

Interface Description

ServiceBasket_SOAP



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TecAlliance GmbH

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Module Details

1. ServiceBasket

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. Sequence Of Calls

To use the invoice option, you first have to call [GetPartsForWorks](#) passing body ids from `ServiceLt` and `ServiceMd` and the array of work ids which you also can select in these two services.

To complete the invoicing process, call [GetCalcResultHtml](#) which returns a string containing a HTML document.

1.4.

web service URL:

<https://rmi-services.tecalliance.net/soap/ServiceBasket.asmx>

URL of WSDL file:

<https://rmi-services.tecalliance.net/soap/ServiceBasket.asmx?wsdl>

1.5. Summary

Class ServiceBasket provides the web service methods for the part invoicing.

1.6. Detailed Module Documentation

1.6.1. Methods

- **string GetCalcResultHtml(GetCalcResultHtmlMsg input)**

Delivers a country specific string which contains HTML-code from which a HTML-File for the calculation result can be generated.

Parameter

input - Instance of the message class GetCalcResultHtmlMsg.

Returns

A string which contains the whole HTML file.

- **string GetCalcResultHtmlWithWorkPositions(GetCalcResultHtmlWithWorkPositionsMsg input)**

Gets calculate result HTML with work positions.

Parameter

input - Instance of the message class GetCalcResultHtmlWithWorkPositionsMsg.

Returns

The calculate result HTML with work positions.

Exception

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

- **string GetCalcResultHtmlPaint(GetCalcResultHtmlPaintMsg input)**

Delivers a country specific string which contains HTML-code from which a HTML-File for the calculation result can be generated. This method includes paint works.

Parameter

input - Instance of the message class GetCalcResultHtmlPaintMsg.

Returns

A string which contains the whole HTML file.

- **string GetCalcResultHtmlPaintWithWorkPositions(
GetCalcResultHtmlPaintWithWorkPositionsMsg input)**

Gets calculate result HTML paint with work positions.

Parameter

input - Instance of the message class GetCalcResultHtmlPaintWithWorkPositionsMsg.

Returns

The calculate result HTML paint with work positions.

Exception

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

- List<InItemMpGenArt> GetGenArtsForItemMplds(GetGenArtsForItemMpldsMsg input)

Delivers a collection with the TecDoc generic article numbers for the given item mount position ids.

Parameter

input - Instance of the message class GetGenArtsForItemMpldsMsg.

Returns

A collection of TecDoc generic article numbers.

- List<InItemMpGenArt> GetGenArtsForWorkIds(GetGenArtsForWorkIdsMsg input)

Delivers a collection with all the TecDoc generic article numbers for the given work ids.

Parameter

input - Instance of the message class GetGenArtsForWorkIdsMsg.

Returns

A collection of TecDoc generic article numbers.

- List<Int32> GetItemMpldForGenArt(GetItemMpldForGenArtMsg input)

Delivers a collection of item mount positions for a TecDoc generic article.

Parameter

input - Instance of the message class GetItemMpldForGenArtMsg.

Returns

A collection of item mount position ids.

- List<InPartSetItemMp> GetPartsForItemMps(GetPartsForItemMpsMsg input)

Delivers collection of spare parts for the given item mount positions.

Parameter

input - Instance of the message class GetPartsForItemMpsMsg.

Returns

A collection of parts.

- List<InPaintPartSetItemMp> GetPartsForItemMpsPaint(GetPartsForItemMpsPaintMsg input)

Delivers collection of spare parts for the given item mount positions.

Parameter

input - Instance of the message class GetPartsForItemMpsPaintMsg.

Returns

A collection of parts.

- List<InPartSetItemMp> GetPartsForWorks(GetPartsForWorksMsg input)

Delivers all existing spare part information for the given list of work ids.

Parameter

input - Instance of the message class GetPartsForWorksMsg.

Returns

A collection of spare parts.

- List<InPartSetItemMp> GetPartsForWorksWithWorkPositions(GetPartsForWorksWithWorkPositionsMsg input)

Delivers all existing spare part information for the given list of work ids.

Parameter

input - Instance of the message class GetPartsForWorksWithWorkPositionsMsg.

Returns

A collection of spare parts.

- List<InPaintPartSetItemMp> GetPartsForWorksPaint(GetPartsForWorksPaintMsg input)

Delivers all existing spare part information for the given list of work ids.

Parameter

input - Instance of the message class GetPartsForWorksPaintMsg.

Returns

A collection of spare parts.

- List<InPaintPartSetItemMp> GetPartsForWorksPaintWithWorkPositions(

GetPartsForWorksPaintWithWorkPositionsMsg input)

Delivers all existing spare part information for the given list of work ids.

Parameter

input - Instance of the message class GetPartsForWorksPaintWithWorkPositionsMsg.

Returns

A collection of spare parts.

- List<InWorkCalcResultValue> GetWorkCalc(GetWorkCalcMsg input)

Delivers a collection containing the calculated work positions for the selected TecRMI type id and work ids with the given labour times body id and maintenance data body id.

Parameter

input - Instance of the message class GetWorkCalcMsg.

Returns

The result of the work calculations.

