenArtSubGroupQualsMsg).

18.2. Detailed Module Documentation

18.2.1. Properties

- int BodyQualColId

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- List<BglItemMpGenArt> GenericArticles

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are GenArtNo, GenCritNo, GenCritValue

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- int SubGroupId

Gets or sets the TecRMI topic sub group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic sub group id.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

19. GenArtVehicleHtmlMsg

19.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtVehicleHtmlMsg](#) contains the properties which are necessary to call the web service methods `GenArtVehicleHtml(GenArtVehicleHtmlMsg)`.

19.2. Detailed Module Documentation

19.2.1. Properties

- int BodyQualColId

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **List<BglItemMpGenArt> GenericArticles**

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are GenArtNo, GenCritNo, GenCritValue

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **string LinkUrl**

Gets or sets the link url. The actual link information is going to be added at the end of this url.

It is used where documents contains links to other and are shown in custom application.

Property-Value

The link url.

Example

```
LinkUrl = "http://localhost/" // -> Generated link in documents:
```

```
http://localhost/Ð1234Ð;
```

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

20. GenArtVehicleImageMsg

20.1. Summary

Class [RestRMI.Areas.Bg.Models.GenArtVehicleImageMsg](#) contains the properties which are necessary to call the web service methods [GenArtVehicleImage\(GenArtVehicleImageMsg\)](#).

20.2. Detailed Module Documentation

20.2.1. Properties

- **int BodyQualColId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **List<BgItemMpGenArt> GenericArticles**

Gets or sets the list of TecDoc generic article numbers

Property-Value

The TecDoc generic article parameters are generic article number (GenArtNo), generic article criterion (GenCritNo) and generic article criterion value (GenCritValue)

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

21. InPaintPartData

21.1. Summary

Represents part data for IN.

21.2. Detailed Module Documentation

21.2.1. Properties

- **List<InPartAmount> Amounts**

Gets or sets a list of part amounts.

Property-Value

The amounts.

- string Currency

Gets or sets the currency.

Property-Value

The currency.

- bool IsCustomPartPrice

Gets or sets a value indicating whether the part price is user defined by material factor greater than 1.

Property-Value

true if the part price is user defined by material factor greater than 1, false if not.

- bool IsLocked

Gets or sets a value indicating whether access to this part is denied.

Property-Value

true if this part is locked; otherwise, false.

- bool IsNotToOrder

Gets or sets a value indicating whether this part set qualifier collection is not to order.

Property-Value

true if this part set qualifier collection is not to order; otherwise, false.

- int ItemMpld

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- string ItemMpText

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- KindOfPart KindOfPart

Gets or sets the kind of part.

Property-Value

The kind of part.

- int PartId

Gets or sets the part id.

Property-Value

The part id.

- string PartNo

Gets or sets the part number.

Property-Value

The part number.

- Nullable<Decimal> PartPrice

Gets or sets the part price.

Property-Value

The part price.

- DateTime PartPriceDate

Gets or sets the part price date.

Property-Value

The part price date.

- string PartPriceSupplier

Gets or sets the part price supplier.

Property-Value

The part price supplier.

- int PartQualCollId

Gets or sets the part qualifier collection id.

Property-Value

The part qualifier collection id.

- string PartQualColText

Gets or sets the part qualifier collection text.

Property-Value

The part qualifier collection text.

22. InPaintPartSetItemMp

22.1. Summary

Represents a item mount position of a part set for the invoice part.

22.2. Detailed Module Documentation

22.2.1. Properties

- bool IsLocked

Gets or sets a value indicating whether access to this part set item mount position is denied.

Property-Value

true if this part set item mount position is locked; otherwise, false.

- **int ItemMpld**

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- **string ItemMpText**

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- **List<InPaintPartSetQualCol> PartSetQualCols**

Gets or sets the qualifier collections of the part set.

Property-Value

The part set qualifier collections.

- **Nullable<Int32> WorkId**

Gets or sets the id of the work position.

Property-Value

The work id.

23. InPaintPartSetQualCol

23.1. Summary

Represents a part set qualifier collection for IN

23.2. Detailed Module Documentation

23.2.1. Properties

- **bool IsNotToOrder**

Former parameter for indicating whether this part set qualifier collection is not to order. Parameter is moved to class InPartData. The value will always be false.

Deprecated:

Parameter is moved to class InPartData. The value of this parameter will further always be false.

Property-Value

true if this part set qualifier collection is not to order; otherwise, false.

- **bool IsSet**

Gets or sets a value indicating whether this part set qualifier collection is set.

Property-Value

true if this part set qualifier collection is set; otherwise, false.

