Interface Description

ServiceDi_SOAP

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Module Details

1. ServiceDi

1.1. General Remarks

The webservice methods uses message classes as parameter value. All these classes are derived from the base class AisService._40.Messages.BaseMsg and contains properties for the data which are necessary for calling the web service method. To calling a method create an instance of their message class, set the necessary data to the message class properties and pass it throw the web service method.
All methods require the " **CompanyName**", " **UserName**" and " **Password**" properties, containing the application-specific access parameters.
Some methods require the LanguageCode properties, a 2-letter message internationalization language code as defined by ISO 639-1. All text messages will be returned in the defined language. Only language codes returned by GetLanguages(...) in the TecRMI common webservice are valid.
Some methods require the CountryCode properties, a 2-letter data internationalization country code as defined by ISO 3166-1. All application data will be returned as it is available for this country. Only county codes returned by GetCountries(...) in the TecRMI common webservice are valid.
Some methods require the ConsumerId property. To this a unique value, which identifiers the customers users which uses the TecRMI webservice by the customers application has to be passed. The length of the ConsumerId property value is restricted to 50 characters and is used for access control and billing.
All methods send an error message if an exception occurred or the access to the web service was denied.
All methods that are documented to return a list return an array instead.

1.2. Web service URL's

web service URL:
https://rmi-services.tecalliance.net/soap/ServiceDi.asmx
URL of WSDL file:
https://rmi-services.tecalliance.net/soap/ServiceDi.asmx?wsdl

1.3. Sequence Of Calls

First, check whether there is diagnosis data available for the selected vehicle. To do so, call GetVehicleHasDi passing your type id. (**true**) which returns a boolean value indicating whether there is diagnostic data (**true**) or not (**false**)
By calling the GetDiComponentsForType method you get the components of the given vehicle which have diagnostic data. The diagnostic tree is fetched by invoking the method GetDiList with the chosen component type id. Finally you call the method GetDiManualHtml the get a HTML document with the detailed data for the selected item from the diagnostic tree.

1.4. Summary

Class ServiceDi provides the web service methods for the part diagnostic.

1.5. content

A service diagnose.

1.6. Detailed Module Documentation

1.6.1. Methods

- **bool GetVehicleHasDi(GetVehicleHasDiMsg input)**

  Checks whether diagnosis data is available for the given vehicle.

  Parameter

  input - Instance of the message class GetVehicleHasDiMsg.

  Returns

  true - if adjustment data exists; otherwise false.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiComponentType> GetDiComponentsForType(GetDiComponentsForTypeMsg input)**

  Gets a country specific list of components with diagnostic data for the given vehicle.

  Parameter

  input - Instance of the message class GetDiComponentsForTypeMsg.

  Returns

  A collection of components.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiMainGroup> GetDiList(GetDiListMsg input)**

  Delivers a country specific list to generate a diagnostic tree for the given component in the selected language. Use method GetDiListTextFiltered to filter by text. Use method GetDiListGenArtFiltered to filter by generic articles.

  Parameter

  input - Instance of the message class GetDiListMsg.

  Returns

  The topic tree for the diagnostic data.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiMainGroup> GetDiListGenArtFiltered(GetDiListGenArtFilteredMsg input)**

  Delivers a country specific list to generate a diagnostic tree for the given component in the selected language filtered by generic article.

  Parameter

  input - Instance of the message class GetDiListGenArtFilteredMsg.

  Returns

  The topic tree for the diagnostic data.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiMainGroup> GetDiListTextFiltered(GetDiListTextFilteredMsg input)**

  Delivers a country specific list to generate a diagnostic tree for the given component in the selected language filtered by text.

  Parameter

  input - Instance of the message class GetDiListTextFilteredMsg.

  Returns

  The topic tree for the diagnostic data.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **string GetDiMainGroupHtml(GetDiMainGroupHtmlMsg input)**

  Delivers a country specific string which contains HTML-lines from which an HTML-file for the diagnostic manuals of a main group can be generated.