- List<InWorkCalcResultValue> GetWorkCalcWithWorkPositions(GetWorkCalcWithWorkPositionsMsg input)

Delivers a collection containing the calculated work positions for the selected TecRMI type id and work ids with the given labour times body id and maintenance data body id.

Parameter

input - Instance of the message class GetWorkCalcWithWorkPositionsMsg.

Returns

The result of the work calculations.

- List<InWorkCalcResultValue> GetWorkCalcPaint(GetWorkCalcPaintMsg input)

Delivers a collection containing the calculated work positions for the selected TecRMI type id and work ids with the given labour times body id and maintenance data body id.

Parameter

input - Instance of the message class GetWorkCalcPaintMsg.

Returns

The result of the work calculations.

- List<InWorkCalcResultValue> GetWorkCalcPaintWithWorkPositions(GetWorkCalcPaintWithWorkPositionsMsg input)

Delivers a collection containing the calculated work positions for the selected TecRMI type id and work ids

with the given labour times body id and maintenance data body id.

Parameter

input - Instance of the message class GetWorkCalcPaintWithWorkPositionsMsg.

Returns

The result of the work calculations.

Object Model

1. CalcParameter

1.1. Summary

Class CalcParameter contains two properties which can be used to add additional parameters to the calculation method (eg. sales tax or small part addition).

1.2. Example

```
var optCalcParam = new CalcParameter();  
optCalcParam.KindOfParameter = InKindOfOptCalcParam.SalesTaxRate;  
optCalcParam.ParameterValue = 19m;  
// 19 as decimal value;
```

1.3. Detailed Module Documentation

1.3.1. Properties

- **InKindOfOptCalcParam** KindOfParameter

Gets or sets the kind of parameter which describes what kind of information is passed through the property ParameterValue.
Possible values are the members of the enum
InKindOfOptCalcParam.

Property-Value

The kind of parameter.

- **decimal** ParameterValue

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

Property-Value

The parameter value.

2. GetCalcResultHtmlMsg

2.1. Summary

Class [AisService._40.Messages.Basket.GetCalcResultHtmlMsg](#) contains the properties which are necessary to call the web service method [GetCalcResultHtml](#) .

2.2. See also

[ServiceBasket.GetCalcResultHtml\(...\)](#)

2.3. Detailed Module Documentation

2.3.1. 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.

- **bool IsCompositeCalc**

Gets or sets a value indicating whether the calculation should consider composite calc or not.

Property-Value

true if composite is going to be used; otherwise, false.

- **KindOfWorkTimeData KindOfWorkTime**

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

Property-Value

The kind of unit of the work time.

- **string LanguageCode**

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

Property-Value

The ISO language code.

- **int LtBodyQualCollId**

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- **int MdBodyQualCollId**

Gets or sets the body qualifier id for maintenance 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.

- List<CalcParameter> OptCalcParameters

Gets or sets a collection of optional calculation parameters. Passing values it is possible to improve the calculation

result by using small part addition, sales tax, etc.

Remarks

The value of the KindOfParameter property has to be unique in the collection. The possible values are the member of the KindOfOptionalHeaderValue. enum.

Property-Value

The optional calculation parameters.

- List<OptHeaderValue> OptHeaderValues

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.

- List<InSelectedPartValue> SelectedPartData

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

Property-Value

The selected parts.

- List<Int32> SelectedWorkIds

Gets or sets a collection with the ids of the selected work positions. This ids can be fetched by using the webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position 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.

3. GetCalcResultHtmlPaintMsg

3.1. Summary

Class [AisService._40.Messages.Basket.GetCalcResultHtmlPaintMsg](#) contains the properties which are necessary to call the web service method [GetCalcResultHtmlPaint](#) .

3.2. See also

[ServiceBasket.GetCalcResultHtmlPaint\(...\)](#)

3.3. Detailed Module Documentation

3.3.1. 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.

- **bool IsCompositeCalc**

Gets or sets a value indicating whether the calculation should consider composite calc or not.

Property-Value

true if composite is going to be used; otherwise, false.

- [KindOfWorkTimeData](#) KindOfWorkTime

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

Property-Value

The kind of unit of the work time.

- [string](#) LanguageCode

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

Property-Value

The ISO language code.

- [int](#) LtBodyQualCollId

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- [int](#) MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- [List<CalcParameter>](#) OptCalcParameters

Gets or sets a collection of optional calculation parameters. Passing values it is possible to improve the calculation

result by using small part addition, sales tax, etc.

Remarks

The value of the KindOfParameter property has to be unique in the collection. The possible values are the member of the KindOfOptionalHeaderValue. enum.

Property-Value

The optional calculation parameters.

- [List<OptHeaderValue>](#) OptHeaderValues

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.

- **List<PaintWorkPosSettings> PaintSettings**

Gets or sets the paint settings.

Property-Value

The paint settings.

- **string Password**

Gets or sets the password.

Property-Value

The password.

- **List<InSelectedPartValue> SelectedPartData**

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

Property-Value

The selected parts.

- **List<Int32> SelectedWorkIds**

Gets or sets a collection with the ids of the selected work positions. This ids can be fetched by using the webservice methods `ServiceMd.GetMdWorkSteps(...)` and `ServiceLt.GetLtWorkSteps(...)`

Property-Value

The selected work position 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.

