

Interface Description

ServicePp_REST



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TecAlliance GmbH

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Module Details

1. ComponentLocationsController

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, check if there are any part position data available for your car. To do so, call the method [VehicleHasComponents](#) passing it your type id. To get all the information of the part position for one vehicle call by calling [List](#) , which will provide a list with your requested information. To get a single manual in HTML format, call [ManualHtml](#) .

1.3. Summary

Area [RestRMI.Areas.Pp.Controllers.ComponentLocationsController](#) provides the web service methods for the part part position. Here, you can see the position on which the respective component is located.

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

- **IPrincipal User**

No description available

1.4.2. Methods

- **bool VehicleHasComponents(VehicleHasPpMsg input)**

Checks whether the selected vehicle has part position data.

Parameter

input - Instance of the message class VehicleHasPpMsg.

Returns

true - if part position data exists; otherwise false.

- **IEnumerable<PpMainGroup> List(ListMsg input)**

Delivers a country specific list to generate a part position tree for the vehicle type in the selected language.

Parameter

input - Instance of the message class ListMsg.

Returns

The topic tree for the part position.

- **string ManualHtml(ManualHtmlMsg input)**

Delivers a string which contains HTML-lines from which a HTML-file for the part position manual can be generated.

Parameter

input - Instance of the message class ManualHtmlMsg.

Returns

A string which contains HTML-lines from which a HTML-file for the part position manual can be generated.

- **IEnumerable<String> ImageNamesForComponents(ImageNamesForComponentsMsg input)**

Delivers a collection of strings which contain the image names necessary for the part position manual.

Parameter

input - Instance of the message class ImageNamesForComponentsMsg.

Returns

The image names for pp.

- string Image(ImageMsg input)

Returns a byte array which contains the requested part position image

Parameter

input - Instance of the message class ImageMsg.

Returns

A byte array which contains the requested image data.

- IEnumerable<AdItemMp> LinkedTechnicalData(LinkedTechnicalDataMsg input)

Gets the technical data which are linked to this part position document.

Parameter

input - Instance of the message class LinkedTechnicalDataMsg.

Returns

A collection of linked technical data.

- IEnumerable<TmItemMp> LinkedTechnicalManuals(LinkedTechnicalManualsMsg input)

Gets the technical manuals which are linked to this part position document.

Parameter

input - Instance of the message class LinkedTechnicalManualsMsg.

Returns

A collection of linked technical manuals.

- IEnumerable<LtItemMpKor> LinkedLabourTimes(LinkedLabourTimesMsg input)

Gets the labour times data which are linked to this part position document.

Parameter

input - Instance of the message class LinkedLabourTimesMsg.

Returns

A collection of linked labour times data.

- IEnumerable<WdItemMp> LinkedWiringDiagram(LinkedWiringDiagramMsg input)

Gets the wiring diagrams which are linked to this part position document.

Parameter

input - Instance of the message class LinkedWiringDiagramMsg.

Returns

A collection of linked wiring diagrams.

- **IEnumerable<DiltemMp> LinkedDiagnostics(LinkedDiagnosticsMsg input)**

Gets the diagnostics data which are linked to this part position document.

Parameter

input - Instance of the message class LinkedDiagnosticsMsg.

Returns

A collection of linked part position data.

- **IEnumerable<FrBoxItemMp> LinkedFuseRelais(LinkedFuseRelaisMsg input)**

Gets the diagnostics data which are linked to this part position document.

Parameter

input - Instance of the message class LinkedFuseRelaisMsg.

Returns

A collection of linked fuse and relays box configurations.

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. DiltemMp

2.1. Summary

Represents an item mount position for the diagnose 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

- **Nullable<Int32> ComponentTypeId**

Gets or sets the identifier of the component type.

Property-Value

The component type id.

- **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<DiValue> 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.

- Nullable<Int32> SystemQualColId

Gets or sets the identifier of the system qualifier collection.