  Parameter

  input - Instance of the message class GetDiMainGroupHtmlMsg.

  Returns

  The di main group HTML.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **string GetDiSubGroupHtml(GetDiSubGroupHtmlMsg input)**

  Delivers a country specific string which contains HTML-lines from which an HTML-file for the diagnostic manuals of a subgroup can be generated.

  Parameter

  input - Instance of the message class GetDiSubGroupHtmlMsg.

  Returns

  The di sub group HTML.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **string GetDiManualHtml(GetDiManualHtmlMsg input)**

  Delivers a country specific string which contains HTML-lines from which an HTML-file for the diagnostic manual can be generated.

  Parameter

  input - Instance of the message class GetDiManualHtmlMsg.

  Returns

  A string which contains HTML-lines from which an HTML-file for the diagnostic manual can be generated.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<AdItemMp> GetDiLinkedTechnicalData(GetDiLinkedTechnicalDataMsg input)**

  Gets the technical data which are linked to this diagnostic manual.

  Parameter

  input - Instance of the message class GetDiLinkedTechnicalDataMsg.

  Returns

  A collection of linked technical data.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **TmManual GetDiLinkedTechnicalManuals(GetDiLinkedTechnicalManualsMsg input)**

  Gets the technical manuals which are linked to this diagnostic manual.

  Parameter

  input - Instance of the message class GetDiLinkedTechnicalDataMsg.

Returns

A collection of linked technical manuals.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<LtItemMpKor> GetDiLinkedLabourTimes(GetDiLinkedLabourTimesMsg input)**

Gets the labour times work positions which are linked to this diagnostic manual.

Parameter

input - Instance of the message class GetDiLinkedLabourTimesMsg.

Returns

A collection of linked labour times work position.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<WdItemMp> GetDiLinkedWiringDiagrams(GetDiLinkedWiringDiagramsMsg input)**

Gets the wiring diagrams which are linked to this diagnostic manual.

Parameter

input - Instance of the message class GetDiLinkedTechnicalDataMsg.

Returns

A collection of linked wiring diagrams.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<FrBoxItemMp> GetDiLinkedFuseRelais(GetDiLinkedFuseRelaisMsg input)**

Gets the fuse and relays manuals which are linked to this diagnostic manual.

Parameter

input - Instance of the message class GetDiLinkedFuseRelaisMsg.

Returns

A collection of linked fuse and relays manuals.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<PpItemMp> GetDiLinkedPartPosition(GetDiLinkedPartPositionMsg input)**

  Gets the part position manuals which are linked to this diagnostic manual.

  Parameter

  input - Instance of the message class GetDiLinkedPartPositionMsg.

  Returns

  A collection of linked part position manuals.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<String> GetImageNamesForDi(GetImageNamesForDiMsg input)**

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

  Parameter

  input - Instance of the message class GetImageNamesForDiMsg.

  Returns

  The image names for the diagnostic manual.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **Byte[] GetDiImage(GetDiImageMsg input)**

  Returns a stream which contains the requested diagnostic image.

  Parameter

  input - Instance of the message class GetDiImageMsg.

  Returns

  A byte array which contains the requested image.

  Exception

  System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiMeasuringUnit> GetDiMeasuringUnits(GetDiMeasuringUnitsMsg input)**

  Returns a list of measuring units.

  Parameter

  input - Instance of the message class GetVehicleHasDiMsg.

  Returns

A list of measuring units.

- **List<DiConnectorCondition> GetDiConnectorConditions(GetDiConnectorConditionsMsg input)**

Gets the connector conditions.

Parameter

input - Instance of the message class GetDiConnectorConditionsMsg.

Returns

The connector conditions.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiDiagnosticsValue> GetDiValue(GetDiValueMsg input)**

Gets the diagnostics value.

Parameter

input - Instance of the message class GetDiValueMsg.

Returns

The diagnostics value.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiItemMpDetailed> GetDiListForErrorCode(GetDiListForErrorCodeMsg input)**

Delivers a country specific list of diagnostic ItemMps for the given type, component and error code in the selected language.

