Interface Description

ServiceMd_SOAP

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1. ServiceMd

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. 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

1.3. Web service URL's

web service URL:

https://rmi-services.tecalliance.net/soap/ServiceMd.asmx

URL of WSDL file:

https://rmi-services.tecalliance.net/soap/ServiceMd.asmx?wsdl

1.4. Sequence Of Calls

First of all, you should check whether there is maintenance_data available for the currently selected vehicle. To perform this check, you simply call GetVehicleHasMd which returns a boolean value indicating whether there is

maintenance data (**true**) or not (**false**). Then you should choose the matching body of your vehicle from the return value of the method GetBodiesForMd .

Next step is to call GetServiceSubGroups to get a list of service main works and addition works for your vehicle.

If you want to get the work steps for an item call the method GetMaintenanceWorkSteps .

To get a maintenance plan you can either call GetMaintenancePlanData or GetMaintenancePlanHtml for the HTML version of the manual.

To get the manufacturers information your vehicle pass its type id to GetMakeInfoManuals . From this method you will get a list of manual ids in return, which you can use to call AisService._40.ServiceTm.GetTmManualHtml(AisService._40.Messages.Tm.GetTmManualHtmlMsg).

1.5. Summary

Class **ServiceMd** provides the web service methods for the part maintenance data.

1.6. Detailed Module Documentation

1.6.1. Methods

- bool GetVehicleHasMd(GetVehicleHasMdMsg input)

  Checks whether the vehicle has service (maintenance) data.

  Parameter

  input - Instance of the message class GetVehicleHasMdMsg

  Returns

  true - if maintenance data exists; otherwise false.

- List<MdBodyQualCol> GetBodiesForMd(GetBodiesForMdMsg input)

  Delivers a country specific list including all existing bodies for the typeId in the selected language.

  Parameter

  input - Instance of the message class GetBodiesForMdMsg

  Returns

  The maintenance data bodies.

- List<MdTmLinkedManual> GetMakeInfoManuals(GetMakeInfoManualsMsg input)

  Fetches the manual ids for selecting an existing manufacturer information as HTML from calling the method AisService._40.ServiceTm.GetTmManualHtml(AisService._40.Messages.Tm.GetTmManualHtmlMsg).

  Parameter

  input - Instance of the message class GetMakeInfoManualsMsg

Returns

The manufacturer info manuals.

- **MdSubGroups GetMdSubGroups(GetMdSubGroupsMsg input)**

Delivers a country specific object to generate the maintenance topic tree for the TecRMI type id with the selected body and filter in the given language. Use method GetMdSubGroupsTextFiltered to filter by text. Use method GetMdSubGroupsGenArtFiltered to filter by generic articles.

Parameter

input - Instance of the message class GetMdSubGroupsMsg

Returns

The service sub groups.

- **MdSubGroups GetMdSubGroupsGenArtFiltered(GetMdSubGroupsGenArtFilteredMsg input)**

Delivers a country specific object to generate the maintenance topic tree filtered by generic article for the TecRMI type id with the selected body and filter in the given language.

Parameter

input - Instance of the message class GetMdSubGroupsGenArtFilteredMsg

Returns

The service sub groups.

- **MdSubGroups GetMdSubGroupsTextFiltered(GetMdSubGroupsTextFilteredMsg input)**

Delivers a country specific object to generate the maintenance topic tree filtered by text for the TecRMI type id with the selected body and filter in the given language.

Parameter

input - Instance of the message class GetMdSubGroupsGenArtFilteredMsg

Returns

The service sub groups.

- **List<MdWorkPos> GetMdWorkSteps(GetMdWorkStepsMsg input)**

Delivers a country specific list to generate a maintenance work position for the given vehicle, body, item mount position and kind of repair in the given language.

Parameter

input - The input.

Returns

A maintenance work position.

- List<MdWorkPosWithQualifiers> GetMdWorkStepsIncludingQualifiers(
  GetMdWorkStepsIncludingQualifiersMsg input)

  Delivers a country specific list to generate a maintenance work position for the given vehicle, body, item mount position and kind of repair in the given language. Including a list where the Qualifier Collection identifier is split into its parts. If this split list should be used to filter out not suitable work steps, if there is no exact filter match use the work step labeled with the qualifier collection standard.

  Parameter

  input - Instance of the message class GetMdWorkStepsIncludingQualifiersMsg

  Returns

  A maintenance work position.

- MdSubGroupWorks GetMdWorks(GetMdWorksMsg input)

  Delivers a country specific object to generate the maintenance topic tree for the vehicle type, the selected maintenance data body in the selected language and the related work steps info.

  Parameter

  input - The input.

  Returns

  The service sub groups and related work positions.

- bool GetVehicleHasMdServiceProposal(GetVehicleHasMdServiceProposalMsg input)

  Checks if service finder is available for the selected vehicle.

  Parameter

  input - Instance of the message class GetVehicleHasMdServiceFinderMsg

  Returns

  true - if service finder data exists; otherwise false.

- CooPosibleFilterParameters GetMdPosibleCooGroupFilterParameters(
  GetMdPosibleCooGroupFilterParametersMsg input)

  Returns the list of possible filter parameters to get a filtered list of coo groups for selected vehicle..

  Parameter

  input - Instance of message class GetMdPosibleCooGroupFilterParametersMsg

  Returns

  List of maintenance variants

- List<CooGroupQualCol> GetMdServiceProposalCooGroups(
GetMdServiceProposalCooGroupsMsg input)

Returns the list of maintenance variants for the selected vehicle, called COO groups filtered by the given filter parameters. If an empty list of COO groups will returned by using the filter parameters, the used filter criteria will mutual exclude the COO groups.

Parameter

input - Instance of message class GetMdServiceProposalCooGroupsMsg

Returns

List of maintenance variants

- List<CooGroupQualColWithQualifiers> GetMdServiceProposalCooGroupsIncludingQualifiers(
GetMdServiceProposalCooGroupsIncludingQualifiersMsg input)

Returns the list of maintenance variants for the selected vehicle, called COO groups filtered by the given filter parameters. If an empty list of COO groups will returned by using the filter parameters, the used filter criteria will mutual exclude the COO groups. Including a list where the Qualifier Collection identifier is split into its parts. If this split list should be used to filter out not suitable work steps, if there is no exact filter match use the work step labeled with the qualifier collection standard.

