

Inspector interface documentation

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Contents

1	Namespace Index	1
1.1	Packages	1
2	Hierarchical Index	3
2.1	Class Hierarchy	3
3	Class Index	5
3.1	Class List	5
4	Namespace Documentation	7
4.1	Inspector Namespace Reference	7
4.2	Inspector.BusinessLogic Namespace Reference	7
4.3	Inspector.BusinessLogic.Data Namespace Reference	7
4.4	Inspector.BusinessLogic.Data.Configuration Namespace Reference	7
4.5	Inspector.BusinessLogic.Data.Configuration.Interfaces Namespace Reference	7
4.6	Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers Namespace Reference	8
4.7	Inspector.BusinessLogic.Data.Reporting Namespace Reference	8
4.8	Inspector.BusinessLogic.Data.Reporting.Interfaces Namespace Reference	8
4.9	Inspector.BusinessLogic.Interfaces Namespace Reference	8
4.10	Inspector.BusinessLogic.Interfaces.Events Namespace Reference	9
5	Class Documentation	11
5.1	Inspector.BusinessLogic.Interfaces.Events.DeviceUnPairedEventArgs Class Reference	11
5.2	Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs Class Reference	11
5.2.1	Detailed Description	12
5.2.2	Constructor & Destructor Documentation	12
5.2.2.1	ExecuteInspectionStepEventArgs(ScriptCommandBase scriptCommand, int currentInspectionStep, int totalInspectionSteps)	12
5.2.3	Property Documentation	12
5.2.3.1	CurrentInspectionStep	12
5.2.3.2	ScriptCommand	12
5.2.3.3	TotalInspectionSteps	12
5.3	Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs Class Reference	13

5.3.1	Detailed Description	13
5.3.2	Constructor & Destructor Documentation	13
5.3.2.1	FinishInitializationEventArgs(InitializationResult result, int errorCode)	13
5.3.3	Property Documentation	13
5.3.3.1	ErrorCode	13
5.3.3.2	Result	14
5.4	Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs Class Reference	14
5.4.1	Detailed Description	14
5.4.2	Constructor & Destructor Documentation	15
5.4.2.1	FinishInitializationStepEventArgs(string stepId, InitializationStepResult result, string message, int errorCode, InitializationManometer manometer)	15
5.4.3	Property Documentation	16
5.4.3.1	ErrorCode	16
5.4.3.2	Manometer	16
5.4.3.3	Message	16
5.4.3.4	Result	16
5.4.3.5	StepId	16
5.5	Inspector.BusinessLogic.Interfaces.IActivityControl Interface Reference	16
5.5.1	Detailed Description	17
5.5.2	Member Function Documentation	17
5.5.2.1	Abort()	17
5.5.2.2	SetUiResponse(UiResponse response)	17
5.5.2.3	UnPairAllDevices()	17
5.5.2.4	UnPairDevice(string address)	17
5.5.3	Event Documentation	18
5.5.3.1	DeviceUnPaired	18
5.5.3.2	DeviceUnPairFinished	18
5.5.3.3	InitializationFinished	18
5.5.3.4	InitializationStepFinished	18
5.5.3.5	InitializationStepStarted	18
5.5.3.6	UiRequest	18
5.6	Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInformationManager Interface Reference	19
5.6.1	Detailed Description	19
5.6.2	Member Function Documentation	19
5.6.2.1	Refresh()	19
5.7	Inspector.BusinessLogic.Interfaces.IInitializationActivityControl Interface Reference	19
5.7.1	Detailed Description	20
5.7.2	Member Function Documentation	20
5.7.2.1	ExecuteInitialization()	20

5.8	Inspector.BusinessLogic.Interfaces.IInspectionActivityControl Interface Reference	20
5.8.1	Detailed Description	21
5.8.2	Member Function Documentation	21
5.8.2.1	ExecuteInspection(string prsName, string gclName)	21
5.8.2.2	ExecuteInspection(string inspectionProcedureName, string prsName, string gclName)	21
5.8.2.3	ExecutePartialInspection(SectionSelection sectionSelection, string prsName, string gclName)	22
5.8.2.4	InspectionStepComplete(InspectionStepResultBase inspectionStepResult)	22
5.8.2.5	Retry()	22
5.8.2.6	StartContinuousMeasurement()	22
5.8.2.7	StopContinuousMeasurement()	22
5.8.2.8	StoreRemark(InspectionStepResultText remarkStepResult)	23
5.8.3	Event Documentation	24
5.8.3.1	ContinuousMeasurementStarted	24
5.8.3.2	ExecuteInspectionStep	24
5.8.3.3	ExtraMeasurementStarted	24
5.8.3.4	InspectionError	24
5.8.3.5	InspectionFinished	24
5.8.3.6	MeasurementResult	24
5.8.3.7	MeasurementsCompleted	25
5.8.3.8	MeasurementsReceived	25
5.8.3.9	SafetyValueTriggered	25
5.9	Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager Interface Reference	25
5.9.1	Detailed Description	26
5.9.2	Member Function Documentation	26
5.9.2.1	FindObjectNameDescriptionAndMeasurePointDescription(string objectName, string measurePoint, int?fieldNo, out string objectNameDescription, out string measurePointDescription)	26
5.9.2.2	InspectionProcedureExists(string inspectionProcedureName)	26
5.9.2.3	LookupInspectionProcedure(string inspectionProcedureName, string prsName, string gasControlLineName=null)	27
5.9.2.4	LookupInspectionProcedureSections(string inspectionProcedureName)	28
5.9.2.5	LookupPartialInspectionProcedure(SectionSelection sectionSelection, string prsName, string gasControlLineName=null)	28
5.9.3	Property Documentation	29
5.9.3.1	InspectionProcedureNames	29
5.10	Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader Interface Reference	29
5.10.1	Detailed Description	29
5.10.2	Member Function Documentation	30
5.10.2.1	LookupAllResults(string prsName, string gclName=null)	30