4. GetCalcResultHtmlPaintWithWorkPositionsMsg

4.1. Summary

Class `AisService._40.Messages.Basket.GetCalcResultHtmlMsg` contains the properties which are necessary to call the web service method `GetCalcResultHtmlPaintWithWorkPositions` .

4.2. See also

[ServiceBasket.GetCalcResultHtmlPaintWithWorkPositions\(...\)](#)

4.3. Detailed Module Documentation

4.3.1. Properties

- **string CompanyName**

Gets or sets the name of the company.

Property-Value

The name of the company.

- **string ConsumerId**

Gets or sets an unique identifier for end user which receive the called data.

Property-Value

The 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.

- **bool IsCompositeCalc**

Gets or sets a value indicating whether the calculation should consider composite calc or not.

Property-Value

true if composite is going to be used; otherwise, false.

- **KindOfWorkTimeData KindOfWorkTime**

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

Property-Value

The kind of unit of the work time.

- **string LanguageCode**

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

Property-Value

The ISO language code.

- **int LtBodyQualCollId**

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- **int MdBodyQualCollId**

Gets or sets the body qualifier id for maintenance 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.

- **List<CalcParameter> OptCalcParameters**

Gets or sets a collection of optional calculation parameters. Passing values it is possible to improve the calculation

result by using small part addition, sales tax, etc.

Remarks

The value of the KindOfParameter property has to be unique in the collection. The possible values are the member of the KindOfOptionalHeaderValue. enum.

Property-Value

The optional calculation parameters.

- **List<OptHeaderValue> OptHeaderValues**

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.

- **List<PaintWorkPosSettings> PaintSettings**

Gets or sets the paint settings.

Property-Value

The paint settings.

- **string Password**

Gets or sets the password.

Property-Value

The password.

- **List<InSelectedPartValue> SelectedPartData**

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

Property-Value

The selected parts.

- **List<InWorkPosition> SelectedWorkPositions**

Gets or sets a collection with selected work positions represented by ItemMpld, KorId, QualColId and only for maintenance. This values can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position.

- **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.

5. GetCalcResultHtmlWithWorkPositionsMsg

5.1. Summary

Class [AisService._40.Messages.Basket.GetCalcResultHtmlMsg](#) contains the properties which are necessary to call the web service method [GetCalcResultHtmlWithWorkPositions](#) .

5.2. See also

[ServiceBasket.GetCalcResultHtmlWithWorkPositions\(...\)](#)

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 ConsumerId**

Gets or sets an unique identifier for end user which receive the called data.

Property-Value

The 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.

- bool IsCompositeCalc

Gets or sets a value indicating whether the calculation should consider composite calc or not.

Property-Value

true if composite is going to be used; otherwise, false.

- KindOfWorkTimeData KindOfWorkTime

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

Property-Value

The kind of unit of the work time.

- string LanguageCode

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

Property-Value

The ISO language code.

- int LtBodyQualCollId

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- int MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- List<CalcParameter> OptCalcParameters

Gets or sets a collection of optional calculation parameters. Passing values it is possible to improve the calculation

result by using small part addition, sales tax, etc.

Remarks

The value of the KindOfParameter property has to be unique in the collection. The possible values are the member of the KindOfOptionalHeaderValue. enum.

Property-Value

The optional calculation parameters.

- List<OptHeaderValue> OptHeaderValues

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.

- List<InSelectedPartValue> SelectedPartData

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

Property-Value

The selected parts.

- List<InWorkPosition> SelectedWorkPositions

Gets or sets a collection with selected work positions represented by ItemMplId, KorId, QualColId and only for maintenance. This values can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position.

- 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. GetGenArtsForItemMplIdsMsg

6.1. Summary

Class [AisService._40.Messages.Basket.GetGenArtsForItemMpldsMsg](#) contains the properties which are necessary to call the web service method [GetGenArtsForItemMplds](#) .

6.2. See also

[ServiceBasket.GetGenArtsForItemMplds\(...\)](#)

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 receives the called data.

Property-Value

Unique end user identifier.

- **List<Int32> ItemMplds**

Gets or sets a collections of item mount position ids to search for.

Property-Value

The item mount position ids.

- **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.

7. GetGenArtsForWorkIdsMsg

7.1. Summary

Class [AisService._40.Messages.Basket.GetGenArtsForWorkIdsMsg](#) contains the properties which are necessary to call the web service method [GetGenArtsForWorkIds](#) .

7.2. See also

[ServiceBasket.GetGenArtsForWorkIds\(...\)](#)

7.3. Detailed Module Documentation

7.3.1. 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 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.

- **List<Int32> WorkIds**

Gets or sets the work position ids to search for.

Property-Value

The work position ids.

8. GetItemMpldForGenArtMsg

8.1. Summary

Class [AisService._40.Messages.Basket.GetItemMpldForGenArtMsg](#) contains the properties which are necessary to call the web service method [GetItemMpldForGenArt](#) .

8.2. See also

[ServiceBasket.GetItemMpldForGenArt\(...\)](#)

8.3. Detailed Module Documentation

8.3.1. 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 GenArtNo

Gets or sets the generic article number to search for.

Property-Value

The generic article number.