Parameter

input - Instance of message class GetMdServiceProposalCooGroupsIncludingQualifiersMsg

Returns

List of maintenance variants

- MdServiceProposal GetMdServiceProposal(GetMdServiceProposalMsg input)

Delivers a list of work positions which should have be done in the last service and a list of work positions which should be done in the next service for the selected vehicle, current mileage (in kilometres) and initial registration date for a specific vehicle. This method is NOT applicable for the country GB. For the country GB use the method AisService._40.ServiceMd.GetMdServiceProposalMiles(AisService._40.Messages.Md.GetMdServiceProposalMilesMsg)

Parameter

input - The input.

Returns

Service proposal.

- MdServiceProposalMiles GetMdServiceProposalMiles(GetMdServiceProposalMilesMsg input)

Delivers a list of work positions which should be done in the last service and a list of work positions which should be done in the next service for the selected vehicle, current mileage (in miles) and initial registration

date for a specific vehicle. This method is ONLY applicable for the country GB. For other countries use the method
AisService._40.ServiceMd.GetMdServiceProposal(AisService._40.Messages.Md.GetMdServiceProposalMsg)

Parameter

input - The input.

Returns

Service proposal.

- **MdServicePlan** GetMdMaintenancePlanData(**GetMdMaintenancePlanDataMsg** input)

Delivers the country specific raw data object for creating the maintenance plan.

Parameter

input - Instance of the message class GetMdMaintenancePlanDataMsg

Returns

The maintenance plan data.

- **string** GetMdMaintenancePlanHtml(**GetMdMaintenancePlanHtmlMsg** input)

Delivers a country specific string which contains HTML lines from which an HTML file for the maintenance plan can be generated.

Parameter

input - Instance of the message class GetMdMaintenancePlanHtmlMsg

Returns

A string containing html lines for a html file of the service plan.

- **string** GetMdMaintenancePlanHtmlSelect(**GetMdMaintenancePlanHtmlSelectMsg** input)

Delivers a country specific string which contains HTML lines from which an HTML file for the maintenance plan can be generated.

Parameter

input - Instance of the message class GetMdMaintenancePlanHtmlSelectMsg

Returns

A string containing html lines for a html file of the service plan.

- **KindOfGearBoxCodes[]** GetMdPossibleGearboxCodes(**GetMdPossibleGearboxCodesMsg** input)

Delivers a list of gearbox codes which can be passed to the method GetMdServiceProposalCooGroups.

Parameter

input - Instance of message class GetMdPossibleGearboxCodesMsg.

Returns

List of gearbox codes.

- **List<MdWorkPosSuggestion> GetMdWorkstepsSuggestedWork(GetMdWorkStepsMsg input)**

Object Model

1. CooGroupDefaultFilter

1.1. Summary

Class object for coo group filter by vehicle equipment parameters.

1.2. Detailed Module Documentation

1.2.1. Properties

- **bool FilterValue**

  Gets or sets a value indicating whether the filter value.

  Property-Value

  true if filter value, false if not.

- **KindOfCooGroupFilter KindOfFilter**

  Gets or sets the kind of filter.

  Property-Value

  The kind of filter.

2. CooGroupQualCol

2.1. Summary

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

2.2. Detailed Module Documentation

2.2.1. Properties

- **int CooId**

  Gets or sets the id of the cost of ownership group.

  Property-Value

  The coo id.

- **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.

3. CooGroupQualColWithQualifiers

3.1. Summary

Class **CooGroupQualColWithQualifiers**represents a qualifier collection including a list where the qualifier collection is split into its parts. The qualifier collection delivers a further differentiation for an item.

3.2. Detailed Module Documentation

3.2.1. Properties

- **int CooId**

  Gets or sets the id of the cost of ownership group.

  Property-Value

  The coo id.

- **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.

- **List<QualifierData> Qualifiers**

  Gets or sets the collection qualifiers where the qualifier collection identifer is build up.

  Property-Value

  The individual qualifiers of the QualColId.

4. CooPosibleFilterParameters

4.1. Summary

Contains information about the possible coo group filter parameters for a selected vehicle.

4.2. Detailed Module Documentation

4.2.1. Properties

- **bool isFilterByEuroExhaustNormPossible**

Gets or sets a value indicating whether this object is filter by euro exhaust normalise possible.

Property-Value

true if this object is filter by euro exhaust normalise possible, false if not.

- **bool isFilterByGearBoxCodePossible**

Gets or sets a value indicating whether this object is filter by gear box code possible.

Property-Value

true if this object is filter by gear box code possible, false if not.

- **bool isFilterByRegistrationDatePossible**

Gets or sets a value indicating whether this object is filter by registration date possible.

Property-Value

true if this object is filter by registration date possible, false if not.

- **bool isFilterByVinNumberPossible**

Gets or sets a value indicating whether this object is filter by vin number possible.

Property-Value

true if this object is filter by vin number possible, false if not.

- **List<KindOfCooGroupFilter> possibleEquipmentFilter**

Gets or sets the possible equipment filter.

Property-Value

The possible equipment filter.

5. GetBodiesForMdMsg

5.1. Summary
Class AisService._40.Messages.Md.GetBodiesForMdMsg contains the properties which are necessary to call web service method GetBodiesForMd .

5.2. See also
ServiceMd.GetBodiesForMd(...)

5.3. Detailed Module Documentation
5.3.1. 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.

6. GetMakeInfoManualsMsg

6.1. Summary
Class AisService._40.Messages.Md.GetMakeInfoManualsMsg contains the properties which are necessary to call web service method GetBodiesForMd .

6.2. See also
ServiceMd.GetBodiesForMd(...)

6.3. Detailed Module Documentation

6.3.1. Properties
- **string CompanyName**

  Gets or sets the name of the company.

  Property-Value

  The name of the company.

- **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 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.

7. GetMdMaintenancePlanDataMsg

7.1. Summary

Class AisService._40.Messages.Md.GetMdMaintenancePlanDataMsg contains the properties which are necessary to call web service method GetMdMaintenancePlanData .

7.2. See also

ServiceMd.GetMdMaintenancePlanData(...)

7.3. Detailed Module Documentation

7.3.1. Properties

- List<Int32> AdditionalWorkIds

Gets or sets a collection of additional work ids. The ids can be fetched by calling the
webservice method GetMdSubGroups(...).

Property-Value

The additional work ids.

- int BodyQualColId

Gets or sets the body qualifier id which defines the vehicle construction.
The id can be fetched by using the equivalent methods from the respective modules.