5.10.2.2	LookupLastReportResult(string prsName, string measurePoint, string object↵ Name, int?FieldNumber=null)	30
5.10.2.3	LookupLastReportResult(string prsName, string gclName, string measurePoint, string objectName, int?FieldNumber=null)	30
5.10.2.4	LookupLastResult(string prsName, string gclName=null)	30
5.10.2.5	LookupPreviousToLastReportResult(string prsName, string measurePoint, string objectName, int?FieldNumber=null)	31
5.10.2.6	LookupPreviousToLastReportResult(string prsName, string gclName, string measurePoint, string objectName, int?FieldNumber=null)	32
5.10.2.7	LookupPreviousToLastResult(string prsName, string gclName=null)	32
5.11	Inspector.BusinessLogic.Interfaces.Events.InspectionEventArgs Class Reference	32
5.11.1	Detailed Description	33
5.11.2	Property Documentation	33
5.11.2.1	ErrorCode	33
5.12	Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs Class Reference	33
5.12.1	Detailed Description	33
5.12.2	Constructor & Destructor Documentation	34
5.12.2.1	InspectionFinishedEventArgs(InspectionStatus result, int errorCode, Section↵ Selection partialInspection)	34
5.12.3	Property Documentation	34
5.12.3.1	ErrorCode	34
5.12.3.2	PartialInspection	34
5.12.3.3	Result	34
5.13	Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IPlexorInformationManager Inter- face Reference	34
5.13.1	Detailed Description	35
5.13.2	Property Documentation	35
5.13.2.1	PlexorsInformation	35
5.14	Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager In- terface Reference	35
5.14.1	Detailed Description	36
5.14.2	Member Function Documentation	36
5.14.2.1	GetInspectionStatus(string prsName, string gclName=null)	36
5.14.2.2	LookupGasControlLineInformation(string prsName, string gclName)	37
5.14.2.3	LookupGasControlLineInformation(StationInformation stationInfo, string gclName)	38
5.14.2.4	LookupGasControlLineObject(string prsName, string measurePoint, string objectName, int?fieldNumber=null)	38
5.14.2.5	LookupGasControlLineObject(string prsName, string gclName, string measure↵ Point, string objectName, int?fieldNumber=null)	38
5.14.2.6	LookupInspectionProcedureName(string prsName, string gclName=null)	39
5.14.2.7	LookupPaRangeDM(string prsName, string gclName)	39
5.14.2.8	LookupPeRangeDM(string prsName, string gclName)	39
5.14.2.9	LookupStationInformation(string prsName)	40

5.14.2.10 SetInspectionStatus(InspectionStatus status, string prsName, string gclName=null)	40
5.14.3 Property Documentation	40
5.14.3.1 GetInspectionStatuses	40
5.14.3.2 StationsInformation	41
5.15 Inspector.BusinessLogic.Interfaces.Events.MeasurementEventArgs Class Reference	41
5.15.1 Detailed Description	41
5.15.2 Property Documentation	41
5.15.2.1 Measurements	41
5.16 Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs Class Reference	41
5.16.1 Detailed Description	42
5.16.2 Constructor & Destructor Documentation	42
5.16.2.1 MeasurementResultEventArgs(double measurementValue, bool measurementValueOutOfLimits, bool hasMeasurementValue)	42
5.16.3 Property Documentation	42
5.16.3.1 HasMeasurementValue	42
5.16.3.2 MeasurementValue	43
5.16.3.3 MeasurementValueOutOfLimits	43
5.17 Inspector.BusinessLogic.Interfaces.Events.MeasurementValuesEventArgs Class Reference	43
5.17.1 Detailed Description	43
5.17.2 Property Documentation	43
5.17.2.1 MeasurementValues	43
5.18 Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs Class Reference	44
5.18.1 Property Documentation	44
5.18.1.1 IoStatus	44
5.18.1.2 MeasurementValue	44
5.19 Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs Class Reference	44
5.19.1 Detailed Description	45
5.19.2 Constructor & Destructor Documentation	45
5.19.2.1 StartInitializationStepEventArgs(string stepId)	45
5.19.3 Property Documentation	45
5.19.3.1 StepId	45
5.20 Inspector.BusinessLogic.Interfaces.Events.UiRequestEventArgs Class Reference	45
Index	47

Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

Inspector	7
Inspector.BusinessLogic	7
Inspector.BusinessLogic.Data	7
Inspector.BusinessLogic.Data.Configuration	7
Inspector.BusinessLogic.Data.Configuration.Interfaces	7
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers	8
Inspector.BusinessLogic.Data.Reporting	8
Inspector.BusinessLogic.Data.Reporting.Interfaces	8
Inspector.BusinessLogic.Interfaces	8
Inspector.BusinessLogic.Interfaces.Events	9

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

EventArgs

Inspector.BusinessLogic.Interfaces.Events.DeviceUnPairedEventArgs	11
Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs	11
Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs	13
Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs	14
Inspector.BusinessLogic.Interfaces.Events.InspectionErrorEventArgs	32
Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs	33
Inspector.BusinessLogic.Interfaces.Events.MeasurementEventArgs	41
Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs	41
Inspector.BusinessLogic.Interfaces.Events.MeasurementValuesEventArgs	43
Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs	44
Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs	44
Inspector.BusinessLogic.Interfaces.Events.UiRequestEventArgs	45

IDisposable

Inspector.BusinessLogic.Interfaces.IActivityControl	16
Inspector.BusinessLogic.Interfaces.IInitializationActivityControl	19
Inspector.BusinessLogic.Interfaces.IInspectionActivityControl	20
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInformationManager	19
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager	25
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IPlexorInformationManager	34
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager	35
Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader	29