- Nullable<Int32> GenKritNo

Gets or sets the generic criterion number to search for.

Property-Value

The generic criterion number.

- string GenKritValue

Gets or sets the generic criterion value to search for.

Property-Value

The generic criterion value.

- 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.

9. GetPartsForItemMpsMsg

9.1. Summary

Class [AisService._40.Messages.Basket.GetPartsForItemMpsMsg](#) contains the properties which are necessary to call the web service method [GetPartsForItemMps](#) .

9.2. See also

[ServiceBasket.GetPartsForItemMps\(...\)](#)

9.3. Detailed Module Documentation

9.3.1. 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.

- **int** **LtBodyQualCollId**

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

- **int** **MdBodyQualCollId**

Gets or sets the body qualifier id for maintenance 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.

- **List**<[PaintWorkPosSettings](#)> **PaintSettings**

Gets or sets the paint settings.

Property-Value

The paint settings.

- string Password

Gets or sets the password.

Property-Value

The password.

- List<Int32> SelectetItemMplds

Gets or sets the selected item mount position ids for which the parts are to be queried.

Property-Value

The selectet item mount position 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.

10. GetPartsForItemMpsPaintMsg

10.1. Summary

Class [AisService._40.Messages.Basket.GetPartsForItemMpsMsg](#) contains the properties which are necessary to call the web service method [GetPartsForItemMps](#) .

10.2. See also

[ServiceBasket.GetPartsForItemMps\(...\)](#)

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 ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

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

Property-Value

The ISO country code.

- string LanguageCode

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

Property-Value

The ISO language code.

- int LtBodyQualCollId

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

- int MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- List<PaintWorkPosSettings> PaintSettings

PaintSettings

- string Password

Gets or sets the password.

Property-Value

The password.

- List<Int32> SelectetItemMpIds

Gets or sets the selected item mount position ids for which the parts are to be queried.

Property-Value

The selectet item mount position ids.

- bool ShowPaint

Show Paint.

- 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. GetPartsForWorksMsg

11.1. Summary

Class [AisService._40.Messages.Basket.GetPartsForWorksMsg](#) contains the properties which are necessary to call the web service method [GetPartsForWorks](#) .

11.2. See also

[ServiceBasket.GetPartsForWorks\(...\)](#)

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 ConsumerId

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- string CountryCode

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

Property-Value

The ISO country code.

- string LanguageCode

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

Property-Value

The ISO language code.

- int LtBodyQualCollId

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- int MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- List<PaintWorkPosSettings> PaintSettings

Gets or sets the paint settings.

Property-Value

The paint settings.

- string Password

Gets or sets the password.

Property-Value

The password.

- List<Int32> SelectedWorkIds

Gets or sets a collection with the ids of the selected work positions. This ids can be fetched by using the webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position 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.

12. GetPartsForWorksPaintMsg

12.1. Summary

Class [AisService._40.Messages.Basket.GetPartsForWorksPaintMsg](#) contains the properties which are necessary to call the web service method [GetPartsForWorksPaint](#) .

12.2. See also

[ServiceBasket.GetPartsForWorksPaint\(...\)](#)

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 ConsumerId**

Unique identifier for end user which receive the called data.

Property-Value

Unique end user identifier.

- **string CountryCode**

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

Property-Value

The ISO country code.

- **string LanguageCode**

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

Property-Value

The ISO language code.

- **int LtBodyQualCollId**

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- **int MdBodyQualCollId**

Gets or sets the body qualifier id for maintenance 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.

- **List<PaintWorkPosSettings> PaintSettings**

PaintSettings

- **string Password**

Gets or sets the password.

Property-Value

The password.

- **List<Int32> SelectedWorkIds**

Gets or sets a collection with the ids of the selected work positions. This ids can be fetched by using the webservice methods `ServiceMd.GetMdWorkSteps(...)` and `ServiceLt.GetLtWorkSteps(...)`

Property-Value

The selected work position ids.

- **bool ShowPaint**

Show Paint.

- **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.

13. GetPartsForWorksPaintWithWorkPositionsMsg

13.1. Summary

Class [AisService._40.Messages.Basket.GetPartsForWorksPaintMsg](#) contains the properties which are necessary to call the web service method [GetPartsForWorksPaintWithWorkPositions](#) .

13.2. See also

[ServiceBasket.GetPartsForWorksPaintWithWorkPositions\(...\)](#)

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 ConsumerId**

Gets or sets an unique identifier for end user which receive the called data.

Property-Value

The unique end user identifier.

- **string CountryCode**

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

Property-Value

The ISO country code.

- **string LanguageCode**

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

Property-Value

The ISO language code.

- **int LtBodyQualCollId**

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- **int MdBodyQualCollId**

Gets or sets the body qualifier id for maintenance 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.

- **List<PaintWorkPosSettings> PaintSettings**

Gets or sets the paint settings.

Property-Value

The paint settings.

- **string Password**

Gets or sets the password.

Property-Value

The password.

- List<InWorkPosition> SelectedWorkPositions

Gets or sets a collection with selected work positions represented by ItemMplId, KorId, QualColId and only for maintenance. This values can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and
ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position.

- bool ShowPaint

Gets or sets a value indicating whether the paint is shown.

Property-Value

True if show paint, false if not.