Property-Value

The system qualifier collection id.

- string SystemQualColText

Gets or sets the text of the system qualifier collection.

Property-Value

The system qualifier collection text.

3. DiValue

3.1. Summary

Represents a topic manual in the diagnose part of the AuDaLib. Manuals can be found in the modules Sos, technical manuals (Tm) and wiring diagram (Wd). The purpose of the class **DiValue** is to provide a base for these modules. A manual belongs to an item mount position. SOS, TM and WD. A manual belongs to an item mount position.

3.2. Detailed Module Documentation

3.2.1. Properties

- int QualColId

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

- string QualColText

Gets or sets the text the qualifier collection.

Property-Value

The qualifier collection text.

- Nullable<Int32> SystemQualColId

Gets or sets the identifier of the system qualifier collection.

Property-Value

The system qualifier collection id.

- string SystemQualColText

Gets or sets the text of the system qualifier collection.

Property-Value

The system qualifier collection text.

4. FrBoxConfiguration

4.1. Summary

Represents a specific configuration of a fuse and relays box.

4.2. Detailed Module Documentation

4.2.1. Properties

- List<QualCol> BoxBuildPeriodQualCols

Gets or sets a list of qualifier collections which represents the possible years where this component has been build.

Property-Value

A collection of build year qualifier collections.

- int BoxConfigurationId

Gets or sets the identifier of the box configuration mapping.

Property-Value

The the box configuration mapping id.

- int BuildPeriodQualColId

Gets or sets the identifier of the build period qual col.

Property-Value

The identifier of the build period qual col.

- string BuildPeriodQualColText

Gets or sets the build period qual col text.

Property-Value

The build period qual col text.

- 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.

5. FrBoxItemMp

5.1. Summary

Represents configuration settings of a fuse and relays box.

5.2. Detailed Module Documentation

5.2.1. Properties

- List<[FrBoxConfiguration](#)> BoxConfigurations

Gets or sets a list of different fuse und relays box configurations.

Property-Value

A collection of fuse and relays box configurations.

- 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.

6. ImageMsg

6.1. Summary

Class [RestRMI.Models.GlobalServiceMessages.ImageMsg](#) contains the properties which are necessary to call the web service methods `Image(ImageMsg)`,

6.2. Detailed Module Documentation

6.2.1. Properties

- **string ImageName**

Gets or sets the name of the requested image.

Property-Value

The name of the image.

7. ImageNamesForComponentsMsg

7.1. Summary

Class [RestRMI.Areas.Pp.Models.ImageNamesForComponentsMsg](#) contains the properties which are necessary to call the web service methods `ImageNamesForComponents(ImageNamesForComponentsMsg)`.

7.2. Detailed Module Documentation

7.2.1. 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 ManualId**

Gets or sets the TecRMI manual id. The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The manual 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.

8. KindOfLinkTypes

8.1. Summary

Enum **KindOfLinkTypes** specifies the kinds of link types.

8.2. Remarks

The AuDaLib includes several methods that return HTML documents as strings. Some of the HTML documents may contain links. The **href** attribute of the links follows a certain scheme: e.g. href="someUrl/!a1205!p", where "someUrl/" is the link URL, "!" is the link separator, "a" is the kind of link type represented as char and "1205" is the link id. The kind of link type determines how the link id has to be interpreted and, therefore, determines the target module the link is referencing. The enumerators can be casted into chars. Altogether, a link can be evaluated on the web server before the HTML is sent to the client, or handled in an embedded browser control using the relevant navigation events.

8.3. Detailed Module Documentation

8.3.1. Enums

- **None**

No link.

- **AdItemMpid**

A link to an item mount position from the adjustment data module.

- **FusesBoxItemMpid**

Unused at the moment.

- **BgItemGroup**

A link to an item group from the body graphics module.

- **DiagnosisItemId**

A link to an item from the diagnosis module.