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

Inspector.BusinessLogic.Interfaces.Events.DeviceUnPairedEventArgs	11
Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs	
ExecuteStepEventArgs	11
Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs	
FinishInitializationEventArgs	13
Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs	
FinishInitializationStepEventArgs	14
Inspector.BusinessLogic.Interfaces.IActivityControl	
This is the base interface that is extended by the IInspectionActivityControl and the IInitializationActivityControl . Since the device needs to be initialized both when performing an InitializationActivity and when performing an InspectionActivity , the events that result from initialization are defined here.	16
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInformationManager	
This is the base interface that is extended by the specific information manager. This contains all functions that are identical in all information managers.	19
Inspector.BusinessLogic.Interfaces.IInitializationActivityControl	
Specific interface for a separate Initialization activity	19
Inspector.BusinessLogic.Interfaces.IInspectionActivityControl	
Specific interface for an inspection activity	20
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager	
InspectionInformationManager interface. The inspection information manager loads the inspection procedure xml file. This interface contains function to search for inspection steps and procedures.	25
Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader	
InspectionResultReader interface, reads the last two results from the result.xml and lastresult.xml	29
Inspector.BusinessLogic.Interfaces.Events.InspectionErrorEventArgs	
InspectionErrorEventArgs	32
Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs	
InspectionFinishedEventArgs	33
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IPlexorInformationManager	
PlexorInformationManager interface the PlexorInformationManager loads the 'plexor.xml' file. This interface provides a method to retrieve the information about the plexor(s) described in that file.	34
Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager	
StationInformationManager interface Th stationInformationManager loads the stationInformation xml file. This interface can be used to find information about the Gas control line, and also provides methods to find information about the inspectionProcedure and inspectionStatus.	35

Inspector.BusinessLogic.Interfaces.Events.MeasurementEventArgs	
MeasurementEventArgs	41
Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs	
MeasurementResultEventArgs	41
Inspector.BusinessLogic.Interfaces.Events.MeasurementValuesEventArgs	
MeasurementValuesEventArgs	43
Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs	44
Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs	
StartInitializationStepEventArgs	44
Inspector.BusinessLogic.Interfaces.Events.UiRequestEventArgs	45

Chapter 4

Namespace Documentation

4.1 Inspector Namespace Reference

Namespaces

- namespace [BusinessLogic](#)

4.2 Inspector.BusinessLogic Namespace Reference

Namespaces

- namespace [Data](#)
- namespace [Interfaces](#)

4.3 Inspector.BusinessLogic.Data Namespace Reference

Namespaces

- namespace [Configuration](#)
- namespace [Reporting](#)

4.4 Inspector.BusinessLogic.Data.Configuration Namespace Reference

Namespaces

- namespace [Interfaces](#)

4.5 Inspector.BusinessLogic.Data.Configuration.Interfaces Namespace Reference

Namespaces

- namespace [Managers](#)

4.6 Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers Namespace Reference

Classes

- interface [IInformationManager](#)

This is the base interface that is extended by the specific information manager. This contains all functions that are identical in all information managers.

- interface [IInspectionInformationManager](#)

InspectionInformationManager interface. The inspection information manager loads the inspection procedure xml file. This interface contains function to search for inspection steps and procedures.

- interface [IPlexorInformationManager](#)

PlexorInformationManager interface the PlexorInformationManager loads the 'plexor.xml' file. This interface provides a method to retrieve the information about the plexor(s) described in that file.

- interface [IStationInformationManager](#)

StationInformationManager interface Th stationInformationManager loads the stationInformation xml file. This interface can be used to find information about the Gas control line, and also provides methods to find information about the inspectionProcedure and inspectionStatus.

4.7 Inspector.BusinessLogic.Data.Reporting Namespace Reference

Namespaces

- namespace [Interfaces](#)

4.8 Inspector.BusinessLogic.Data.Reporting.Interfaces Namespace Reference

Classes

- interface [IInspectionResultReader](#)

InspectionResultReader interface, reads the last two results from the result.xml and lastresult.xml

4.9 Inspector.BusinessLogic.Interfaces Namespace Reference

Namespaces

- namespace [Events](#)

Classes

- interface [IActivityControl](#)

This is the base interface that is extended by the [IInspectionActivityControl](#) and the [IInitializationActivityControl](#). Since the device needs to be initialized both when performing an InitializationActivity and when performing an Inspection↔Activity, the events that result from initialization are defined here.

- interface [IInitializationActivityControl](#)

Specific interface for a separate Initialization activity

- interface [IInspectionActivityControl](#)

Specific interface for an inspection activity

Enumerations

- enum **UiRequestResponseType** { **YesNo**, **YesNoRecheck** }
- enum **UiResponse** { **Yes**, **No**, **Recheck** }

4.10 Inspector.BusinessLogic.Interfaces.Events Namespace Reference

Classes

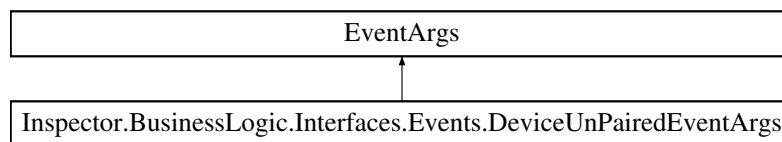
- class [DeviceUnPairedEventArgs](#)
- class [ExecuteInspectionStepEventArgs](#)
ExecuteStepEventArgs
- class [FinishInitializationEventArgs](#)
FinishInitializationEventArgs
- class [FinishInitializationStepEventArgs](#)
FinishInitializationStepEventArgs
- class [InspectionErrorEventArgs](#)
InspectionErrorEventArgs
- class [InspectionFinishedEventArgs](#)
InspectionFinishedEventArgs
- class [MeasurementEventArgs](#)
MeasurementEventArgs
- class [MeasurementResultEventArgs](#)
MeasurementResultEventArgs
- class [MeasurementValuesEventArgs](#)
MeasurementValuesEventArgs
- class [SafetyValueTriggeredEventArgs](#)
- class [StartInitializationStepEventArgs](#)
StartInitializationStepEventArgs
- class [UiRequestEventArgs](#)