Property-Value

The body qualifier id.

- string CompanyName

Gets or sets the name of the company.

Property-Value

The name of the company.

- 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 Password

Gets or sets the password.

Property-Value

The password.

- List<Int32> ServiceWorkIds

Gets or sets a collection of service main work ids. The ids can be fetched by calling the

webservice method GetMdSubGroups(...).

Property-Value

The service work ids.

- 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.

8. GetMdMaintenancePlanHtmlMsg

8.1. Summary

Class AisService._40.Messages.Md.GetMdMaintenancePlanHtmlMsg contains the properties which are necessary to call web service method GetMdMaintenancePlanHtml .

8.2. See also

ServiceMd.GetMdMaintenancePlanHtml(...)

8.3. Detailed Module Documentation

8.3.1. Properties

- List<Int32> AdditionalWorkIds

Gets or sets a collection of additional work ids. The ids can be fetched by calling the

   webservice method GetMdSubGroups(...).

Property-Value

The additional work ids.

- int BodyQualColId

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

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

Property-Value

The body qualifier id.

- string CompanyName

Gets or sets the name of the company.

Property-Value

The name of the company.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

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

Property-Value

The ISO country code.

- string LanguageCode

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

Property-Value

The ISO language code.

- string LinkURL

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

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

Property-Value

The link url.

Example

```
LinkURL = "http://localhost/" // -> Generated link in documents:
http://localhost/Þ1234Þ;
```

- List<OptHeaderValue> OptionalHeaderValues

Gets or sets a collection of optional header values. By passing values it is possible to display additional

information on the html document like telephone number, date, job number, etc.

Remarks

The value of the KindOfHeaderValue property has to be unique in the collection. The possible values are the
member of the AuDaLib.Interface.ObjectModel.Common.KindOfOptionalHeaderValue. enum.

Property-Value

The optional header values.

- 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 document is conditioned for printing; otherwise, false.

- List<Int32> ServiceWorkIds

Gets or sets a collection of service main work ids. The ids can be fetched by calling the
    webservice method GetMdSubGroups(...).

Property-Value

The service work ids.

- bool ShowTyreTable

Gets or sets a value indicating whether the document should contains a table
    where information about the tyres (eg. pressure or tread depth) can be listed or not.

Property-Value

true if the document should contains a tyres table; 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.

9. GetMdMaintenancePlanHtmlSelectMsg

9.1. Summary

Class AisService._40.Messages.Md.GetMdMaintenancePlanHtmlSelectMsg contains the properties
which are necessary to call web service method GetMdMaintenancePlanHtmlSelect .

9.2. Detailed Module Documentation

9.2.1. Properties

- List<Int32> AdditionalWorkIds

Gets or sets a collection of additional work ids. The ids can be fetched by calling the
    webservice method GetMdSubGroups(...).

Property-Value

The additional work ids.

- int BodyQualColId

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

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

Property-Value

The body qualifier id.

- string CompanyName

Gets or sets the name of the company.

Property-Value

The name of the company.

- string ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

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

Property-Value

The ISO country code.

- string LanguageCode

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

Property-Value

The ISO language code.

- string LinkURL

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

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

Property-Value

The link url.

Example

```
LinkURL = "http://localhost/" // -> Generated link in documents:
http://localhost/Þ1234Þ;
```

- List<OptHeaderValue> OptionalHeaderValues

Gets or sets a collection of optional header values. By passing values it is possible to display additional information on the html document like telephone number, date, job number, etc.

Remarks

The value of the KindOfHeaderValue property has to be unique in the collection. The possible values are the member of the AuDaLib.Interface.ObjectModel.Common.KindOfOptionalHeaderValue. enum.

Property-Value

The optional header values.

- 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 document is conditioned for printing; otherwise, false.

- List<PrintViewEditingMsg> PrintViewEditingValues

(usage like an dictionary) edit the print view of the MaintenancePlan.

- List<Int32> ServiceWorkIds

Gets or sets a collection of service main work ids. The ids can be fetched by calling the webservice method GetMdSubGroups(...).

Property-Value

The service work ids.

- bool ShowTyreTable

Gets or sets a value indicating whether the document should contains a table where information about the tyres (eg. pressure or tread depth) can be listed or not.

Property-Value

true if the document should contains a tyres table; 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.

10. GetMdPosibleCooGroupFilterParametersMsg

10.1. Summary

Class AisService._40.Messages.Md.GetMdPosibleCooGroupFilterParametersMsg contains the properties which are necessary to call the web service method GetMdPosibleCooGroupFilterParameters .

10.2. See also

ServiceCoo.GetMdPosibleCooGroupFilterParameters(...)

10.3. Detailed Module Documentation

10.3.1. 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.

11. GetMdPossibleGearboxCodesMsg

11.1. Summary

Class AisService._40.Messages.Md.GetMdPossibleGearboxCodesMsg contains the properties which are necessary to call the web service method GetMdPossibleGearboxCodes .

11.2. See also

ServiceCoo.GetMdPossibleGearboxCodes(...)

11.3. Detailed Module Documentation

11.3.1. 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.

12. GetMdServiceProposalCooGroupsIncludingQualifiersMsg

12.1. Summary

Class AisService._40.Messages.Md.GetMdServiceProposalCooGroupsIncludingQualifiersMsg

contains the properties which are necessary to call the web service method
GetMdServiceProposalCooGroupsIncludingQualifiers ,.

12.2. See also

ServiceMd.GetMdServiceProposalCooGroupsIncludingQualifiers(...)

12.3. Detailed Module Documentation

12.3.1. 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.

- **List<CooGroupDefaultFilter> EquipmentFilter**

  Gets or sets the equipment filter.

  Property-Value

  The equipment filter.

- **Nullable<Int32> EuropeanExhaustEmissionStandard**

  Gets or sets the european exhaust emission standard.

  Property-Value

  The european exhaust emission standard.

- **Nullable<DateTime> InitialRegistrationDate**

  Gets or sets the initial registration date.

  Property-Value

  The initial registration date.

- **Nullable<KindOfGearBoxCodes> KindOfGearBox**

  Gets or sets the kind of gear box.

  Property-Value

  The kind of gear box.

- **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.

- string VIN

Gets or sets the vin.

Property-Value

The vin.

13. GetMdServiceProposalCooGroupsMsg

13.1. Summary

Class AisService._40.Messages.Md.GetMdServiceProposalCooGroupsMsg contains the properties which are necessary to call the web service method GetMdServiceProposalCooGroups ,.