- 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.

14. GetPartsForWorksWithWorkPositionsMsg

14.1. Summary

Class [AisService._40.Messages.Basket.GetPartsForWorksMsg](#) contains the properties which are necessary to call the web service method [GetPartsForWorksWithWorkPositions](#) .

14.2. See also

[ServiceBasket.GetPartsForWorksWithWorkPositions\(...\)](#)

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

Gets or sets an unique identifier for end user which receive the called data.

Property-Value

The unique end user identifier.

- **string CountryCode**

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

Property-Value

The ISO country code.

- **string LanguageCode**

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

Property-Value

The ISO language code.

- **int LtBodyQualCollId**

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- **int MdBodyQualCollId**

Gets or sets the body qualifier id for maintenance 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.

- **List<PaintWorkPosSettings> PaintSettings**

Gets or sets the paint settings.

Property-Value

The paint settings.

- **string Password**

Gets or sets the password.

Property-Value

The password.

- **List<InWorkPosition> SelectedWorkPositions**

Gets or sets a collection with selected work positions represented by ItemMplId, KorId, QualCollId and only for maintenance. This values can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position.

- 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. GetWorkCalcMsg

15.1. Summary

Class [AisService._40.Messages.Basket.GetWorkCalcMsg](#) contains the properties which are necessary to call the web service method [GetWorkCalc](#) .

15.2. See also

[ServiceBasket.GetWorkCalc\(...\)](#)

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.

- string CountryCode

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

Property-Value

The ISO country code.

- bool IsCompositeCalc

Gets or sets a value indicating whether the calculation should consider composite calculation or not.

Property-Value

true if composite calculation is going to be used; otherwise, false.

- KindOfWorkTimeData KindOfWorkTime

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

Property-Value

The kind of unit of the work time.

- string LanguageCode

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

Property-Value

The ISO language code.

- int LtBodyQualCollId

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- int MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- List<PaintWorkPosSettings> PaintSettings

Gets or sets the paint settings.

Property-Value

The paint settings.

- string Password

Gets or sets the password.

Property-Value

The password.

- List<Int32> SelectedWorkIds

Gets or sets a collection with the ids of the selected work positions. This ids can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position 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.

16. GetWorkCalcPaintMsg

16.1. Summary

Class [AisService._40.Messages.Basket.GetWorkCalcPaintMsg](#) contains the properties which are necessary to call the web service method [GetWorkCalcPaint](#) .

16.2. See also

[ServiceBasket.GetWorkCalcPaint\(...\)](#)

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 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.

- bool IsCompositeCalc

Gets or sets a value indicating whether the calculation should consider composite calculation or not.

Property-Value

true if composite calculation is going to be used; otherwise, false.

- KindOfWorkTimeData KindOfWorkTime

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

Property-Value

The kind of unit of the work time.

- string LanguageCode

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

Property-Value

The ISO language code.

- int LtBodyQualCollId

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- int MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- List<PaintWorkPosSettings> PaintSettings

PaintSettings

- string Password

Gets or sets the password.

Property-Value

The password.

- List<Int32> SelectedWorkIds

Gets or sets a collection with the ids of the selected work positions. This ids can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position ids.

- bool ShowPaint

Show Paint.

- 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. GetWorkCalcPaintWithWorkPositionsMsg

17.1. Summary

Class [AisService._40.Messages.Basket.GetWorkCalcPaintWithWorkPositionsMsg](#) contains the properties which are necessary to call the web service method

[AisService._40.ServiceBasket.GetWorkCalcPaintWithWorkPositions\(GetWorkCalcPaintWithWorkPositions\)](#).

17.2. See also

[ServiceBasket.GetWorkCalcPaintWithWorkPositions\(...\)](#)

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 ConsumerId

Gets or sets an unique identifier for end user which receive the called data.

Property-Value

The 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.

- bool IsCompositeCalc

Gets or sets a value indicating whether the calculation should consider composite calculation or not.

Property-Value

true if composite calculation is going to be used; otherwise, false.

- [KindOfWorkTimeData](#) KindOfWorkTime

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

Property-Value

The kind of unit of the work time.

- string LanguageCode

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

Property-Value

The ISO language code.

- int LtBodyQualCollId

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- int MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- List<[PaintWorkPosSettings](#)> PaintSettings

Gets or sets the paint settings.

Property-Value

The paint settings.

- string Password

Gets or sets the password.

Property-Value

The password.

- List<[InWorkPosition](#)> SelectedWorkPositions

Gets or sets a collection with selected work positions represented by ItemMpld, KorId, QualCollId and only for maintenance. This values can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and

ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position.

- **bool ShowPaint**

Gets or sets a value indicating whether the paint is shown.

Property-Value

True if show paint, false if not.

- **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. GetWorkCalcWithWorkPositionsMsg

18.1. Summary

Class [AisService._40.Messages.Basket.GetWorkCalcWithWorkPositionsMsg](#) contains the properties which are necessary to call the web service method [GetWorkCalcWithWorkPositions](#) .

18.2. See also

[ServiceBasket.GetWorkCalcWithWorkPositions\(...\)](#)

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.

- **string ConsumerId**

Gets or sets an unique identifier for end user which receive the called data.

Property-Value

The 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.