Chapter 5

Class Documentation

5.1 Inspector.BusinessLogic.Interfaces.Events.DeviceUnPairedEventArgs Class Reference

Inheritance diagram for Inspector.BusinessLogic.Interfaces.Events.DeviceUnPairedEventArgs:



Public Member Functions

- **DeviceUnPairedEventArgs** (string address)

Properties

- string **Address** [get, set]

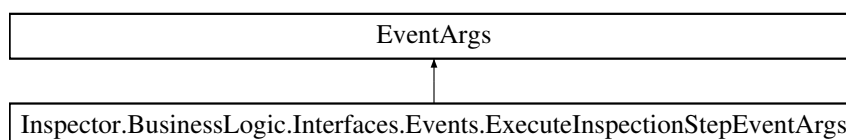
The documentation for this class was generated from the following file:

- Inspector.BusinessLogic.Interfaces/Events/DeviceUnPairedEventArgs.cs

5.2 Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs Class Reference

ExecuteStepEventArgs

Inheritance diagram for Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs:



Public Member Functions

- [ExecuteInspectionStepEventArgs](#) (ScriptCommandBase scriptCommand, int currentInspectionStep, int totalInspectionSteps)

Initializes a new instance of the [ExecuteInspectionStepEventArgs](#) class.

Properties

- ScriptCommandBase [ScriptCommand](#) [get]
Gets the script command.
- int [CurrentInspectionStep](#) [get]
Gets the current inspection step.
- int [TotalInspectionSteps](#) [get]
Gets the total inspection steps.

5.2.1 Detailed Description

ExecuteStepEventArgs

5.2.2 Constructor & Destructor Documentation

- 5.2.2.1 [Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs.ExecuteInspectionStepEventArgs](#) (ScriptCommandBase scriptCommand, int currentInspectionStep, int totalInspectionSteps)

Initializes a new instance of the [ExecuteInspectionStepEventArgs](#) class.

Parameters

<i>message</i>	The message.
----------------	--------------

5.2.3 Property Documentation

- 5.2.3.1 [int Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs.CurrentInspectionStep](#) [get]

Gets the current inspection step.

The current inspection step.

- 5.2.3.2 [ScriptCommandBase Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs.ScriptCommand](#) [get]

Gets the script command.

- 5.2.3.3 [int Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs.TotalInspectionSteps](#) [get]

Gets the total inspection steps.

The total inspection steps.

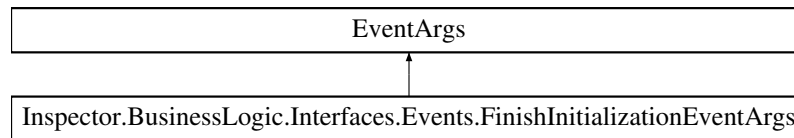
The documentation for this class was generated from the following file:

- [Inspector.BusinessLogic.Interfaces/Events/ExecuteInspectionStepEventArgs.cs](#)

5.3 Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs Class Reference

[FinishInitializationEventArgs](#)

Inheritance diagram for Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs:



Public Member Functions

- [FinishInitializationEventArgs](#) (InitializationResult result, int errorCode)
Initializes a new instance of the [FinishInitializationEventArgs](#) class.

Properties

- InitializationResult [Result](#) [get]
Gets the result.
- int [ErrorCode](#) [get, set]
Gets or sets the error code.

5.3.1 Detailed Description

[FinishInitializationEventArgs](#)

5.3.2 Constructor & Destructor Documentation

5.3.2.1 Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs.FinishInitializationEventArgs (InitializationResult result, int errorCode)

Initializes a new instance of the [FinishInitializationEventArgs](#) class.

Parameters

<i>result</i>	The result.
<i>errorCode</i>	The error code.

5.3.3 Property Documentation

5.3.3.1 int Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs.ErrorCode [get], [set]

Gets or sets the error code.

The error code.

ErrorCodes.INITIALIZATION_FINISHED_SUCCESSFULLY: No errors encountered

ErrorCodes.INITIALIZATION_FINISHED_ERROR: The initialization had an error in one of the steps

ErrorCodes.INITIALIZATION_FINISHED_WARNING: The initialization had a warning in one or more of the steps

ErrorCodes.INITIALIZATION_FINISHED_TIMEOUT: The initialization encountered a timeout on one or more of the manometers

Other error code: The error code that occurred (e.g.: `ErrorCodes.COMMUNICATIONCONTROL_ALREADY_CLAIMED`)

5.3.3.2 `InitializationResult` `Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs.Result` [get]

Gets the result.

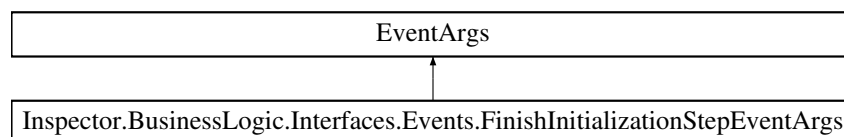
The documentation for this class was generated from the following file:

- `Inspector.BusinessLogic.Interfaces/Events/FinishInitializationEventArgs.cs`

5.4 `Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs` Class Reference

[FinishInitializationStepEventArgs](#)

Inheritance diagram for `Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs`:



Public Member Functions

- [FinishInitializationStepEventArgs](#) (string stepId, InitializationStepResult result, string message, int errorCode, InitializationManometer manometer)

Initializes a new instance of the [FinishInitializationStepEventArgs](#) class.

Properties

- string [Message](#) [get]
Gets the message.
- string [StepId](#) [get]
Gets the initialization step id.
- InitializationStepResult [Result](#) [get]
Gets the result.
- int [ErrorCode](#) [get]
Gets the error code.
- InitializationManometer [Manometer](#) [get, set]
Gets or sets the manometer.