13.2. See also

ServiceMd.GetMdServiceProposalCooGroups(...)

13.3. Detailed Module Documentation

13.3.1. 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.

- List<CooGroupDefaultFilter> EquipmentFilter

Gets or sets the equipment filter.

Property-Value

The equipment filter.

- Nullable<Int32> EuropeanExhaustEmissionStandard

Gets or sets the european exhaust emission standard.

Property-Value

The european exhaust emission standard.

- Nullable<DateTime> InitialRegistrationDate

Gets or sets the initial registration date.

Property-Value

The initial registration date.

- Nullable<KindOfGearBoxCodes> KindOfGearBox

Gets or sets the kind of gear box.

Property-Value

The kind of gear box.

- 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.

- **string VIN**

Gets or sets the vin.

Property-Value

The vin.

14. GetMdServiceProposalMilesMsg

14.1. Summary

Class AisService._40.Messages.Md.GetMdServiceProposalMilesMsg contains the properties which are necessary to call the web service method GetMdServiceProposalMiles .

14.2. See also

ServiceMd.GetMdServiceProposalMiles(...)

14.3. Detailed Module Documentation

14.3.1. Properties

- **string CompanyName**

Gets or sets the name of the company.

Property-Value

The name of the company.

- **string ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **int CooGroupId**

Gets or sets the identifier of the coo group.

Property-Value

The identifier of the coo group.

- **string CountryCode**

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

Property-Value

The ISO country code.

- **int CurrentMileage**

  Gets or sets the current mileage (in miles).

  Property-Value

  The current mileage (in miles).

- **DateTime InitalRegistrationDate**

  Gets or sets the initial registration date.

  Property-Value

  The initial registration date.

- **string LanguageCode**

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

  Property-Value

  The ISO language code.

- **int MdBodyQualColId**

  Gets or sets the identifier of the md body qual col.

  Property-Value

  The identifier of the md body qual col.

- **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.

15. GetMdServiceProposalMsg

15.1. Summary

Class AisService._40.Messages.Md.GetMdServiceProposalMsg contains the properties which are necessary to call the web service method GetMdServiceProposal .

15.2. See also

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 ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- int CooGroupId

Gets or sets the identifier of the coo group.

Property-Value

The identifier of the coo group.

- string CountryCode

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

Property-Value

The ISO country code.

- int CurrentMileage

Gets or sets the current mileage (in kilometres).

Property-Value

The current mileage (in kilometres).

- DateTime InitalRegistrationDate

Gets or sets the initial registration date.

Property-Value

The initial registration date.

- string LanguageCode

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

Property-Value

The ISO language code.

- **int MdBodyQualColId**

  Gets or sets the identifier of the md body qual col.

  Property-Value

  The identifier of the md body qual col.

- **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. GetMdSubGroupsGenArtFilteredMsg

16.1. Summary

Class AisService._40.Messages.Md.GetMdSubGroupsMsg contains the properties which are necessary to call web service method GetMdSubGroupsGenArtFiltered .

16.2. See also

ServiceMd.GetMdSubGroupsGenArtFiltered(...)

16.3. Detailed Module Documentation

16.3.1. Properties

- **int BodyQualColId**

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

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

  Property-Value

  The body qualifier id.

- **string 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.

- int GenArtNo

Filters the MD subgroups by the given generic article number.

Property-Value

The generic article number.

- Nullable<Int32> GenCritNo

Filters the MD subgroups by the given generic criterion number (Optional).

Property-Value

The generic criterion number.

- string GenCritValue

Filters the MD subgroups 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.

17. GetMdSubGroupsMsg

17.1. Summary

Class AisService._40.Messages.Md.GetMdSubGroupsMsg contains the properties which are necessary to call web service method GetMdSubGroups .

17.2. See also

ServiceMd.GetMdSubGroups(...)

17.3. Detailed Module Documentation

17.3.1. Properties

- **int BodyQualColId**

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

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

Property-Value

The body qualifier id.

- **string 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.

18. GetMdSubGroupsTextFilteredMsg

18.1. Summary

Class AisService._40.Messages.Md.GetMdSubGroupsMsg contains the properties which are necessary to call web service method GetMdSubGroupsTextFiltered .

18.2. See also

ServiceMd.GetMdSubGroupsTextFiltered(...)

18.3. Detailed Module Documentation

18.3.1. Properties

- int BodyQualColId

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

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

Property-Value

The body qualifier id.

- string 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 SearchText**

Filters the MD subgroups 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.

19. GetMdWorksMsg

19.1. Summary

Class AisService._40.Messages.Md.GetMdWorksMsg contains the properties which are necessary to call web service method GetMdWorks .

19.2. See also

ServiceMd.GetMdWorks(...)

19.3. Detailed Module Documentation
19.3.1. Properties

- **int BodyQualColId**

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

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

Property-Value

The body qualifier id.

- string 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.

- KindOfWorkTimeData KindOfWorkTime

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

Property-Value

The kind of unit of the work time.

- string LanguageCode

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

Property-Value

The ISO language code.

- 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. GetMdWorkStepsIncludingQualifiersMsg

20.1. Summary

Class AisService._40.Messages.Md.GetMdWorkStepsIncludingQualifiersMsg contains the properties which are necessary to call the web service method GetMdWorkStepsIncludingQualifiers .

20.2. See also

20.3. Detailed Module Documentation

20.3.1. Properties

- **int BodyQualColId**

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

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

Property-Value

The body qualifier id.

- **string CompanyName**

Gets or sets the name of the company.

Property-Value

The name of the company.

- **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 an enum value indicates which unit the work time in the result should have.

Property-Value

The kind of unit of the work time.

- **int KorId**

Gets or sets the TecRMI kind of repair id.

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

Property-Value

The kind of repair 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.

- int ItempMpId

Gets or sets the topic tree id.

Property-Value

The topic tree 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.

21. GetMdWorkStepsMsg

21.1. Summary

Class AisService._40.Messages.Md.GetMdWorkStepsMsg contains the properties which are necessary to call the web service method GetMdWorkSteps .

21.2. See also

ServiceMd.GetMdWorkSteps(...)

21.3. Detailed Module Documentation

21.3.1. Properties

- int BodyQualColId

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

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

Property-Value

The body qualifier id.

- string CompanyName

Gets or sets the name of the company.

Property-Value

The name of the company.