- **List<InPaintPartData> Parts**

Gets or sets a list with parts.

Property-Value

The parts.

- **int QualCollId**

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

- **string QualColText**

Gets or sets the text of the qualifier collection.

Property-Value

The qualifier collection text.

- **int SetPartId**

Gets or sets the set part id.

Property-Value

The set part id.

24. InPartAmount

24.1. Summary

Represents a part amount for IN.

24.2. Detailed Module Documentation

24.2.1. Properties

- **Nullable<Decimal> Amount**

Gets or sets the amount.

Property-Value

The amount.

- **bool IsOnlyForReference**

Gets or sets a value indicating whether this instance is only for reference.

Property-Value

true if this instance is only for reference; otherwise, false.

- **int ItemMpid**

Gets or sets the item mount position id.

Property-Value

The item mount position id.

- **int QualCollId**

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

- **string QualColText**

Gets or sets the text of the qualifier collection.

Property-Value

The qualifier collection text.

- **string Quantity**

Gets or sets the quantity.

Property-Value

The quantity.

25. InSelectedPartValue

25.1. Summary

Represents a selected part value for IN.

25.2. Detailed Module Documentation

25.2.1. Properties

- **int ItemMplId**

Gets or sets the item mount position id.

Property-Value

The item mount position id.

- **decimal PartAmount**

Gets or sets the part amount.

Property-Value

The part amount.

- **int PartAmountQualCollId**

Gets or sets the part amount qualifier collection id.

Property-Value

The part amount qualifier collection id.

- string PartNo

Gets or sets the part number.

Property-Value

The part number.

- decimal PartPrice

Gets or sets the part price.

Property-Value

The part price.

- int PartQualCollId

Gets or sets the part qualifier collection id.

Property-Value

The part qualifier collection id.

25.2.2. Methods

- bool Equals([InSelectedPartValue](#) obj)

Determines whether the specified object is equal to the current object.

Parameter

obj - The object to compare with the current object.

Returns

True if the specified object is equal to the current object; otherwise, false.

- int GetHashCode()

Returns a hash code for this instance.

Returns

A hash code for this instance, suitable for use in hashing algorithms and data structures like a hash table.

26. JavaScriptCodeMsg

26.1. Summary

Class [RestRMI.Areas.Bg.Models.JavaScriptCodeMsg](#) contains the properties which are necessary to call the web service methods [JavaScriptCode\(JavaScriptCodeMsg\)](#).

26.2. Detailed Module Documentation

26.2.1. Properties

- **string LinkUrl**

Gets or sets the link URL.

The actual link information is going to be added at the end of this url.

Property-Value

The link URL.

27. KindOfWorkTimeData

27.1. Summary

Enum **KindOfWorkTimeData** specifies the kinds of work time data. In other words this enumeration determines the unit a work time has.

27.2. Detailed Module Documentation

27.2.1. Enums

- **DecimalWorkHours**

The work time is displayed in decimal work hours.

- **ManufacturerWorkPositions**

The work time is displayed in manufacturer work time units.

28. LinkedAdjustmentDataMsg

28.1. Summary

Class [RestRMI.Areas.Bg.Models.LinkedAdjustmentDataMsg](#) contains the properties which are necessary to call the web service methods `LinkedAdjustmentData(LinkedAdjustmentDataMsg)`.

28.2. Detailed Module Documentation

28.2.1. Properties

- **int BodyQualColId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- int ItemGroupId

Gets or sets the id of one part shown on the sub group picture.

It is used to fetch further information about this part like
linked technical manuals or work positions.

Property-Value

The item group id.

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

29. LinkedGenArtMsg

29.1. Summary

Class [RestRMI.Areas.Bg.Models.LinkedGenArtMsg](#) contains the properties which are necessary to call the web service methods `LinkedGenArt(LinkedGenArtMsg)`.

29.2. Detailed Module Documentation

29.2.1. Properties

- int ItemGroupId

Gets or sets a list of identifiers of the part item mps.

Property-Value

A list of identifiers of the part item mps.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique. The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

30. LinkedSparePartsMsg

30.1. Summary

Class [RestRMI.Areas.Bg.Models.LinkedSparePartsMsg](#) contains the properties which are necessary to call the web service methods `LinkedSpareParts(LinkedSparePartsMsg)`.

30.2. Detailed Module Documentation

30.2.1. Properties

- **int BodyQualColId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **int ItemGroupId**

Gets or sets the id of one part shown on the sub group picture.

It is used to fetch further information about this part like linked technical manuals or work positions.