- **ErrorcodeManualId**

A link to an error code manual.

- **Fuses**

A link to fuses.

- **HotSpotGenArt**

A link to a generic article.

- **BgMainGroupId**

A link to a main group from the body graphics module.

- **TmItemMpid**

A link to an item mount position from the technical manuals module.

- **DiagnosticContentId**

Unused at the moment.

- **Unused_K**

Unused at the moment.

- **LockedItem**

A link to an item for which access is denied because the user has no permissions to access the referenced item.

- **TmManualId**

A link to a manual from the technical manuals module.

- **OeSparePartNo**

A link to a OE spare part no from a technical manual.

- **WdMainGroupId**

A link to main group from the wiring diagrams module.

- **Image**

A link to an image.

- **Unused_Q**

Unused at the moment.

- **Unused_R**

Unused at the moment.

- **BgSubGroupId**

A link to a sub group from the body graphics module.

- **VehicleTreeTypeId**

A link to a vehicle type from the vehicle tree module.

- **Unused_U**

Unused at the moment.

- **Unused_V**

Unused at the moment.

- **WdItemMpld**
A link to an item mount position from the wiring diagrams module.
- **Unused_X**
Unused at the moment.
- **ImageLinkId**
A link from an image, currently used for partposition module.
- **Unused_Z**
Unused at the moment.

9. KindOfWorkTimeData

9.1. Summary

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

9.2. Detailed Module Documentation

9.2.1. Enums

- **DecimalWorkHours**
The work time is displayed in decimal work hours.
- **ManufacturerWorkPositions**
The work time is displayed in manufacturer work time units.

10. LinkedDiagnosticsMsg

10.1. Summary

Class [RestRMI.Areas.Pp.Models.LinkedDiagnosticsMsg](#) contains the properties which are necessary to call web service methods `LinkedDiagnostics(LinkedDiagnosticsMsg)`.

10.2. Detailed Module Documentation

10.2.1. Properties

- **Nullable<Int32> ComponentTypeId**
Gets or sets the identifier of the component type.
Property-Value
The identifier of the component type.
- **string CountryCode**
Gets or sets the 2-letter international country code as defined by ISO 3166-1.
Property-Value
The ISO country code.

- int ImageLinkId

Gets or sets the identifier of the image link.

Property-Value

The the image link 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.

11. LinkedFuseRelaisMsg

11.1. Summary

Class [RestRMI.Areas.Pp.Models.LinkedFuseRelaisMsg](#) contains the properties which are necessary to call web service methods `LinkedFuseRelais(LinkedFuseRelaisMsg)`.

11.2. Detailed Module Documentation

11.2.1. Properties

- int ComponentId

Gets or sets the identifier of the component.

Property-Value

The identifier of the component.

- string CountryCode

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

Property-Value

The ISO country code.

- int ImageLinkId

Gets or sets the identifier of the image link.

Property-Value

The image link 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 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.

12. LinkedLabourTimesMsg

12.1. Summary

Class [RestRMI.Areas.Pp.Models.LinkedLabourTimesMsg](#) contains the properties which are necessary to call web service methods `LinkedLabourTimes(LinkedLabourTimesMsg)`.

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.

- int ImageLinkId

Gets or sets the identifier of the image link.

Property-Value

The image link 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 LtBodyQualCollid

Gets or sets the body qualifier id for labour times work positions 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.

- 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.

13. LinkedTechnicalDataMsg

13.1. Summary

Class [RestRMI.Areas.Pp.Models.LinkedTechnicalDataMsg](#) contains the properties which are necessary to call the web service methods `LinkedTechnicalData(LinkedTechnicalDataMsg)`.

13.2. Detailed Module Documentation

13.2.1. 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 ImageLinkId**

Gets or sets the identifier of the image link.

Property-Value

The image link 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.

14. LinkedTechnicalManualsMsg

14.1. Summary

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

14.2. Detailed Module Documentation

14.2.1. 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 ImageLinkId**

Gets or sets the identifier of the image link.