- 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 an enum value indicates which unit the work time in the result should have.

Property-Value

The kind of unit of the work time.

- int KorId

Gets or sets the TecRMI kind of repair id.

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

Property-Value

The kind of repair 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.

- int ItempMpId

Gets or sets the topic tree id.

Property-Value

The topic tree 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.

22. GetVehicleHasMdMsg

22.1. Summary

Class AisService._40.Messages.Md.GetVehicleHasMdMsg contains the properties which are necessary to call the web service module check method ServiceMd.GetVehicleHasMd .

22.2. See also

ServiceMd.GetVehicleHasMd(...)

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.

- **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.

23. GetVehicleHasMdServiceProposalMsg

23.1. Summary

Class AisService._40.Messages.Md.GetVehicleHasMdServiceProposalMsg contains the properties which are necessary to call web service method GetVehicleHasMdServiceProposal .

23.2. See also

ServiceMd.GetVehicleHasMdServiceProposal(...)

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.

- **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.

24. KindOfCooGroupFilter

24.1. Summary

Values that represent KindOfCooGroupFilter.

24.2. Detailed Module Documentation

24.2.1. Enums

- **Longlife**

  An enum constant representing the longlife= 1001 option.

- **ParticleFilter**

  An enum constant representing the particle filter= 1002 option.

- **StartStopSystem**

  An enum constant representing the start stop system= 1003 option.

- **Aircondition**

  An enum constant representing the aircondition= 1004 option.

- **TowCoupling**

  An enum constant representing the tow coupling= 1005 option.

- **FuelAdditive_AddBlue**

  An enum constant representing the fuel additive add blue= 1006 option.

- **SunRoof**

  An enum constant representing the sun roof= 1007 option.

- **XenonHeadlamps**

  An enum constant representing the xenon headlamps= 1008 option.

25. KindOfGearBoxCodes

25.1. Summary

Values that represent the kind of gear box codes.

25.2. Detailed Module Documentation

25.2.1. Enums

- **AutomaticGearBox**

  An enum constant representing the automatic gear box option.

- **ManualGearBox**

An enum constant representing the manual gear box option.

- **AutomatedGearBox**

An enum constant representing the automatic shift gear box option.

26. KindOfLinkTypes

26.1. Summary

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

26.2. 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/Þa1205Þ", where "someUrl/" is the link URL, "Þ" 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.

26.3. Detailed Module Documentation

26.3.1. 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.

- **WdItemMpId**

  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.

27. KindOfMdDataSource

27.1. Summary

Indicates whether the received maintenance data are from the original manufacturer or from the TecAlliance certified Service.

27.2. Detailed Module Documentation

27.2.1. Enums

- **Oe**

  Service data are those of the original manufacturer.

- **Tcs**

  Service data based on TecAlliance certified service.

28. KindOfOptionalHeaderValue

28.1. Summary

Some of the HTML generation methods offer the possibility to pass different header values optionally. This enumeration specifies the kinds of header values that are allowed.

28.2. Detailed Module Documentation

28.2.1. Enums

- **Date**

  The optional header value is a date.

- **Customer**

  The optional header value is a customer.

- **PhoneNo**

  The optional header value is a phone number.

- **Job**

  The optional header value is a job.

- **No**

  The optional header value is a number.

- **Mileage**

  The optional header value is a milage.

- **Culture**

  The culture for formating decimal values.

- **DecimalFormat**

  The formating string for formatting decimal values

- **WorkTime**

  An enum constant representing the work time option.

29. KindOfPrintViewEditingValue

29.1. Summary

indicates which part of the print view gets edited

29.2. Detailed Module Documentation

29.2.1. Enums

- **ExcludeAD**

  visibility option for adjustment data

- **ExcludeTM**

  visibility option for technical manuals

- **ExcludeServicePlan**

  visibility option for the service plan

30. KindOfWorkTimeData

30.1. Summary

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

30.2. Detailed Module Documentation

30.2.1. Enums

- **DecimalWorkHours**

  The work time is displayed in decimal work hours.

- **ManufacturerWorkPositions**

  The work time is displayed in manufacturer work time units.

31. MdAddItemMpKor

31.1. Summary

Represents an item mount position along with a kind of repair and additional text for the maintenance data part of the AuDaLib.

31.2. Detailed Module Documentation

31.2.1. Properties

- **string AddText**

  Gets or sets the additional text.

  Property-Value

  The additional text.

- 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.

32. MdAddItemMpKorWorks

32.1. Summary

Represents an item mount position along with a kind of repair and additional text for the maintenance data part of
the AuDaLib and a list of related work positions.

32.2. Detailed Module Documentation

32.2.1. Properties

- **string AddText**

Gets or sets the additional text.

Property-Value

The additional text.

- **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.

- **List<MdWorkPos> WorkSteps**

  Gets or sets the work steps.

  Property-Value

  The work steps.

33. MdBodyQualCol

33.1. Summary

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

33.2. Detailed Module Documentation

33.2.1. 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.

34. MdExclWorkPos

34.1. Summary

Represents an exclusive work position for maintenance data work position. The selected main work position is a composition of all the exclusive work positions.

34.2. Detailed Module Documentation

34.2.1. Properties

- **bool IsCompositeTime**

  Gets or sets a value indicating whether the work time of this instance is a net work time.

  Property-Value

  true if this instance is composite time; otherwise, false.

- **bool IsOnlyForReference**

  Gets or sets a value indicating whether the work time of this instance is only for reference.

  Property-Value

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

- **bool IsTecRmiTime**

  Gets or sets a value indicating whether the work time of this instance is defined by TecRMI.

  Property-Value

  true if the work time of this instance is adc time; otherwise, false.

- **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.

- **KindOfWorkTimeData KindOfWorkTimeData**

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

Property-Value

The kind of work time data.

- **int KorId**

Gets or sets the id of the kind of repair.

Property-Value

The kind of repair id.

- **string KorImage**

Gets or sets the image of the kind of repair.

Property-Value

The kind of repair image.

- **string KorText**

Gets or sets the text of the kind of repair.

Property-Value

The kind of repair 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.

- **int WorkId**

Gets or sets the id of the work position.

Property-Value

The work position id.

- **string WorkText**

Gets or sets the text of the work position.

Property-Value

The work position text.

- **decimal WorkTime**

Gets or sets the work time.

Property-Value

The work time.

35. MdItemMpKor

35.1. Summary

Represents an item mount position along with a kind of repair for maintenance data.

