

# Interface Description

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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

- **HttpRequestContext RequestContext**

No description available

- **UrlHelper Url**

No description available

- **IPrincipal 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 byte array representation of the requested body graphics vehicle overview image.

**Parameter**

input - Instance of the message class VehicleImageMsg.

**Returns**

An array which contains the requested image.

- **string MaingroupImage(MaingroupImageMsg input)**

Returns a byte array representation of the requested body graphics main group image.

**Parameter**

input - Instance of the message class MaingroupImageMsg.

**Returns**

An array which contains the requested image.

- **string SubgroupImage(SubgroupImageMsg input)**

Returns a byte array representation of the requested body graphics sub group image.

**Parameter**

input - Instance of the message class SubgroupImageMsg.

**Returns**

An array which contains 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 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.

**- 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.

**- IEnumerable<BgItemMpGenArt> LinkedGenArt(LinkedGenArtMsg input)**

Delivers a list of TecDoc generic article numbers for the given TecRMI ItemMpd'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 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 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. BglItemMp

### 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 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 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 SubGroupQualifierCollectionId**

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. GenArtManualListMsg

### 14.1. Summary

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

### 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 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 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. GenArtSubgroupHtmlMsg

### 15.1. Summary

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

### 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 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 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.

## 16. GenArtSubGroupQualsMsg

## 16.1. Summary

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

## 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 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 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.

## 17. GenArtVehicleHtmlMsg

### 17.1. Summary

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

## 17.2. Detailed Module Documentation

### 17.2.1. 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/£1234£;
```

#### - **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. InPaintPartData

### 18.1. Summary

Represents part data for IN.

### 18.2. Detailed Module Documentation

#### 18.2.1. 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 PartQualColId**

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.

## 19. InPaintPartSetItemMp

### 19.1. Summary

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

### 19.2. Detailed Module Documentation

#### 19.2.1. 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.

## 20. InPaintPartSetQualCol

### 20.1. Summary

Represents a part set qualifier collection for IN

### 20.2. Detailed Module Documentation

#### 20.2.1. 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 QualColId**

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.

## 21. InPartAmount

### 21.1. Summary

Represents a part amount for IN.

### 21.2. Detailed Module Documentation

#### 21.2.1. 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 ItemMpld**

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.

## 22. InSelectedPartValue

### 22.1. Summary

Represents a selected part value for IN.

### 22.2. Detailed Module Documentation

#### 22.2.1. Properties

- **int ItemMpld**

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.

#### 22.2.2. 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.

## 23. JavaScriptCodeMsg

### 23.1. Summary

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

### 23.2. Detailed Module Documentation

#### 23.2.1. 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.

## 24. KindOfWorkTimeData

### 24.1. Summary

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

### 24.2. Detailed Module Documentation

#### 24.2.1. Enums

**- DecimalWorkHours**

The work time is displayed in decimal work hours.

**- ManufacturerWorkPositions**

The work time is displayed in manufacturer work time units.

## 25. LinkedAdjustmentDataMsg

### 25.1. Summary

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

### 25.2. Detailed Module Documentation

#### 25.2.1. 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.

- **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.

## 26. LinkedGenArtMsg

### 26.1. Summary

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

### 26.2. Detailed Module Documentation

#### 26.2.1. 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.

## 27. LinkedSparePartsMsg

### 27.1. Summary

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

### 27.2. Detailed Module Documentation

#### 27.2.1. 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.

**- 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.

## 28. LinkedTechnicalManualsMsg

### 28.1. Summary

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

### 28.2. Detailed Module Documentation

#### 28.2.1. 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.

## 29. LinkedWorkPositionsMsg

### 29.1. Summary

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

## 29.2. Detailed Module Documentation

### 29.2.1. 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.

- **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.

- **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.

## 30. MaingroupHtmlMsg

### 30.1. Summary

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

### 30.2. Detailed Module Documentation

#### 30.2.1. 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.

**- 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.

## 31. MaingroupImageMsg

### 31.1. Summary

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

### 31.2. Detailed Module Documentation

#### 31.2.1. 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 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.

## 32. ManualListMsg

### 32.1. Summary

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

### 32.2. Detailed Module Documentation

#### 32.2.1. 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 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 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.

## 33. PreselectedDataMsg

### 33.1. Summary

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

### 33.2. Detailed Module Documentation

#### 33.2.1. 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 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. SubgroupHtmlMsg

### 34.1. Summary

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

### 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.

**- 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.

## 35. SubgroupImageMsg

### 35.1. Summary

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

### 35.2. Detailed Module Documentation

#### 35.2.1. 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.

## 36. SubGroupQualsMsg

### 36.1. Summary

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

### 36.2. Detailed Module Documentation

#### 36.2.1. 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.

**- 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.

## 37. TmlItemMp

### 37.1. 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.

### 37.2. Detailed Module Documentation

#### 37.2.1. 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.

**- 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.

## 38. TmManual

### 38.1. Summary

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

### 38.2. Detailed Module Documentation

#### 38.2.1. 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.

## 39. VehicleHasGraphicsGenArtMsg

### 39.1. Summary

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

### 39.2. Detailed Module Documentation

#### 39.2.1. 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.

## 40. VehicleHasGraphicsMsg

### 40.1. Summary

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

### 40.2. Detailed Module Documentation

#### 40.2.1. 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 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.

## 41. VehicleHtmlMsg

### 41.1. Summary

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

### 41.2. Detailed Module Documentation

#### 41.2.1. 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 TypedId**

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.

## 42. VehicleImageMsg

### 42.1. Summary

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

### 42.2. Detailed Module Documentation

#### 42.2.1. 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 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.