- bool IsCompositeCalc

Gets or sets a value indicating whether the calculation should consider composite calculation or not.

Property-Value

true if composite calculation is going to be used; otherwise, false.

- [KindOfWorkTimeData](#) KindOfWorkTime

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

Property-Value

The kind of unit of the work time.

- string LanguageCode

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

Property-Value

The ISO language code.

- int LtBodyQualCollId

Gets or sets the body qualifier id for labour times work positions which defines the vehicle construction.

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

Property-Value

The body qualifier id.

- int MdBodyQualCollId

Gets or sets the body qualifier id for maintenance 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.

- List<[PaintWorkPosSettings](#)> PaintSettings

Gets or sets the paint settings.

Property-Value

The paint settings.

- string Password

Gets or sets the password.

Property-Value

The password.

- List<InWorkPosition> SelectedWorkPositions

Gets or sets a collection with selected work positions represented by ItemMpld, KorId, QualColId and only for maintenance. This values can be fetched by using the

webservice methods ServiceMd.GetMdWorkSteps(...) and ServiceLt.GetLtWorkSteps(...)

Property-Value

The selected work position.

- 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. InItemMpGenArt

19.1. Summary

Represents an item mount position along with a generic article for IN.

19.2. Detailed Module Documentation

19.2.1. Properties

- int GenArtNo

Gets or sets the generic article number.

Property-Value

The generic article number.

- Nullable<Int32> GenCritNo

Gets or sets the generic criterion number.

Property-Value

The generic criterion number.

- string GenCritValue

Gets or sets the generic criterion value.

Property-Value

The generic criterion value.

- **int ItemMpld**

Gets or sets the item mount position id.

Property-Value

The item mount position id.

20. InKindOfModuleTyp

20.1. Summary

Specifies the kinds of modules for IN.

20.2. Detailed Module Documentation

20.2.1. Enums

- **Md**

Modultyp is maintenance data.

- **Lt**

Modultyp is labour times.

- **Paint**

An enum constant representing the paint option.

- **FreePosition**

An enum constant representing the free position option.

21. InKindOfOptCalcParam

21.1. Summary

Specifies the kinds of optional calculation parameters for IN. The calculation parameters are used during invoice calculation.

21.2. Detailed Module Documentation

21.2.1. Enums

- **MechanicsWorkHourRate**

The optional calculation parameter is a mechanics work hour rate.

- **BodyWorkHourRate**

The optional calculation parameter is a body work hour rate.

- **ElectronicsWorkHourRate**

The optional calculation parameter is an electronics work hour rate.

- **SalesTaxRate**

The optional calculation parameter is a sales tax rate.

- **SmallPartAdditionRate**

The optional calculation parameter is a small part addition rate.

- **PaintWorkHourRate**

The optional calculation parameter is a paint work hour rate.

- **PaintSmallPartAddition**

The optional calculation parameter is a small part addition rate for paint.

- **PaintFactorUni**

The optional calculation parameter is a factor for uni paint.

- **PaintFactorTwoLayered**

The optional calculation parameter is a factor for two-layered paint.

- **PaintFactorMultiLayered**

The optional calculation parameter is a factor for multi-layered paint.

22. InKindOfPositionTyp

22.1. Summary

Specifies the kinds of position for IN.

22.2. Detailed Module Documentation

22.2.1. Enums

- **WorkPosition**

Position is a work position.

- **InclusivePosition**

Position is an inclusive position.

- **ExclusivePosition**

Position is an exclusive position.

23. InPaintPartData

23.1. Summary

Represents part data for IN.

23.2. Detailed Module Documentation

23.2.1. Properties

- **List<InPartAmount> Amounts**

Gets or sets a list of part amounts.

Property-Value

The amounts.

- **string Currency**

Gets or sets the currency.

Property-Value

The currency.

- **bool IsCustomPartPrice**

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

Property-Value

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

- **bool IsLocked**

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

Property-Value

true if this part is locked; otherwise, false.

- **bool IsNotToOrder**

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

Property-Value

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

- **int 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.

- **KindOfPart KindOfPart**

Gets or sets the kind of part.

Property-Value

The kind of part.

- **int PartId**

Gets or sets the part id.

Property-Value

The part id.

- string PartNo

Gets or sets the part number.

Property-Value

The part number.

- Nullable<Decimal> PartPrice

Gets or sets the part price.

Property-Value

The part price.

- DateTime PartPriceDate

Gets or sets the part price date.

Property-Value

The part price date.

- string PartPriceSupplier

Gets or sets the part price supplier.

Property-Value

The part price supplier.

- int PartQualCollId

Gets or sets the part qualifier collection id.

Property-Value

The part qualifier collection id.

- string PartQualColText

Gets or sets the part qualifier collection text.

Property-Value

The part qualifier collection text.

24. InPaintPartSetItemMp

24.1. Summary

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

24.2. Detailed Module Documentation

24.2.1. Properties

- bool IsLocked

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

Property-Value

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

- int ItemMpld

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- string ItemMpText

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- List<InPaintPartSetQualCol> PartSetQualCols

Gets or sets the qualifier collections of the part set.

Property-Value

The part set qualifier collections.

- Nullable<Int32> WorkId

Gets or sets the id of the work position.