35.2. Detailed Module Documentation

35.2.1. 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.

36. MdItemMpKorWorks

36.1. Summary

Represents an item mount position along with a kind of repair for maintenance data and a list of related work positions.

36.2. Detailed Module Documentation

36.2.1. 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.

- List<MdWorkPos> WorkSteps

Gets or sets the work steps.

Property-Value

The work steps.

37. MdOptExclWorkPos

37.1. Summary

Represents an optional exclusive work position for maintenance data work position which can only be selected in combination with its main labour times work position.

37.2. Detailed Module Documentation

37.2.1. Properties

- **bool IsCompositeTime**

  Gets or sets a value indicating whether the work time of this instance is a net work time.

  Property-Value

  true if this instance is composite time; otherwise, false.

- **bool IsOnlyForReference**

  Gets or sets a value indicating whether the work time of this instance is only for reference.

  Property-Value

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

- **bool IsTecRmiTime**

  Gets or sets a value indicating whether the work time of this instance is defined by TecRMI.

  Property-Value

  true if the work time of this instance is adc time; otherwise, false.

- **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.

- **KindOfWorkTimeData KindOfWorkTimeData**

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

  Property-Value

  The kind of work time data.

- **int KorId**

Gets or sets the id of the kind of repair.

Property-Value

The kind of repair id.

- string KorImage

Gets or sets the image of the kind of repair.

Property-Value

The kind of repair image.

- string KorText

Gets or sets the text of the kind of repair.

Property-Value

The kind of repair 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.

- int WorkId

Gets or sets the id of the work position.

Property-Value

The work position id.

- string WorkPositionNo

Gets or sets the number of the work position.

Property-Value

The work position number.

- string WorkText

Gets or sets the text of the work position.

Property-Value

The work position text.

- decimal WorkTime

Gets or sets the work time.

Property-Value

The work time.

38. MdServicePlan

38.1. Summary

Represents a service plan for maintenance data.

38.2. Detailed Module Documentation

38.2.1. Properties

- **List<MdServicePlanWork> AdditionalWorkPositions**

  Gets or sets a collection of additional work positions.

  Property-Value

  The additional work positions.

- **KindOfMdDataSource MdDataSource**

  indicates whether the received data is from OE data or from a TecAlliance certified Service

- **List<MdServicePlanWork> ServiceWorkPositions**

  Gets or sets a collection of service work positions.

  Property-Value

  The service work positions.

39. MdServicePlanPosition

39.1. Summary

Represents a position of a service plan for maintenance data.

39.2. Detailed Module Documentation

39.2.1. Properties

- **string Amount**

  Gets or sets the amount.

  Property-Value

  The amount.

- **KindOfLinkTypes AmountLinkType**

  Gets or sets the link type of the amount.

  Property-Value

  The link type of the amount.

- **Nullable<Int32> AmountLinkValue**

  Gets or sets the the amount of the link value.

  Property-Value

  The link value of the amount.

- **KindOfLinkTypes PositionLinkType**

  Gets or sets the link type of the position.

  Property-Value

  The link type of the position.

- **Nullable<Int32> PositionLinkValue**

  Gets or sets the link value of the position.

  Property-Value

  The link value of the position.

- **string PositionText**

  Gets or sets the text of the position.

  Property-Value

  The position text.

- **int SortNo**

  Gets or sets the sort number.

  Property-Value

  The sort number.

40. MdServicePlanWork

40.1. Summary

Specifies the raw data of a maintenance plan.

40.2. Detailed Module Documentation

40.2.1. Properties

- **List<MdServicePlanPosition> ServicePlanPositions**

  Gets or sets a collection of service plan positions.

  Property-Value

  The service plan positions.

- **int SortNr**

  Gets or sets the sort number.

  Property-Value

The sort number.

- **int WorkId**

  Gets or sets the id of the work position.

  Property-Value

  The work id.

- **string WorkText**

  Gets or sets the text of the work position.

  Property-Value

  The work text.

41. MdServiceProposal

41.1. Summary

Maintenance Service Proposal (Kilometres).

41.2. Detailed Module Documentation

41.2.1. Properties

- **Nullable<Int32> LastKm**

  Gets or sets the last kilometres.

  Property-Value

  The last kilometres.

- **Nullable<Int32> LastMonth**

  Gets or sets the last month.

  Property-Value

  The last month.

- **List<MdServiceProposalWorkPos> LastServiceBeforKmMonth**

  Gets or sets the last service befor kilometres month.

  Property-Value

  The last service befor kilometres month.

- **int NextKm**

  Gets or sets the next kilometres.

  Property-Value

  The next kilometres.

- **int NextMonth**

Gets or sets the next month.

Property-Value

The next month.

- **List<MdServiceProposalWorkPos> NextServiceAfterKmMonth**

Gets or sets the next service after kilometres month.

Property-Value

The next service after kilometres month.

- **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.

42. MdServiceProposalMiles

42.1. Summary

Maintenance Service Proposal (Miles).

42.2. Detailed Module Documentation

42.2.1. Properties

- **Nullable<Int32> LastMiles**

Gets or sets the last miles.

Property-Value

The last miles.

- **Nullable<Int32> LastMonth**

Gets or sets the last month.

Property-Value

The last month.

- **List<MdServiceProposalWorkPos> LastServiceBeforeMilesMonth**

Gets or sets the last service before miles/month.

Property-Value

The last service before miles/month.

- **int NextMiles**

  Gets or sets the next miles.

  Property-Value

  The next miles.

- **int NextMonth**

  Gets or sets the next month.

  Property-Value

  The next month.

- **List<MdServiceProposalWorkPos> NextServiceAfterMilesMonth**

  Gets or sets the next service after miles/month.

  Property-Value

  The next service after miles/month.

- **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.

43. MdServiceProposalWorkPos

43.1. Summary

A md service proposal work position.

43.2. Detailed Module Documentation

43.2.1. Properties

- **bool IsLocked**

  Gets or sets a value indicating whether this object is locked.

  Property-Value

  true if this object is locked, false if not.

- **int ItemMpId**

  Gets or sets the identifier of the item mp.

Property-Value

The identifier of the item mp.

- string ItemMpText

Gets or sets the item mp text.

Property-Value

The item mp text.

- int KorId

Gets or sets the identifier of the kor.

Property-Value

The identifier of the kor.

- string KorText

Gets or sets the kor text.