Parameter

input - Instance of the message class GetDiListForErrorCodeMsg.

Returns

The topic tree for the diagnostic data.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

- **List<DiItemMpDetailed> GetDiListForItemId(GetDiListForItemIdMsg input)**

Delivers a country specific list of diagnostic ItemMps for the given type, component and item id in the selected language.

Parameter

input - Instance of the message class GetDiListForItemIdMsg.

Returns

The topic tree for the diagnostic data.

Exception

System.Web.Services.Protocols.SoapException - Thrown when a SOAP error condition occurs.

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 ItemMpId**

  Gets or sets the id of the item mount position.

  Property-Value

  The item mount position id.

- **string ItemMpImageName**

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

  Property-Value

  The the item mount position image name.

- **string ItemMpText**

  Gets or sets the text of the item mount position.

  Property-Value

  The item mount position text.

- **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. DiComponentType

2.1. Summary

Represents a component type in the diagnose module.

2.2. Detailed Module Documentation

2.2.1. Properties

- **int ComponentTypeId**

  Gets or sets the type id of this component.

  Property-Value

  The component type id.

- **string ComponentTypeName**

  Gets or sets the name of the component type.

  Property-Value

  The the component type name.

3. DiConnectorCondition

3.1. Summary

Represents a connector condition for diagnose part of the AuDaLib.

3.2. Detailed Module Documentation

3.2.1. Properties

- **int ConnectorConditionId**

  Gets or sets the id of the connector condition.

  Property-Value

  The connector condition id.

- **string ConnectorConditionText**

  Gets or sets the text of the connector condition.

  Property-Value

  The connector condition text.

4. DiDiagnosticsValue

4.1. Summary

Represents a diagnostics value for diagnose module.

4.2. Detailed Module Documentation

4.2.1. Properties

- **string AdditionalConditionQualColText**

  Gets or sets the text of the additional condition qualifier collection.

  Property-Value

  The additional condition qualifier collection text.

- **string AdditionalText**

  Gets or sets the additional text.

  Property-Value

  The additional text.

- **Nullable<Int32> ConnectorConditionId**

  Gets or sets the id of the connector condition.

  Property-Value

  The connector condition id.

- **int ContentId**

  Gets or sets the content id.

  Property-Value

  The content id.

- **string ImageName**

  Gets or sets the name of the image.

  Property-Value

  The name of the image.

- **int ItemMpId**

  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.

- **Nullable<Int32> ManualId**

  Gets or sets the id of the manual.

  Property-Value

  The manual id.

- **List<DiMeasurementCondition> MeasurementConditions**

  Gets or sets the measurement conditions.

  Property-Value

  The measurement conditions.

- **string MeasurementDestinationText**

  Gets or sets the text of the measurement destination.

  Property-Value

  The measurement destination text.

- **string MeasurementSourceText**

  Gets or sets the text of the measurement source.

  Property-Value

  The measurement source text.

- **DiMeasurementValue MeasurementValue**

  Gets or sets the measurement value.

  Property-Value

  The measurement value.

- **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 ValueId**

  Gets or sets the id of the value.

  Property-Value

  The value id.

5. DiItemMp

5.1. 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.

5.2. Detailed Module Documentation

5.2.1. 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 ItemMpId**

  Gets or sets the id of the item mount position.

  Property-Value

  The item mount position id.

- **string ItemMpImageName**

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

  Property-Value

  The the item mount position image name.

- **string ItemMpText**

  Gets or sets the text of the item mount position.

  Property-Value

  The item mount position text.

- **List<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.

6. DiItemMpDetailed

6.1. 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. Class contains detailed information for item and mount position from ItemMp.

6.2. Detailed Module Documentation

6.2.1. 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 ItemId**

  Gets or sets the identifier of the item.

  Property-Value

  The identifier of the item.

- **int ItemMpId**

  Gets or sets the id of the item mount position.

  Property-Value

  The item mount position id.

- **string ItemMpImageName**

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

  Property-Value

  The the item mount position image name.