Property-Value

The item group id.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int TypId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

31. LinkedTechnicalManualsMsg

31.1. Summary

Class [RestRMI.Areas.Bg.Models.LinkedTechnicalManualsMsg](#) contains the properties which are necessary to call web service methods `LinkedTechnicalManuals(LinkedTechnicalManualsMsg)`.

31.2. Detailed Module Documentation

31.2.1. Properties

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **int ItemGroupId**

Gets or sets the id of one part shown on the sub group picture.

It is used to fetch further information about this part like
linked technical manuals or work positions.

Property-Value

The item group id.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

32. LinkedWorkPositionsMsg

32.1. Summary

Class [RestRMI.Areas.Bg.Models.LinkedWorkPositionsMsg](#) contains the properties which are necessary to call the web service methods `LinkedWorkPositions(LinkedWorkPositionsMsg)`.

32.2. Detailed Module Documentation

32.2.1. Properties

- **int BodyQualColld**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **int ItemGroupld**

Gets or sets the id of one part shown on the sub group picture.

It is used to fetch further information about this part like linked technical manuals or work positions.

Property-Value

The item group id.

- **KindOfWorkTimeData KindOfWorkTime**

Gets or sets an enum value indicates which unit the work time in the result should have.

Property-Value

The kind of unit of the work time.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int Typeld**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

33. MaingroupHtmlMsg

33.1. Summary

Class [RestRMI.Areas.Bg.Models.MaingroupHtmlMsg](#) contains the properties which are necessary to call the web service methods `MaingroupHtml(MaingroupHtmlMsg)`.

33.2. Detailed Module Documentation

33.2.1. Properties

- **int BodyQualColId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **string LinkUrl**

Gets or sets the link url. The actual link information is going to be added at the end of this url.

It is used where documents contains links to other and are shown in custom application.

Property-Value

The link url.

Example

```
LinkUrl = "http://localhost/" // -> Generated link in documents:  
http://localhost/12345;
```

- **int MainGroupId**

Gets or sets the TecRMI topic main group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic main group id.

- int Typeld

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

34. MaingroupImageMsg

34.1. Summary

Class [RestRMI.Areas.Bg.Models.MaingroupImageMsg](#) contains the properties which are necessary to call the web service methods `MaingroupImage(MaingroupImageMsg)`.

34.2. Detailed Module Documentation

34.2.1. Properties

- int BodyQualColld

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- int MainGroupId

Gets or sets the TecRMI topic main group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic main group id.

- int Typeld

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

35. ManualListMsg

35.1. Summary

Class [RestRMI.Areas.Bg.Models.ManualListMsg](#) contains the properties which are necessary to call the web service methods ManualList(ManualListMsg).

35.2. Detailed Module Documentation

35.2.1. Properties

- int BodyQualColld

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- string TextSearch

Gets or sets the text search.

Property-Value

The text search.

- int Typeld

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

36. PreselectedDataMsg

36.1. Summary

Class [RestRMI.Areas.Bg.Models.PreselectedDataMsg](#) contains the properties which are necessary to call the web service method `PreselectedData(PreselectedDataMsg)`.

36.2. Detailed Module Documentation

36.2.1. Properties

- **List<InSelectedPartValue> SelectedPartData**

Gets or sets a collection with information about the parts which are actual selected.

Property-Value

The selected parts.

- **List<Int32> SelectedWorkIds**

Gets or sets a collection with the ids of the selected work positions. This ids can be fetched by using the webservice methods `MdWorkSteps(MdWorkStepsMsg)` and `LtWorkSteps(LtWorkStepsMsg)`.

Property-Value

The selected work position ids.

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the `ServiceVt` web service.

Property-Value

The TecRMI type id.

37. SubgroupHtmlMsg

37.1. Summary

Class [RestRMI.Areas.Bg.Models.SubgroupHtmlMsg](#) contains the properties which are necessary to call the web service methods `SubgroupHtml(SubgroupHtmlMsg)`.

37.2. Detailed Module Documentation

37.2.1. Properties

- **int BodyQualCollId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- string LinkUrl

Gets or sets the link url. The actual link information is going to be added at the end of this url.

It is used where documents contains links to other and are shown in custom application.

Property-Value

The link url.

Example

```
LinkUrl = "http://localhost/" // -> Generated link in documents:  
http://localhost/12345;
```

- int SubGroupId

Gets or sets the TecRMI topic sub group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic sub group id.

- int SubGroupQualCol

Gets or sets the sub group qualifier collection.

Property-Value

The sub group qualifier collection.

- int TypeId

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

38. SubgroupImageMsg

38.1. Summary

Class [RestRMI.Areas.Bg.Models.SubgroupImageMsg](#) contains the properties which are necessary to call the web service methods `SubgroupImage(SubgroupImageMsg)`.