Property-Value

The kor text.

- Nullable<Int32> QualColId

Gets or sets the identifier of the qual col.

Property-Value

The identifier of the qual col.

- string QualColText

Gets or sets the qual col text.

Property-Value

The qual col text.

- Nullable<Int32> WorkId

Gets or sets the identifier of the work.

Property-Value

The identifier of the work.

44. MdSubGroups

44.1. Summary

Represents a sub group for maintenance data.

44.2. Detailed Module Documentation

44.2.1. Properties

- **List<MdAddItemMpKor> AdditionalWorks**

  Gets or sets a collection of additional maintenance work positions.

  Property-Value

  The additional work positions.

- **bool IsMultipleServicesAllowed**

  Gets or sets a value indicating whether multiple service work positions can be selected or not.

  Property-Value

  true if is allowed to select multiple service work position, otherwise, false.

- **bool IsOnlyAdditionServiceAllowed**

  Gets or sets a value indicating whether it is allowed to select additional service work positions without having selected a service main work position or not.

  Property-Value

  True if the only selection of an additional service work positions are allowed; otherwise, false.

- **List<MdItemMpKor> Services**

  Gets or sets the service list.

  Property-Value

  The service main work positions.

45. MdSubGroupWorks

45.1. Summary

Represents a sub group for maintenance data including info about work positions.

45.2. Detailed Module Documentation

45.2.1. Properties

- **List<MdAddItemMpKorWorks> AdditionalWorks**

  Gets or sets a collection of additional maintenance work positions.

  Property-Value

  The additional work positions.

- **bool IsMultipleServicesAllowed**

  Gets or sets a value indicating whether multiple service work positions can be selected or not.

  Property-Value

  true if is allowed to select multiple service work position, otherwise, false.

- **bool IsOnlyAdditionServiceAllowed**

Gets or sets a value indicating whether it is allowed to select additional service work positions without having selected a service main work position or not.

Property-Value

True if the only selection of an additional service work positions are allowed; otherwise, false.

- **List<MdItemMpKorWorks> Services**

Gets or sets the service list.

Property-Value

The service main work positions.

46. MdTmLinkedManual

46.1. Summary

Represents a technical manual which is linked from the maintenance part of the AuDaLib.

46.2. Detailed Module Documentation

46.2.1. Properties

- **bool IsLocked**

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

Property-Value

true if this linked manual is locked; otherwise, false.

- **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.

47. MdWorkPos

47.1. Summary

Represents a work position for maintenance data part of the AuDaLib which contains all necessary information for selecting a work position for calculation.

47.2. Detailed Module Documentation

47.2.1. Properties

- **List<MdExclWorkPos> ExclusiveWorkPositions**

  Gets or sets a collection of exclusive work positions.

  Remarks

  This collection is only for your information and contains the values from which the main labour times work position are composed.

  Property-Value

  The exclusive work positions.

- **bool IsCompositeTime**

  Gets or sets a value indicating whether the work time of this instance is a net work time.

  Property-Value

  true if this instance is composite time; otherwise, false.

- **bool IsLocked**

  Gets or sets a value indicating whether access to this generic work position is denied.

  Property-Value

  true if this generic work position is locked; otherwise, false.

- **bool IsOnlyForReference**

  Gets or sets a value indicating whether the work time of this instance is only for reference.

  Property-Value

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

- **bool IsTecRmiTime**

  Gets or sets a value indicating whether the work time of this instance is defined by TecRMI.

  Property-Value

  true if the work time of this instance is adc time; otherwise, false.

- **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.

- **[KindOfWorkTimeData](#) KindOfWorkTimeData**

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

Property-Value

The kind of work time data.

- **int KorId**

Gets or sets the id of the kind of repair.

Property-Value

The kind of repair id.

- **string KorImage**

Gets or sets the image of the kind of repair.

Property-Value

The kind of repair image.

- **string KorText**

Gets or sets the text of the kind of repair.

Property-Value

The kind of repair text.

- **List<[MdOptExclWorkPos](#)> OptionalExclusivePositions**

Gets or sets a collection of optional exclusive work positions. These are optional additional labour times work positions

which can only be selected in combination with its main labour times work position.

Property-Value

The optional exclusive positions.

- **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 WorkId**

  Gets or sets the id of the work position.

  Property-Value

  The work position id.

- **string WorkPosNo**

  Gets or sets the number of the work position.

  Property-Value

  The work position number.

- **string WorkText**

  Gets or sets the text of the work position.

  Property-Value

  The work position text.

- **decimal WorkTime**

  Gets or sets the work time.

  Property-Value

  The work time.

48. MdWorkPosSuggestion

48.1. Summary

Represents a work position for maintenance data part of the AuDaLib which contains all necessary information for selecting a work position for calculation. Contains additionally suggested work positions related to a work position.

48.2. inheritdoc

48.3. Detailed Module Documentation

48.3.1. Properties

- **List<MdExclWorkPos> ExclusiveWorkPositions**

  Gets or sets a collection of exclusive work positions.

  Remarks

  This collection is only for your information and contains the values from which the main labour times work position are composed.

  Property-Value

  The exclusive work positions.

- **bool IsCompositeTime**

Gets or sets a value indicating whether the work time of this instance is a net work time.

Property-Value

true if this instance is composite time; otherwise, false.

- **bool IsLocked**

Gets or sets a value indicating whether access to this generic work position is denied.

Property-Value

true if this generic work position is locked; otherwise, false.

- **bool IsOnlyForReference**

Gets or sets a value indicating whether the work time of this instance is only for reference.

Property-Value

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

- **bool IsTecRmiTime**

Gets or sets a value indicating whether the work time of this instance is defined by TecRMI.

Property-Value

true if the work time of this instance is adc time; otherwise, false.

- **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.

- **KindOfWorkTimeData KindOfWorkTimeData**

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

Property-Value

The kind of work time data.

- **int KorId**

Gets or sets the id of the kind of repair.

Property-Value

The kind of repair id.

- **string KorImage**

Gets or sets the image of the kind of repair.

Property-Value

The kind of repair image.

- string KorText

Gets or sets the text of the kind of repair.

Property-Value

The kind of repair text.

- List<MdOptExclWorkPos> OptionalExclusivePositions

Gets or sets a collection of optional exclusive work positions. These are optional additional labour times work positions

which can only be selected in combination with its main labour times work position.

Property-Value

The optional exclusive positions.

- 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.