- **string ItemMpText**

  Gets or sets the text of the item mount position.

  Property-Value

  The item mount position text.

- **string ItemText**

  Gets or sets the item text.

  Property-Value

  The item text.

- **List<DiValue> Manuals**

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

  Property-Value

  The manuals.

- **int MountPosId**

  Gets or sets the identifier of the mount position.

  Property-Value

  The identifier of the mount position.

- **string MountPosText**

Gets or sets the mount position text.

Property-Value

The 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.

- **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.

7. DiMainGroup

7.1. Summary

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

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 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<DiSubGroup> SubGroups**

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

Property-Value

The sub groups.

8. DiMeasurementCondition

8.1. Summary

Represents a measurement condition for the diagnose module.

8.2. Detailed Module Documentation

8.2.1. Properties

- **int ItemMpId**

Gets or sets the item mount position id.

Property-Value

The item mount position id.

- **string ItemMpText**

Gets or sets the item mount position text.

Property-Value

The item mount position text.

- **int MeasurementConditionId**

Gets or sets the measurement condition id.

Property-Value

The measurement condition id.

- DiMeasurementValue MeasurementValue

Gets or sets the measurement value.

Property-Value

The measurement value.

- int QualColId

Gets or sets the qualifier collection id.

Property-Value

The qualifier collection id.

- string QualColText

Gets or sets the qualifier collection text.

Property-Value

The qualifier collection text.

9. DiMeasurementValue

9.1. Summary

Represents a measurement value in the diagnose module.

9.2. Detailed Module Documentation

9.2.1. Properties

- int MaxIndicateBound

Gets or sets the maximum indicate bound.

Property-Value

The maximum indicate bound.

- Nullable<Double> MaxIndicateValue

Gets or sets the maximum indicate value.

Property-Value

The maximum indicate value.

- int MaxLimitBound

Gets or sets the maximum limit bound.

Property-Value

The maximum limit bound.

- Nullable<Double> MaxLimitValue

Gets or sets the maximum limit value.

Property-Value

The maximum limit value.

- **int MaxWarnBound**

Gets or sets the maximum warn bound.

Property-Value

The maximum warn bound.

- **Nullable<Double> MaxWarnValue**

Gets or sets the maximum warn value.

Property-Value

The maximum warn value.

- **int MeasurementValueClassId**

Gets or sets the id of the measurement value class.

Property-Value

The measurement value class id.

- **int MeasuringUnitId**

Gets or sets the measuring unit id.

Property-Value

The measuring unit id.

- **int MinIndicateBound**

Gets or sets the minimum indicate bound.

Property-Value

The minimum indicate bound.

- **Nullable<Double> MinIndicateValue**

Gets or sets the minimum indicate value.

Property-Value

The minimum indicate value.

- **int MinLimitBound**

Gets or sets the minimum limit bound.

Property-Value

The minimum limit bound.

- **Nullable<Double> MinLimitValue**

Gets or sets the minimum limit value.

Property-Value

The minimum limit value.

- **int MinWarnBound**

  Gets or sets the minimum warn bound.

  Property-Value

  The minimum warn bound.

- **Nullable<Double> MinWarnValue**

  Gets or sets the minimum warn value.

  Property-Value

  The minimum warn value.

- **int TargetBound**

  Gets or sets the target bound.

  Property-Value

  The target bound.

- **Nullable<Double> TargetValue**

  Gets or sets the target value.

  Property-Value

  The target value.

10. DiMeasuringUnit

10.1. Summary

Represents a measuring unit in the diagnose part of the AuDaLib.

10.2. Detailed Module Documentation

10.2.1. Properties

- **int MeasuringUnitId**

  Gets or sets the id of the measuring unit.

  Property-Value

  The measuring unit id.

- **string MeasuringUnitText**

  Gets or sets the text of the measuring unit.

  Property-Value

  The measuring unit text.

- **string UnitToken**

  Gets or sets the unit token.

  Property-Value

  The unit token.