5.4.1 Detailed Description

[FinishInitializationStepEventArgs](#)

5.4.2 Constructor & Destructor Documentation

5.4.2.1 Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs.FinishInitializationStepEventArgs (string *stepId*, InitializationStepResult *result*, string *message*, int *errorCode*, InitializationManometer *manometer*)

Initializes a new instance of the [FinishInitializationStepEventArgs](#) class.

Parameters

<i>stepId</i>	The step id.
<i>result</i>	The result.
<i>message</i>	The message from the device.

5.4.3 Property Documentation

5.4.3.1 `int Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs.ErrorCode` [get]

Gets the error code.

5.4.3.2 `InitializationManometer Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs.Manometer`
[get], [set]

Gets or sets the manometer.

The manometer.

5.4.3.3 `string Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs.Message` [get]

Gets the message.

5.4.3.4 `InitializationStepResult Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs.Result` [get]

Gets the result.

5.4.3.5 `string Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs.StepId` [get]

Gets the initialization step id.

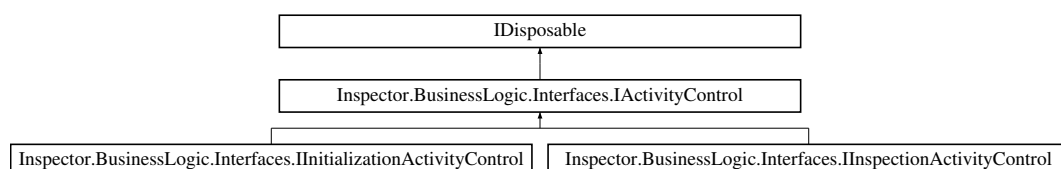
The documentation for this class was generated from the following file:

- `Inspector.BusinessLogic.Interfaces/Events/FinishInitializationStepEventArgs.cs`

5.5 Inspector.BusinessLogic.Interfaces.IActivityControl Interface Reference

This is the base interface that is extended by the [IInspectionActivityControl](#) and the [IInitializationActivityControl](#). Since the device needs to be initialized both when performing an `InitializationActivity` and when performing an `InspectionActivity`, the events that result from initialization are defined here.

Inheritance diagram for `Inspector.BusinessLogic.Interfaces.IActivityControl`:



Public Member Functions

- void [SetUiResponse](#) (UiResponse response)

- Returns the response from the user to the ActivityControl*
- void [UnPairDevice](#) (string address)
Unpairs the device given by the address
- void [UnPairAllDevices](#) ()
Unpairs all bt devices that are paired, and have a device name of "PLEXOR BT IRDA" or "PLEXOR BT WIS"
- void [Abort](#) ()
aborts the initialization

Events

- EventHandler [InitializationStepStarted](#)
Occurs when an initialization step is started.
- EventHandler [InitializationStepFinished](#)
Occurs when an initialization step is finished.
- EventHandler [InitializationFinished](#)
Occurs when the entire initialization is finished.
- EventHandler [DeviceUnPaired](#)
Occurs when a device is unpaired.
- EventHandler [DeviceUnPairFinished](#)
Occurs when the unpair action has finished
- EventHandler< [UiRequestEventArgs](#) > [UiRequest](#)
Occurs when the Activity requires information from the user.

5.5.1 Detailed Description

This is the base interface that is extended by the [IInspectionActivityControl](#) and the [IInitializationActivityControl](#). Since the device needs to be initialized both when performing an InitializationActivity and when performing an InspectionActivity, the events that result from initialization are defined here.

5.5.2 Member Function Documentation

5.5.2.1 void Inspector.BusinessLogic.Interfaces.IActivityControl.Abort ()

aborts the initialization

5.5.2.2 void Inspector.BusinessLogic.Interfaces.IActivityControl.SetUiResponse ([UiResponse](#) response)

Returns the response from the user to the ActivityControl

Parameters

<i>response</i>	
-----------------	--

5.5.2.3 void Inspector.BusinessLogic.Interfaces.IActivityControl.UnPairAllDevices ()

Unpairs all bt devices that are paired, and have a device name of "PLEXOR BT IRDA" or "PLEXOR BT WIS"

5.5.2.4 void Inspector.BusinessLogic.Interfaces.IActivityControl.UnPairDevice (string address)

Unpairs the device given by the address

Parameters

<i>address</i>	
----------------	--

5.5.3 Event Documentation

5.5.3.1 EventHandler `Inspector.BusinessLogic.Interfaces.IActivityControl.DeviceUnPaired`

Occurs when a device is unpaired.

Returns

[Inspector.BusinessLogic.Interfaces.Events.DeviceUnPairedEventArgs](#)

5.5.3.2 EventHandler `Inspector.BusinessLogic.Interfaces.IActivityControl.DeviceUnPairFinished`

Occurs when the unpair action has finished

5.5.3.3 EventHandler `Inspector.BusinessLogic.Interfaces.IActivityControl.InitializationFinished`

Occurs when the entire initialization is finished.

InitializationResult

Returns

[Inspector.BusinessLogic.Interfaces.Events.FinishInitializationEventArgs](#)

5.5.3.4 EventHandler `Inspector.BusinessLogic.Interfaces.IActivityControl.InitializationStepFinished`

Occurs when an initialization step is finished.

Returns

[Inspector.BusinessLogic.Interfaces.Events.FinishInitializationStepEventArgs](#)

5.5.3.5 EventHandler `Inspector.BusinessLogic.Interfaces.IActivityControl.InitializationStepStarted`

Occurs when an initialization step is started.

Returns

[Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs](#)

5.5.3.6 EventHandler<`UiRequestEventArgs`> `Inspector.BusinessLogic.Interfaces.IActivityControl.UiRequest`

Occurs when the Activity requires information from the user.