- List<WorkPosData> SuggestedWorkPositions

Gets or sets the suggested work positions.

Property-Value

The suggested work positions.

- int WorkId

Gets or sets the id of the work position.

Property-Value

The work position id.

- string WorkPosNo

Gets or sets the number of the work position.

Property-Value

The work position number.

- **string WorkText**

Gets or sets the text of the work position.

Property-Value

The work position text.

- **decimal WorkTime**

Gets or sets the work time.

Property-Value

The work time.

49. MdWorkPosWithQualifiers

49.1. Summary

Represents a work position for maintenance data part of the AuDaLib which contains all necessary information for selecting a work position for calculation.

49.2. Detailed Module Documentation

49.2.1. Properties

- **List<MdExclWorkPos> ExclusiveWorkPositions**

Gets or sets a collection of exclusive work positions.

Remarks

This collection is only for your information and contains the values from which the main labour times work position are composed.

Property-Value

The exclusive work positions.

- **bool IsCompositeTime**

Gets or sets a value indicating whether the work time of this instance is a net work time.

Property-Value

true if this instance is composite time; otherwise, false.

- **bool IsLocked**

Gets or sets a value indicating whether access to this generic work position is denied.

Property-Value

true if this generic work position is locked; otherwise, false.

- **bool IsOnlyForReference**

Gets or sets a value indicating whether the work time of this instance is only for reference.

Property-Value

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

- **bool IsTecRmiTime**

  Gets or sets a value indicating whether the work time of this instance is defined by TecRMI.

  Property-Value

  true if the work time of this instance is adc time; otherwise, false.

- **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.

- **KindOfWorkTimeData KindOfWorkTimeData**

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

  Property-Value

  The kind of work time data.

- **int KorId**

  Gets or sets the id of the kind of repair.

  Property-Value

  The kind of repair id.

- **string KorImage**

  Gets or sets the image of the kind of repair.

  Property-Value

  The kind of repair image.

- **string KorText**

  Gets or sets the text of the kind of repair.

  Property-Value

  The kind of repair text.

- **List<MdOptExclWorkPos> OptionalExclusivePositions**

  Gets or sets a collection of optional exclusive work positions. These are optional additional labour times work positions

  which can only be selected in combination with its main labour times work position.

  Property-Value

The optional exclusive positions.

- **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.

- **List<QualifierData> Qualifiers**

  Gets or sets the collection qualifiers where the qualifier collection identifier is build up.

  Property-Value

  The individual qualifiers of the QualColId.

- **int WorkId**

  Gets or sets the id of the work position.

  Property-Value

  The work position id.

- **string WorkPosNo**

  Gets or sets the number of the work position.

  Property-Value

  The work position number.

- **string WorkText**

  Gets or sets the text of the work position.

  Property-Value

  The work position text.

- **decimal WorkTime**

  Gets or sets the work time.

  Property-Value

  The work time.

50. OptHeaderValue

50.1. Summary

Class OptHeaderValue contains two properties which can be used to add an addition information to generated

HTML documents, e.g. the maintenance plan from the web service method
ServiceMd.GetMdMaintenancePlanHtml . To display a phone number of example on the service plan set
the property AisService._40.Messages.OptHeaderValue.KindOfHeaderValue to PhoneNo and the property
AisService._40.Messages.OptHeaderValue.HeaderValue to the desired phone number. The possible values are the
member of the AuDaLib.Interface.ObjectModel.Common.KindOfOptionalHeaderValue .

50.2. Example

```
var optHValue = new OptHeaderValue();
optHValue.KindOfHeaderValue = KindOfOptionalHeaderValue.PhoneNo;
optHValue.HeaderValue = "+49 7934 99299 – 0";
```

50.3. Detailed Module Documentation

50.3.1. Properties

- **string HeaderValue**

  Gets or sets the value for the kind that is passed through the property
  KindOfHeaderValue.

  Property-Value

  The header value.

- **KindOfOptionalHeaderValue KindOfHeaderValue**

  Gets or sets the kind of header value which describes what kind of information
  is passed through the property HeaderValue.
  Possible values are the members of the enum
  KindOfOptionalHeaderValue.

  Property-Value

  The kind of header value.

51. PrintViewEditingMsg

51.1. Summary

contains two values to edit the print view of the MaintenancePlan.

51.2. Detailed Module Documentation

51.2.1. Properties

- **bool EditingValue**

  should the part be excluded or not

- **KindOfPrintViewEditingValue KindOfPrintViewEditingKey**

  wich part of the print view should be edited

52. QualifierData

52.1. Summary

Class **QualifierData** represents a single qualifier. Any qualifier collection is build up from such single qualifiers.

52.2. Detailed Module Documentation

52.2.1. Properties

- **int QualifierGroupId**

  Gets or sets the id of the qualifier group.

  Property-Value

  The qualifier group id.

- **string QualifierGroupName**

  Gets or sets the name of the qualifier group.

  Property-Value

  The name of the qualifier group.

- **int QualifierId**

  Gets or sets the id of the qualifier.

  Property-Value

  The qualifier id.

- **string QualifierText**

  Gets or sets the text of the qualifier.

  Property-Value

  The qualifier text.

53. WorkPosData

53.1. Summary

Represents work position data. This class forms a common base for the more specific work position data classes.

53.2. Detailed Module Documentation

53.2.1. Properties

- **bool IsCompositeTime**

  Gets or sets a value indicating whether the work time of this instance is a net work time.

  Property-Value

  true if this instance is composite time; otherwise, false.

- **bool IsOnlyForReference**

Gets or sets a value indicating whether the work time of this instance is only for reference.

Property-Value

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

- bool IsTecRmiTime

Gets or sets a value indicating whether the work time of this instance is defined by TecRMI.

Property-Value

true if the work time of this instance is adc time; otherwise, false.

- 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.

- KindOfWorkTimeData KindOfWorkTimeData

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

Property-Value

The kind of work time data.

- int KorId

Gets or sets the id of the kind of repair.

Property-Value

The kind of repair id.

- string KorImage

Gets or sets the image of the kind of repair.

Property-Value

The kind of repair image.

- string KorText

Gets or sets the text of the kind of repair.

Property-Value

The kind of repair 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.

- int WorkId

Gets or sets the id of the work position.

Property-Value

The work position id.

- string WorkText

Gets or sets the text of the work position.

Property-Value

The work position text.

- decimal WorkTime

Gets or sets the work time.

Property-Value

The work time.