11. DiSubGroup

11.1. Summary

Represents a sub group of the diagnose 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.

11.2. Detailed Module Documentation

11.2.1. 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<DiItemMp> 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.

12. DiValue

12.1. 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.

12.2. Detailed Module Documentation

12.2.1. 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.

13. FrBoxConfiguration

13.1. Summary

Represents a specific configuration of a fuse and relays box.

13.2. Detailed Module Documentation

13.2.1. 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.

14. FrBoxItemMp

14.1. Summary

Represents configuration settings of a fuse and relays box.

14.2. Detailed Module Documentation

14.2.1. 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 ItemMpId**

  Gets or sets the id of the item mount position.

  Property-Value

  The item mount position id.

- **string ItemMpImageName**

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

  Property-Value

  The the item mount position image name.

- **string ItemMpText**

  Gets or sets the text of the item mount position.

  Property-Value

  The item mount position text.

- **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.

15. GetDiComponentsForTypeMsg

15.1. Summary

Class AisService._40.Messages.Di.GetDiComponentsForTypeMsg contains the properties which are necessary to call the web service method GetDiComponentsForType .

15.2. See also

ServiceDi.GetDiComponentsForTypeMsg(...)

15.3. Detailed Module Documentation

15.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. GetDiConnectorConditionsMsg

16.1. Summary

Class AisService._40.Messages.Di.GetDiConnectorConditionsMsg contains the properties which are necessary to call the web service methods GetDiConnectorConditions

16.2. See also

ServiceDi.GetDiConnectorConditionsMsg(...)

16.3. Detailed Module Documentation

16.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **string LanguageCode**

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

  Property-Value

  The ISO language code.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

17. GetDiImageMsg

17.1. Summary

Class AisService._40.Messages.Di.GetDiImageMsg contains the properties which are necessary to call the web service methods GetDiImage

17.2. See also

ServiceDi.GetDiImageMsg(...)

17.3. Detailed Module Documentation

17.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **string ImageName**

  Gets or sets the name of the image.

  Property-Value

  The name of the image.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

18. GetDiLinkedFuseRelaisMsg

18.1. Summary

Class AisService._40.Messages.Di.GetDiLinkedFuseRelaisMsg contains the properties which are necessary to call the web service method GetDiLinkedFuseRelais .

18.2. See also

ServiceDi.GetDiLinkedFuseRelaisMsg(...)

18.3. Detailed Module Documentation

18.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **int ComponentTypeId**

  Gets or sets the identifier of the component type.

  Property-Value

The component type id.

- **int ContentId**

  Gets or sets the identifier of the content.

  Property-Value

  The the content 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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **int TypeId**

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

  Property-Value

  The TecRMI type id.

19. GetDiLinkedLabourTimesMsg

19.1. Summary

Class AisService._40.Messages.Di.GetDiLinkedLabourTimesMsg contains the properties which are necessary to call the web service method GetDiLinkedLabourTimes .

19.2. See also

ServiceDi.GetDiLinkedLabourTimes(...)

19.3. Detailed Module Documentation

19.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **int ContentId**

  Gets or sets the identifier of the content.

  Property-Value

  The the content id.

- **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 kind of work time.

  Property-Value

  The kind of 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 LtBodyQualColId**

  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.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

The name of the user.

- **int TypeId**

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

  Property-Value

  The TecRMI type id.

20. GetDiLinkedPartPositionMsg

20.1. Summary

Class AisService._40.Messages.Di.GetDiLinkedPartPositionMsg contains the properties which arenecessary to call the web service method GetDiLinkedPartPosition .

20.2. See also

ServiceDi.GetDiLinkedPartPositionMsg(...)

20.3. Detailed Module Documentation

20.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **int ContentId**

  Gets or sets identifier of the content.

  Property-Value

  The the content 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 Password**

Gets or sets the password.

Property-Value

The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **int TypeId**

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

  Property-Value

  The TecRMI type id.

21. GetDiLinkedTechnicalDataMsg

21.1. Summary

Class AisService._40.Messages.Di.GetDiLinkedTechnicalDataMsg contains the properties which are necessary to call the web service method GetDiLinkedTechnicalData .