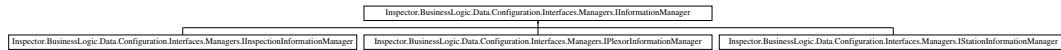
The documentation for this interface was generated from the following file:

- `Inspector.BusinessLogic.Interfaces/IActivityControl.cs`

5.6 Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInformationManager Interface Reference

This is the base interface that is extended by the specific information manager. This contains all functions that are identical in all information managers.

Inheritance diagram for Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInformationManager:



Public Member Functions

- void [Refresh](#) ()
Refresh the data by reloading the storage backend.

5.6.1 Detailed Description

This is the base interface that is extended by the specific information manager. This contains all functions that are identical in all information managers.

5.6.2 Member Function Documentation

5.6.2.1 void Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInformationManager.Refresh ()

Refresh the data by reloading the storage backend.

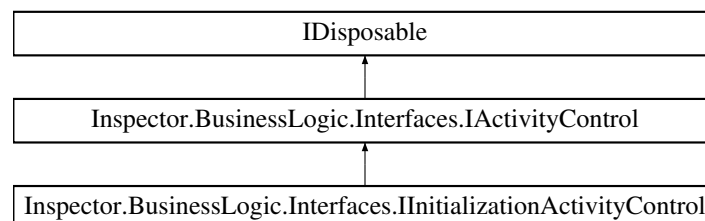
The documentation for this interface was generated from the following file:

- Inspector.BusinessLogic.Data.Configuration.Interfaces/Managers/IInformationManager.cs

5.7 Inspector.BusinessLogic.Interfaces.IInitializationActivityControl Interface Reference

Specific interface for a separate Initialization activity

Inheritance diagram for Inspector.BusinessLogic.Interfaces.IInitializationActivityControl:



Public Member Functions

- void [ExecuteInitialization](#) ()
Executes an initialization activity.

Additional Inherited Members

5.7.1 Detailed Description

Specific interface for a separate Initialization activity

5.7.2 Member Function Documentation

5.7.2.1 void Inspector.BusinessLogic.Interfaces.IInitializationActivityControl.ExecuteInitialization ()

Executes an initialization activity.

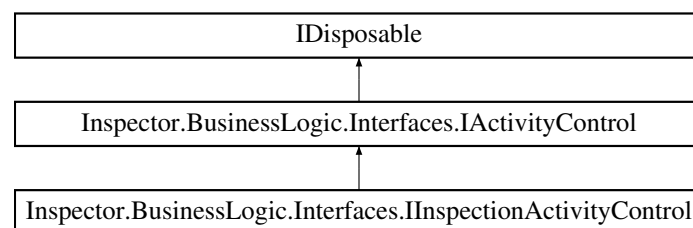
The documentation for this interface was generated from the following file:

- Inspector.BusinessLogic.Interfaces/IInitializationActivityControl.cs

5.8 Inspector.BusinessLogic.Interfaces.IInspectionActivityControl Interface Reference

Specific interface for an inspection activity

Inheritance diagram for Inspector.BusinessLogic.Interfaces.IInspectionActivityControl:



Public Member Functions

- bool [ExecuteInspection](#) (string prsName, string gclName)
Execute an inspection based on the prsName and the GclName. Inspections are search in the InspectionProcedure xml file.
- bool [ExecuteInspection](#) (string inspectionProcedureName, string prsName, string gclName)
Execute an inspection based on the inspectionProcedureName, prsName and GclName. Inspections are search in the InspectionProcedure xml file.
- bool [ExecutePartialInspection](#) (SectionSelection sectionSelection, string prsName, string gclName)
Executes a partial inspection, based on the selected sections to be executed, the prsName and gclName Inspections are search in the InspectionProcedure xml file.
- void [StoreRemark](#) (InspectionStepResultText remarkStepResult)
Stores a remark in the InspectionReport.
- void [InspectionStepComplete](#) (InspectionStepResultBase inspectionStepResult)
Called by the UI when an inspection steo is complete. This is only used for manual inspection steps
- void [Retry](#) ()
Retry the last failed action as notified by the InspectionError event.
- void [StartContinuousMeasurement](#) ()
Starts the continuous measurements of the current inspection procedure step.
- void [StopContinuousMeasurement](#) ()
Stops the continuous measurement.

Events

- EventHandler [InspectionFinished](#)
Occurs when the inspection is finished.
- EventHandler [ExecuteInspectionStep](#)
Occurs when [execute step].
- EventHandler [InspectionError](#)
Occurs when there was an error while executing the inspection step.
- EventHandler [MeasurementsReceived](#)
Occurs when there are measurements received.
- EventHandler [MeasurementsCompleted](#)
Occurs when the continuous measurement is completed.
- EventHandler [ExtraMeasurementStarted](#)
Occurs when an extra measurement period is started.
- EventHandler [MeasurementResult](#)
Occurs when a measurement result is available.
- EventHandler [ContinuousMeasurementStarted](#)
Occurs when the continuous measurment is started.
- EventHandler [SafetyValueTriggered](#)
Occurs when it is detected that the safety has been triggered.

5.8.1 Detailed Description

Specific interface for an inspection activity

5.8.2 Member Function Documentation

5.8.2.1 `bool Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.ExecuteInspection (string prsName, string gclName)`

Execute an inspection based on the prsName and the GclName. Inspections are search in the InspectionProcedure xml file.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.

Returns

True if the inspection is succesfully started, false if another inspection is already running which is not yet completed

5.8.2.2 `bool Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.ExecuteInspection (string inspectionProcedureName, string prsName, string gclName)`

Execute an inspection based on the inspectionProcedureName, prsName and GclName. Inspections are search in the InspectionProcedure xml file.

Parameters

<i>inspection</i> ↔ <i>ProcedureName</i>	Name of the inspection procedure to execute.
<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.

Returns

True if the inspection is succesfully started, false if another inspection is already running which is not yet completed

5.8.2.3 `bool Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.ExecutePartialInspection (SectionSelection sectionSelection, string prsName, string gclName)`

Executes a partial inspection, based on the selected sections to be executed, the prsName and gclName Inspections are search in the InspectionProcedure xml file.