Property-Value

The image link 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.

15. LinkedWiringDiagramMsg

15.1. Summary

Class [RestRMI.Areas.Pp.Models.LinkedWiringDiagramMsg](#) contains the properties which are necessary to call the web service methods `LinkedWiringDiagram(LinkedWiringDiagramMsg)`.

15.2. Detailed Module Documentation

15.2.1. 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 ImageLinkId**

Gets or sets the identifier of the image link.

Property-Value

The image link 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 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.

16. ListMsg

16.1. Summary

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

16.2. Detailed Module Documentation

16.2.1. Properties

- string CountryCode

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

Property-Value

The ISO country code.

- Nullable<Int32> GenArtNumber

Gets or sets the generic article number.

Only if this contains a value and TextSearch is NULL or empty a search after the passed generic article is performed.

Property-Value

The generic article number.

- Nullable<Int32> GenCritNumber

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.

- **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. If this isn't NULL or empty a search after this value will be performed.

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.

17. LItemMpKor

17.1. Summary

Represents an item mount position along with a kind of repair for labour times. 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.

17.2. Detailed Module Documentation

17.2.1. 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 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.

18. ManualHtmlMsg

18.1. Summary

Class [RestRMI.Areas.Pp.Models.ManualHtmlMsg](#) contains the properties which are necessary to call web service methods `ManualHtml(ManualHtmlMsg)`.

18.2. Detailed Module Documentation

18.2.1. Properties

- **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.

- **KindOfWorkTimeData KindOfWorkTime**

Gets or sets the time of the kind of work.

Property-Value

The time of the kind of work.

- **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 ManualId**

Gets or sets the TecRMI manual id. The id can be fetched by using the topic tree methods from the respective modules.

Property-Value

The manual id.

- **bool PrintView**

Gets or sets a value indicating whether the HTML file should be prepared for printing.

Property-Value

true if the HTML file is prepare for printing; otherwise, false.

- **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.

19. PpltemMp

19.1. Summary

Represents an item mount position for the mount position 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.

19.2. Detailed Module Documentation

19.2.1. 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<PpManual> 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.

20. PpMainGroup

20.1. Summary

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

20.2. Detailed Module Documentation

20.2.1. 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<PpSubGroup> SubGroups

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

Property-Value

The sub groups.

21. PpManual

21.1. Summary

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

21.2. Detailed Module Documentation

21.2.1. 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.

22. PpSubGroup

22.1. Summary

Represents a sub group for mount position manuals. 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.

22.2. Detailed Module Documentation

22.2.1. 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<PplItemMp> 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.

23. QualCol

23.1. Summary

Class **QualCol** represents a qualifier collection. The qualifier collection delivers a further differentiation for an item.

23.2. Detailed Module Documentation

23.2.1. Properties

- **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.

24. TmlItemMp

24.1. 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.

24.2. Detailed Module Documentation

24.2.1. 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.

25. TmManual

25.1. Summary

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

25.2. Detailed Module Documentation

25.2.1. Properties

- int ManualId

Gets or sets the id of the manual.

Property-Value

The manual id.

- int QualCollId

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.

26. VehicleHasPpMsg

26.1. Summary

Class [RestRMI.Areas.Pp.Models.VehicleHasPpMsg](#) contains the properties which are necessary to call the web service module check methods `VehicleHasPp(VehicleHasPpMsg)`.

26.2. Detailed Module Documentation

26.2.1. 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.

27. WdItemMp

27.1. Summary

Class **WdItemMp** represents an item mount position for wiring data. 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.

27.2. Detailed Module Documentation

27.2.1. 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.

- List<WdManual> 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.

28. WdManual

28.1. Summary

Class **WdManual** represents a manual for wiring data. A manual belongs to an item mount position.

28.2. Detailed Module Documentation

28.2.1. 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.