21.2. See also

ServiceDi.GetDiLinkedTechnicalData(...)

21.3. Detailed Module Documentation

21.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **int ContentId**

  Gets or sets identifier of the content.

  Property-Value

  The the content 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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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.

22. GetDiLinkedTechnicalManualsMsg

22.1. Summary

Class AisService._40.Messages.Di.GetDiLinkedTechnicalManualsMsg contains the properties which are necessary to call the web service method GetDiLinkedTechnicalManuals .

22.2. See also

ServiceDi.GetDiLinkedTechnicalManuals(...)

22.3. Detailed Module Documentation

22.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **int ContentId**

  Gets or sets the identifier of the content.

  Property-Value

  The the content 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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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.

23. GetDiLinkedWiringDiagramsMsg

23.1. Summary

Class AisService._40.Messages.Di.GetDiLinkedWiringDiagramsMsg contains the properties which are necessary to call the web service method GetDiLinkedWiringDiagrams .

23.2. See also

ServiceDi.GetDiLinkedWiringDiagramsMsg(...)

23.3. Detailed Module Documentation

23.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

Property-Value

The name of the company.

- **int ContentId**

Gets or sets identifier of the content.

Property-Value

The the content 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 Password**

Gets or sets the password.

Property-Value

The password.

- **string UserName**

Gets or sets the name of the user.

Property-Value

The name of the user.

- **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.

24. GetDiListForErrorCodeMsg

24.1. Summary

Class AisService._40.Messages.Di.GetDiListForErrorCodeMsg contains the properties which are necessary to call the web service method GetDiListForErrorCode .

24.2. See also

ServiceDi.GetDiListForErrorCodeMsg(...)

24.3. Detailed Module Documentation

24.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets identifier of the component type.

  Property-Value

  The component type 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 ErrorCode**

  Gets or sets the OEBD error code. Value must start with P followed by 4 digits long error code. Use leading 0 for error codes with less then 4 digits. Example P0001.

  Property-Value

  The error 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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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.

25. GetDiListForItemIdMsg

25.1. Summary

Class AisService._40.Messages.Di.GetDiListForItemIdMsg contains the properties which are necessary to call the web service method GetDiListForItemId .

25.2. See also

ServiceDi.GetDiListForItemId(...)

25.3. Detailed Module Documentation

25.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets the identifier of the component type.

  Property-Value

  The component type 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 ItemId**

  Gets or sets the identifier of the diagnostics item.

  Property-Value

  The diagnostics item id.

- **string LanguageCode**

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

  Property-Value

  The ISO language code.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. GetDiListGenArtFilteredMsg

26.1. Summary

Class AisService._40.Messages.Di.GetDiListMsg contains the properties which are necessary to call the web service method GetDiListGenArtFiltered .

26.2. See also

ServiceDi.GetDiListGenArtFiltered(...)

26.3. Detailed Module Documentation

26.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets identifier of the component type.

  Property-Value

  The component type 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 GenArtNo**

  Filters the DI list by the given generic article number.

  Property-Value

  The generic article number.

- **Nullable<Int32> GenCritNo**

  Filters the DI list by the given generic criterion number (Optional).

  Property-Value

  The generic criterion number.

- **string GenCritValue**

  Filters the DI list by the given generic criterion value (Optional).

  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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. GetDiListMsg

27.1. Summary

Class AisService._40.Messages.Di.GetDiListMsg contains the properties which are necessary to call the web

service method GetDiList .

27.2. See also

ServiceDi.GetDiListMsg(...)

27.3. Detailed Module Documentation

27.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets identifier of the component type.

  Property-Value

  The component type 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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. GetDiListTextFilteredMsg

28.1. Summary

Class AisService._40.Messages.Di.GetDiListMsg contains the properties which are necessary to call the web service method GetDiListTextFiltered .

28.2. See also

ServiceDi.GetDiListTextFiltered(...)