Parameters

<i>sectionSelection</i>	The section selection.
<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.

Returns

True if the inspection is succesfully started, false if another inspection is already running which is not yet completed

5.8.2.4 `void Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.InspectionStepComplete (InspectionStepResultBase inspectionStepResult)`

Called by the UI when an inspection step is complete. This is only used for manual inspection steps

Parameters

<i>inspectionStep</i> ↔ <i>Result</i>	The inspection step result.
--	-----------------------------

5.8.2.5 `void Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.Retry ()`

Retry the last failed action as notified by the InspectionError event.

Exceptions

<i>InspectionException</i>	Thrown when a retry is attempted when the inspection is not in an error situation.
----------------------------	--

5.8.2.6 `void Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.StartContinuousMeasurement ()`

Starts the continuous measurements of the current inspection procedure step.

5.8.2.7 `void Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.StopContinuousMeasurement ()`

Stops the continuous measurement.

5.8.2.8 void Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.StoreRemark (InspectionStepResultText
remarkStepResult)

Stores a remark in the InspectionReport.

Parameters

<i>remarkStep↔ Result</i>	The remark step result.
-------------------------------	-------------------------

5.8.3 Event Documentation

5.8.3.1 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.ContinuousMeasurementStarted

Occurs when the continuous measurment is started.

Returns

Empty EventArgs

5.8.3.2 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.ExecuteInspectionStep

Occurs when [execute step].

5.8.3.3 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.ExtraMeasurementStarted

Occurs when an extra measurement period is started.

Returns

Empty EventArgs

5.8.3.4 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.InspectionError

Occurs when there was an error while executing the inspection step.

Returns

[Inspector.BusinessLogic.Interfaces.Events.InspectionErrorEventArgs](#)

5.8.3.5 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.InspectionFinished

Occurs when the inspection is finished.

Returns

[Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs](#)

5.8.3.6 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.MeasurementResult

Occurs when a measurement result is available.

Returns

[Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs](#)

5.8.3.7 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.MeasurementsCompleted

Occurs when the continuous measurement is completed.

Returns

[Inspector.BusinessLogic.Interfaces.Events.ExecuteInspectionStepEventArgs](#)

5.8.3.8 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.MeasurementsReceived

Occurs when there are measurements received.

Returns

[Inspector.BusinessLogic.Interfaces.Events.MeasurementEventArgs](#)

5.8.3.9 EventHandler Inspector.BusinessLogic.Interfaces.IInspectionActivityControl.SafetyValueTriggered

Occurs when it is detected that the safety has been triggered.

Returns

[Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs](#)

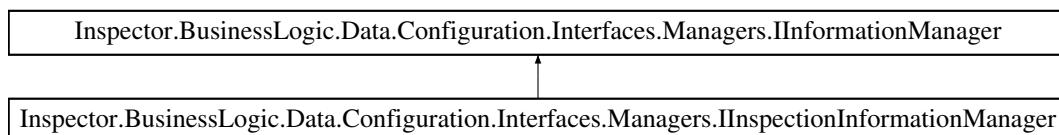
The documentation for this interface was generated from the following file:

- [Inspector.BusinessLogic.Interfaces/IInspectionActivityControl.cs](#)

5.9 Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager↔ Manager Interface Reference

InspectionInformationManager interface. The inspection information manager loads the inspection procedure xml file. This interface contains function to search for inspection steps and procedures.

Inheritance diagram for Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager↔
Manager:



Public Member Functions

- SectionSelection [LookupInspectionProcedureSections](#) (string inspectionProcedureName)
Looks up the available inspection procedure sections that can be selected to start a partial inspection.
- InspectionProcedureInformation [LookupInspectionProcedure](#) (string inspectionProcedureName, string prs↔
Name, string gasControlLineName=null)
Looks up the inspection procedure based on the procedurename, prsName and optional gclName.
- InspectionProcedureInformation [LookupPartialInspectionProcedure](#) (SectionSelection sectionSelection, string prsName, string gasControlLineName=null)

Looks up the inspection procedure based on selected sections, prsName, and optional gclName.

- bool [InspectionProcedureExists](#) (string inspectionProcedureName)

Determines if the inspection procedure with the name inspectionProcedureName is defined.

- void [FindObjectNameDescriptionAndMeasurePointDescription](#) (string objectName, string measurePoint, int? fieldNo, out string objectNameDescription, out string measurePointDescription)

Finds the object name description and measure point description based on the objectName, measurePoint and field↔Number.

Properties

- ICollection< string > [InspectionProcedureNames](#) [get]

Gets the inspection procedure names.

5.9.1 Detailed Description

InspectionInformationManager interface. The inspection information manager loads the inspection procedure xml file. This interface contains function to search for inspection steps and procedures.

5.9.2 Member Function Documentation

- 5.9.2.1 void Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager.FindObject↔NameDescriptionAndMeasurePointDescription (string objectName, string measurePoint, int? fieldNo, out string objectNameDescription, out string measurePointDescription)

Finds the object name description and measure point description based on the objectName, measurePoint and fieldNumber.

Parameters

<i>objectName</i>	Name of the object.
<i>measurePoint</i>	The measure point.
<i>fieldNo</i>	The field number.
<i>objectName↔Description</i>	The object name description.
<i>measurePoint↔Description</i>	The measure point description.

- 5.9.2.2 bool Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager.Inspection↔ProcedureExists (string inspectionProcedureName)

Determines if the inspection procedure with the name inspectionProcedureName is defined.

Parameters

<i>inspection↔ProcedureName</i>	Name of the inspection procedure.
---------------------------------	-----------------------------------

Returns

True if the inspection procedure is defined, otherwise false.

5.9.2.3 InspectionProcedureInformation Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager.LookupInspectionProcedure (string *inspectionProcedureName*, string *prsName*, string *gasControlLineName* = null)

Looks up the inspection procedure based on the procedurename, prsName and optional gclName.