38.2. Detailed Module Documentation

38.2.1. Properties

- **int BodyQualColId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int SubGroupId**

Gets or sets the TecRMI topic sub group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic sub group id.

- **int SubGroupQualCol**

Gets or sets the sub group qualifier which identified the variant of the sub group image.

This id can be fetched by using `SubGroupQuals(SubGroupQualsMsg)"` webservice method.

Property-Value

The sub group qualifier collection.

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

39. SubGroupQualsMsg

39.1. Summary

Class [RestRMI.Areas.Bg.Models.SubGroupQualsMsg](#) contains the properties which are necessary to call the web service methods `SubGroupQuals(SubGroupQualsMsg)`.

39.2. Detailed Module Documentation

39.2.1. Properties

- **int BodyQualCollId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int SubGroupId**

Gets or sets the TecRMI topic sub group id.

The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The topic sub group id.

- **int TypeId**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

40. TmItemMp

40.1. Summary

Represents an item mount position for the technical manual topic tree. In the topic tree hierarchy, item mount positions are children of sub groups. The same item mount position might also be a child of several different sub groups making the topic tree rather a directed acyclic graph than a tree.

40.2. Detailed Module Documentation

40.2.1. Properties

- bool InfoDataExists

Gets or sets a value indicating whether there are information data existing for this item mount position.

The portal database must be available to provide information data.

Property-Value

true if info data exists; otherwise, false.

- bool IsLocked

Gets or sets a value indicating whether access to this item mount position is denied.

Property-Value

true if this item mount position is locked; otherwise, false.

- int ItemMpid

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- string ItemMpImageName

Gets or sets the name of the item mount position image.

Property-Value

The the item mount position image name.

- string ItemMpText

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- List<[TmManual](#)> Manuals

Gets or sets a collection of manuals which belongs to the topic item mount position.

Property-Value

The manuals.

- **int SortOrder**

Gets or sets the order number of this topic item mount position. A collection of topic item mount position will be sorted against this number.

Property-Value

The sort order.

41. TmManual

41.1. Summary

Represents a technical manual in the field of technical manual. A manual belongs to an item mount position.

41.2. Detailed Module Documentation

41.2.1. Properties

- **int ManualId**

Gets or sets the id of the manual.

Property-Value

The manual id.

- **int QualColId**

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

- **string QualColText**

Gets or sets the qualifier collection text.

Property-Value

The qualifier collection text.

42. VehicleHasGraphicsGenArtMsg

42.1. Summary

Class [RestRMI.Areas.Bg.Models.VehicleHasGraphicsGenArtMsg](#) contains the properties which are necessary to call the web service module check methods.

42.2. Detailed Module Documentation

42.2.1. Properties

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **int Typeld**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

43. VehicleHasGraphicsMsg

43.1. Summary

Class [RestRMI.Areas.Bg.Models.VehicleHasGraphicsMsg](#) contains the properties which are necessary to call the web service module check methods.

43.2. Detailed Module Documentation

43.2.1. Properties

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **int Typeld**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

44. VehicleHtmlMsg

44.1. Summary

Class [RestRMI.Areas.Bg.Models.VehicleHtmlMsg](#) contains the properties which are necessary to call the web service methods `VehicleHtml(VehicleHtmlMsg)`.

44.2. Detailed Module Documentation

44.2.1. Properties

- int BodyQualCollId

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- string LanguageCode

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- string LinkUrl

Gets or sets the link url. The actual link information is going to be added at the end of this url.

It is used where documents contains links to other and are shown in custom application.

Property-Value

The link url.

Example

```
LinkUrl = "http://localhost/" // -> Generated link in documents:  
http://localhost/Ⓟ1234Ⓟ;
```

- int Typeld

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.

45. VehicleImageMsg

45.1. Summary

Class [RestRMI.Areas.Bg.Models.VehicleHtmlMsg](#) contains the properties which are necessary to call the

web service methods VehicleImage(VehicleImageMsg).

45.2. Detailed Module Documentation

45.2.1. Properties

- **int BodyQualCollId**

Gets or sets the body qualifier id which defines the vehicle construction.

The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- **string ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **string CountryCode**

Gets or sets the 2-letter international country code as defined by ISO 3166-1.

Property-Value

The ISO country code.

- **string LanguageCode**

Gets or sets the 2-letter international language code as defined by ISO 639-1.

Property-Value

The ISO language code.

- **int Typeld**

Gets or sets the TecRMI type id which identifies a vehicle unique.

The id can be fetched by using the ServiceVt web service.

Property-Value

The TecRMI type id.