Property-Value

The work id.

25. InPaintPartSetQualCol

25.1. Summary

Represents a part set qualifier collection for IN

25.2. Detailed Module Documentation

25.2.1. Properties

- bool IsNotToOrder

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

Deprecated:

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

Property-Value

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

- bool IsSet

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

Property-Value

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

- List<InPaintPartData> Parts

Gets or sets a list with parts.

Property-Value

The parts.

- int QualCollId

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

- string QualColText

Gets or sets the text of the qualifier collection.

Property-Value

The qualifier collection text.

- int SetPartId

Gets or sets the set part id.

Property-Value

The set part id.

26. InPartAmount

26.1. Summary

Represents a part amount for IN.

26.2. Detailed Module Documentation

26.2.1. Properties

- Nullable<Decimal> Amount

Gets or sets the amount.

Property-Value

The amount.

- bool IsOnlyForReference

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

Property-Value

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

- int ItemMpld

Gets or sets the item mount position id.

Property-Value

The item mount position id.

- int QualCollId

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

- string QualColText

Gets or sets the text of the qualifier collection.

Property-Value

The qualifier collection text.

- string Quantity

Gets or sets the quantity.

Property-Value

The quantity.

27. InPartData

27.1. Summary

Represents part data for IN.

27.2. Detailed Module Documentation

27.2.1. Properties

- List<[InPartAmount](#)> Amounts

Gets or sets a list of part amounts.

Property-Value

The amounts.

- string Currency

Gets or sets the currency.

Property-Value

The currency.

- bool IsLocked

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

Property-Value

true if this part is locked; otherwise, false.

- **bool IsNotToOrder**

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

Property-Value

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

- **int ItemMpld**

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- **string ItemMpText**

Gets or sets the text of the item mount position.

Property-Value

The item mount position text.

- **int PartId**

Gets or sets the part id.

Property-Value

The part id.

- **string PartNo**

Gets or sets the part number.

Property-Value

The part number.

- **Nullable<Decimal> PartPrice**

Gets or sets the part price.

Property-Value

The part price.

- **DateTime PartPriceDate**

Gets or sets the part price date.

Property-Value

The part price date.

- **string PartPriceSupplier**

Gets or sets the part price supplier.

Property-Value

The part price supplier.

- int PartQualCollId

Gets or sets the part qualifier collection id.

Property-Value

The part qualifier collection id.

- string PartQualColText

Gets or sets the part qualifier collection text.

Property-Value

The part qualifier collection text.

28. InPartSetItemMp

29. InPartSetQualCol

30. InSelectedPartValue

30.1. Summary

Represents a selected part value for IN.

30.2. Detailed Module Documentation

30.2.1. Properties

- int ItemMpld

Gets or sets the item mount position id.

Property-Value

The item mount position id.

- decimal PartAmount

Gets or sets the part amount.

Property-Value

The part amount.

- int PartAmountQualCollId

Gets or sets the part amount qualifier collection id.

Property-Value

The part amount qualifier collection id.

- string PartNo

Gets or sets the part number.

Property-Value

The part number.

- **decimal PartPrice**

Gets or sets the part price.

Property-Value

The part price.

- **int PartQualCollId**

Gets or sets the part qualifier collection id.

Property-Value

The part qualifier collection id.

30.2.2. Methods

- **bool Equals(InSelectedPartValue obj)**

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

Parameter

obj - The object to compare with the current object.

Returns

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

- **int GetHashCode()**

Returns a hash code for this instance.

Returns

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

31. InWorkCalcResultValue

31.1. Summary

Represents a work calculation result value for IN.

31.2. Detailed Module Documentation

31.2.1. Properties

- **Nullable<Single> CalculatedTime**

Gets or sets the calculated time.

Property-Value

The calculated time.

- bool IsAdcTime

Gets or sets a value indicating whether this instance is adc time.

Property-Value

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

- bool IsCompositeTime

Gets or sets a value indicating whether this work calculation result value is a composite time.

Property-Value

true if this work calculation result value is a composite time; otherwise, false.

- bool IsNetWorkTime

Gets or sets a value indicating whether this work calculation result value is a net work time.

Property-Value

true if this work calculation result value is a net work time; otherwise, false.

- bool IsOnlyForReference

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

Property-Value

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

- int ItemMpld

Gets or sets the item mount position id.

Property-Value

The item mount position id.

- KindOfWork KindOfWork

Gets or sets the kind of work id.

Property-Value

The kind of work id.

- KindOfWorkTimeData KindOfWorkTimeData

Gets or sets the kind of work time data.

Property-Value

The kind of work time data.

- int KorId

Gets or sets the kind of repair id.

Property-Value

The kind of repair id.

- InKindOfModuleTyp Modul

Gets or sets the kind of module.

Property-Value

The kind of module.

- **Nullable<Single> OriginalTime**

Gets or sets the original time.

Property-Value

The original time.

- **InKindOfPositionTyp Position**

Gets or sets the position.

Property-Value

The position.

- **int QualCollId**

Gets or sets the qualifier collection id.

Property-Value

The qualifier collection id.

- **int TopWorkid**

Gets or sets the top work id.

Property-Value

The top work id.