28.3. Detailed Module Documentation

28.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets identifier of the component type.

  Property-Value

  The component type 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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string SearchText**

Filters the DI list by the given search text value.

Property-Value

The search text.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. GetDiMainGroupHtmlMsg

29.1. Summary

Class AisService._40.Messages.Di.GetDiMainGroupHtmlMsg contains the properties which are necessary to call the web service method GetDiMainGroupHtml .

29.2. See also

ServiceDi.GetDiMainGroupHtml(...)

29.3. Detailed Module Documentation

29.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets the identifier of the component type.

  Property-Value

  The component type 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.

- **int MainGroupId**

  Gets or sets the identifier of the main group.

  Property-Value

  The identifier of the main group.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **bool PrintView**

  Determines whether a document for printing or the normal document should be created.

  Property-Value

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

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **int TypeId**

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

  Property-Value

  The TecRMI type id.

30. GetDiManualHtmlMsg

30.1. Summary

Class AisService._40.Messages.Di.GetDiManualHtmlMsg contains the properties which are necessary to call the web service method GetDiManualHtmlMsg .

30.2. See also

ServiceDi.GetDiManualHtmlMsg(...)

30.3. Detailed Module Documentation

30.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets the identifier of the component type.

  Property-Value

  The component type 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.

- **string Password**

Gets or sets the password.

Property-Value

The password.

- **bool PrintView**

Determines whether a document for printing or the normal document should be created.

Property-Value

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

- **int QualColId**

Gets or sets the id of the qualifier collection. The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The qualifier collection id.

- **Nullable<Int32> SystemQualColId**

Gets or sets the id of the system qualifier collection.

Property-Value

The system qualifier collection id.

- **int ItemMpId**

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

Property-Value

The item mount position id.

- **string UserName**

Gets or sets the name of the user.

Property-Value

The name of the user.

- **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. GetDiMeasuringUnitsMsg

31.1. Summary

Class AisService._40.Messages.Di.GetDiMeasuringUnitsMsg contains the properties which are necessary to call the web service method GetDiMeasuringUnits

31.2. See also

ServiceDi.GetDiMeasuringUnits(...)

31.3. Detailed Module Documentation

31.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **string LanguageCode**

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

  Property-Value

  The ISO language code.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

32. GetDiSubGroupHtmlMsg

32.1. Summary

Class AisService._40.Messages.Di.GetDiSubGroupHtmlMsg contains the properties which are necessary to call the web service method GetDiSubGroupHtml .

32.2. See also

ServiceDi.GetDiSubGroupHtmlMsg(...)

32.3. Detailed Module Documentation

32.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets the identifier of the component type.

  Property-Value

  The component type 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.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **bool PrintView**

  Determines whether a document for printing or the normal document should be created.

  Property-Value

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

- **int SubGroupId**

  Gets or sets the identifier of the sub group.

  Property-Value

  The identifier of the sub group.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. GetDiValueMsg

33.1. Summary

Class AisService._40.Messages.Di.GetDiValueMsg contains the properties which are necessary to call the web service method GetDiValueMsg .

33.2. See also

ServiceDi.GetDiValue(...)

33.3. Detailed Module Documentation

33.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets the component type id.

  Property-Value

  The component type id.

- **string CountryCode**

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

Property-Value

The ISO country code.

- **bool IncludeCondition**

Determines whether the condition should be included.

Property-Value

true if conditions should be included, false if not.

- **string LanguageCode**

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

Property-Value

The ISO language code.

- **string Password**

Gets or sets the password.

Property-Value

The password.

- **int QualColId**

Gets or sets the id of the qualifier collection.

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

Property-Value

The qualifier collection id.

- **Nullable<Int32> SystemQualColId**

Gets or sets the id of the system qualifier collection.

Property-Value

The system qualifier collection id.

- **int ItemMpId**

Gets or sets the TecRMI item mount position id.

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

Property-Value

The item mount position id.

- **string UserName**

Gets or sets the name of the user.

Property-Value

The name of the user.