- **int Workid**

Gets or sets the work id.

Property-Value

The work id.

- **string WorkPositionNo**

Gets or sets the work position number.

Property-Value

The work position number.

- **string WorkPosText**

Gets or sets the qualifier collection text.

Property-Value

The qualifier collection text.

32. InWorkPosition

32.1. Summary

Represents a work position for IN.

32.2. Detailed Module Documentation

32.2.1. Properties

- **bool IsMdWorkPos**

Gets or sets a value indicating whether this work position is a maintenance work position.

Property-Value

true if this work position is a maintenance work position; otherwise, false.

- **int ItemMpld**

Gets or sets the id of the item mount position.

Property-Value

The item mount position id.

- **int Korld**

Gets or sets the id of the kind of repair.

Property-Value

The kind of repair id.

- **int QualCollId**

Gets or sets the id of the qualifier collection.

Property-Value

The qualifier collection id.

33. KindOfAddition

33.1. Summary

Enum **KindOfAdditions** specifies the kind of the additions.

33.2. Detailed Module Documentation

33.2.1. Enums

- **Undercoating**

The kind of the addition 'Undercoating'.

- **TwoSidePaint**

The kind of the addition 'Two side paint'.

- **Prepainting**

The kind of the addition 'Pre-painting'.

- MixPaint

The kind of the addition 'Mix paint'.

- ColorPattern

The kind of the addition 'Color pattern'.

- TwoColorsPaint

The kind of the addition 'Two colors paint'.

34. KindOfAssembly

34.1. Summary

Enum **KindOfAssembly** specifies the kind of assembly.

34.2. Detailed Module Documentation

34.2.1. Enums

- Screwed

The kind of assembly 'screwed'.

- WeldedOrGlued

The kind of assembly 'welded or glued'.

35. KindOfInstallation

35.1. Summary

Enum **KindOfInstallations** specifies the kind of the installation.

35.2. Detailed Module Documentation

35.2.1. Enums

- Installed

The kind of installation 'Installed'.

- Dismounted

The kind of material 'Dismounted'.

36. KindOfMaterial

36.1. Summary

Enum **KindOfMaterial** specifies the kind of material.

36.2. Detailed Module Documentation

36.2.1. Enums

- Metal

The kind of material 'metal'.

- **Plastic**

The kind of material 'plastic'.

37. KindOfOptionalHeaderValue

37.1. 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.

37.2. Detailed Module Documentation

37.2.1. 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.

38. KindOfPaint

38.1. Summary

Enum **KindOfPaint** specifies the kind of paint.

38.2. Detailed Module Documentation

38.2.1. Enums

- **Uni**
Uni.
- **TwoLayered**
Two layered.
- **MultiLayered**
Multi layered.

39. KindOfPaintStage

39.1. Summary

Enum **KindOfPaintStage** specifies the stage of paint.

39.2. Detailed Module Documentation

39.2.1. Enums

- **S1**
The paint stage 'S1'.
- **S2**
The paint stage 'S2'.
- **S3**
The paint stage 'S3'.
- **S4**
The paint stage 'S4'.

40. KindOfWork

40.1. Summary

Enum **KindOfWork** specifies the kind of work of a work calculation result value.

40.2. Detailed Module Documentation

40.2.1. Enums

- **Mechanics**
A work position is a mechanics work position.
- **Body**
A work position is a body work position.
- **Electronics**
A work position is a electronics work position.
- **Paint**
A work on the paint.

41. KindOfWorkTimeData

41.1. Summary

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

41.2. Detailed Module Documentation

41.2.1. Enums

- **DecimalWorkHours**

The work time is displayed in decimal work hours.

- **ManufacturerWorkPositions**

The work time is displayed in manufacturer work time units.

42. OptHeaderValue

42.1. 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 `AisService._40.ServiceMd.GetMdMaintenancePlanHtml(AisService._40.Messages.Md.GetMdMaintenancePlanHtml Msg)`. 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](#) .

42.2. Example

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

42.3. Detailed Module Documentation

42.3.1. 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.

43. PaintWorkPosSettings

43.1. Summary

Represents settings for a work position for paint part of the AuDaLib which contains all necessary information for selected settings for a work position for calculation.

43.2. Detailed Module Documentation

43.2.1. Properties

- **QualCol** AreaQualCol
Gets or sets the area qualifier collection.
- **bool** IsTwoSided
Gets or sets the two sided flag.
- **int** ItemMpld
Gets or sets the item mount position Id.
- **string** ItemMpText
Gets or sets the item mount position text.
- **List<KindOfAddition>** KindOfAdditions
Gets or sets the kind of additions.
- **KindOfAssembly** KindOfAssembly
Gets or sets the kind of assembly.
- **KindOfInstallation** KindOfInstallation
Gets or sets the kind of installation.
- **KindOfMaterial** KindOfMaterial
Gets or sets the kind of material.
- **KindOfPaint** KindOfPaint
Gets or sets the kind of paint.
- **KindOfPaintStage** KindOfPaintStage
Gets or sets the kind of paint stage.
- **Nullable<Int32>** PaintGroupld
Gets or sets the paint group Id.

44. QualCol

44.1. Summary

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

44.2. Detailed Module Documentation

44.2.1. 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.