- **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.

34. GetImageNamesForDiMsg

34.1. Summary

Class AisService._40.Messages.Di.GetImageNamesForDiMsg contains the properties which are necessary to call the web service method GetImageNamesForDiMsg .

34.2. See also

ServiceDi.GetImageNamesForDiMsg(...)

34.3. Detailed Module Documentation

34.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **Nullable<Int32> ComponentTypeId**

  Gets or sets the component type id.

  Property-Value

  The component type 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 Password**

  Gets or sets the password.

  Property-Value

  The password.

- **int QualColId**

  Gets or sets the id of the qualifier collection.

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

  Property-Value

  The qualifier collection id.

- **Nullable<Int32> SystemQualColId**

  Gets or sets the id of the system qualifier collection.

  Property-Value

  The system qualifier collection id.

- **int ItemMpId**

  Gets or sets the TecRMI item mount position id.

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

  Property-Value

  The item mount position id.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. GetVehicleHasDiMsg

35.1. Summary

Class AisService._40.Messages.Di.GetVehicleHasDiMsg contains the properties which are necessary to call the web service method GetVehicleHasDi ,

35.2. See also

ServiceDi.GetVehicleHasDiMsg(...)

35.3. Detailed Module Documentation

35.3.1. Properties

- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **string CountryCode**

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

  Property-Value

  The ISO country code.

- **string Password**

  Gets or sets the password.

  Property-Value

  The password.

- **string UserName**

  Gets or sets the name of the user.

  Property-Value

  The name of the user.

- **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. KindOfWorkTimeData

36.1. Summary

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

36.2. Detailed Module Documentation

36.2.1. Enums

- **DecimalWorkHours**

  The work time is displayed in decimal work hours.

- **ManufacturerWorkPositions**

  The work time is displayed in manufacturer work time units.

37. LtItemMpKor

37.1. 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.

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 ItemMpId**

  Gets or sets the id of the item mount position.

  Property-Value

  The item mount position id.

- **string ItemMpImageName**

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

  Property-Value

  The the item mount position image name.

- **string ItemMpText**

  Gets or sets the text of the item mount position.

  Property-Value

  The item mount position text.

- **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.

38. PpItemMp

38.1. 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.

38.2. Detailed Module Documentation

38.2.1. Properties

- **bool InfoDataExists**

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

  Property-Value

  true if info data exists; otherwise, false.

- **bool IsLocked**

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

  Property-Value

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

- **int ItemMpId**

  Gets or sets the id of the item mount position.

  Property-Value

  The item mount position id.

- **string ItemMpImageName**

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

Property-Value

The the item mount position image name.

- **string ItemMpText**

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- **List<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.

39. PpManual

39.1. Summary

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

39.2. Detailed Module Documentation

39.2.1. 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.

40. QualCol

40.1. Summary

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

40.2. Detailed Module Documentation

40.2.1. 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.

41. TmManual

41.1. Summary

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

41.2. Detailed Module Documentation

41.2.1. Properties

- **int ManualId**

  Gets or sets the id of the manual.

  Property-Value

  The manual id.

- **int QualColId**

  Gets or sets the id of the qualifier collection.

  Property-Value

  The qualifier collection id.

- **string QualColText**

  Gets or sets the qualifier collection text.

Property-Value

The qualifier collection text.

42. WdItemMp

42.1. 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.

42.2. Detailed Module Documentation

42.2.1. Properties

- **bool InfoDataExists**

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

  The portal database must be available to provide information data.

  Property-Value

  true if info data exists; otherwise, false.

- **bool IsLocked**

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

  Property-Value

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

- **int ItemMpId**

  Gets or sets the id of the item mount position.

  Property-Value

  The item mount position id.

- **string ItemMpImageName**

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

  Property-Value

  The the item mount position image name.

- **string ItemMpText**

  Gets or sets the text of the item mount position.

  Property-Value

  The item mount position text.

- **List<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.

43. WdManual

43.1. Summary

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

43.2. Detailed Module Documentation

43.2.1. 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.