Parameters

<i>inspection</i> ↔ <i>ProcedureName</i>	Name of the inspection procedure.
<i>prsName</i>	Name of the PRS.
<i>gasControl</i> ↔ <i>LineName</i>	Name of the gas control line. (optional)

Returns

The inspection procedure information, includes the scriptcommand sequence and the related procedure information.

Exceptions

<i>InspectorLookupException</i>	Thrown when the InspectionProcedure sections lookup fails
---------------------------------	---

5.9.2.4 SectionSelection Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspection↔ InformationManager.LookupInspectionProcedureSections (string *inspectionProcedureName*)

Looks up the available inspection procedure sections that can be selected to start a partial inspection.

Parameters

<i>inspection</i> ↔ <i>ProcedureName</i>	Name of the inspection procedure.
---	-----------------------------------

Returns

The InspectionProcedure sections

Exceptions

<i>InspectorLookupException</i>	Thrown when the InspectionProcedure sections lookup fails
---------------------------------	---

5.9.2.5 InspectionProcedureInformation Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspection↔ InformationManager.LookupPartialInspectionProcedure (SectionSelection *sectionSelection*, string *prsName*, string *gasControlLineName* = null)

Looks up the inspection procedure based on selected sections, prsName, and optional gclName.

Parameters

<i>sectionSelection</i>	The section selection.
<i>prsName</i>	Name of the PRS.
<i>gasControl</i> ↔ <i>LineName</i>	Name of the gas control line.

Returns

Exceptions

<i>InspectorLookupException</i>	Thrown when the InspectionProcedure lookup fails
---------------------------------	--

5.9.3 Property Documentation

5.9.3.1 `ICollection<string> Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IInspectionInformationManager.InspectionProcedureNames` [get]

Gets the inspection procedure names.

Returns

A collection of Inspection Procedure Names

The documentation for this interface was generated from the following file:

- Inspector.BusinessLogic.Data.Configuration.Interfaces/Managers/IInspectionInformationManager.cs

5.10 Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader Interface Reference

InspectionResultReader interface, reads the last two results from the result.xml and lastresult.xml

Public Member Functions

- ReportInspectionResult [LookupLastResult](#) (string prsName, string gclName=null)
Looks up the result of the last completed InspectionProcedure.
- ReportInspectionResult [LookupPreviousToLastResult](#) (string prsName, string gclName=null)
Looks up the result of the second to last completed InspectionProcedure.
- List< ReportInspectionResult > [LookupAllResults](#) (string prsName, string gclName=null)
Looks up the result of all completed InspectionProcedures.
- ReportResult [LookupLastReportResult](#) (string prsName, string measurePoint, string objectName, int?FieldNumber=null)
Looks up the result of the last completed InspectionStep.
- ReportResult [LookupLastReportResult](#) (string prsName, string gclName, string measurePoint, string objectName, int?FieldNumber=null)
Looks up the result of the last completed InspectionStep.
- ReportResult [LookupPreviousToLastReportResult](#) (string prsName, string measurePoint, string objectName, int?FieldNumber=null)
Looks up the result of the second to last completed InspectionStep.
- ReportResult [LookupPreviousToLastReportResult](#) (string prsName, string gclName, string measurePoint, string objectName, int?FieldNumber=null)
Looks up the result of the second to last completed InspectionStep.

5.10.1 Detailed Description

InspectionResultReader interface, reads the last two results from the result.xml and lastresult.xml

5.10.2 Member Function Documentation

5.10.2.1 `List<ReportInspectionResult> Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader.LookupAllResults (string prsName, string gclName = null)`

Looks up the result of all completed InspectionProcedures.

Returns

All inspection results.

5.10.2.2 `ReportResult Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader.LookupLastReportResult (string prsName, string measurePoint, string objectName, int? FieldNumber = null)`

Looks up the result of the last completed InspectionStep.

Parameters

<i>prsName</i>	Name of the PRS.
<i>measurePoint</i>	The measure point.
<i>objectName</i>	Name of the object.
<i>FieldNumber</i>	The field number (optional).

Returns

The last report result that matches the criteria, otherwise null.

5.10.2.3 `ReportResult Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader.LookupLastReportResult (string prsName, string gclName, string measurePoint, string objectName, int? FieldNumber = null)`

Looks up the result of the last completed InspectionStep.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.
<i>measurePoint</i>	The measure point.
<i>objectName</i>	Name of the object.
<i>FieldNumber</i>	The field number (optional).

Returns

The last report result that matches the criteria, otherwise null.

5.10.2.4 `ReportInspectionResult Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader.LookupLastResult (string prsName, string gclName = null)`

Looks up the result of the last completed InspectionProcedure.

Returns

The last inspection result.

5.10.2.5 ReportResult Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader.LookupPrevious↔
ToLastReportResult (string *prsName*, string *measurePoint*, string *objectName*, int? *FieldNumber* = null
)

Looks up the result of the second to last completed InspectionStep.

Parameters

<i>prsName</i>	Name of the PRS.
<i>measurePoint</i>	The measure point.
<i>objectName</i>	Name of the object.
<i>FieldNumber</i>	The field number (optional).

Returns

The second to last report result that matches the criteria, otherwise null.

5.10.2.6 `ReportResult Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspectionResultReader.LookupPreviousToLast↔
ReportResult (string prsName, string gclName, string measurePoint, string objectName, int? FieldNumber = null
)`

Looks up the result of the second to last completed InspectionStep.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.
<i>measurePoint</i>	The measure point.
<i>objectName</i>	Name of the object.
<i>FieldNumber</i>	The field number (optional).

Returns

The second to last report result that matches the criteria, otherwise null.

5.10.2.7 `ReportInspectionResult Inspector.BusinessLogic.Data.Reporting.Interfaces.IInspection↔
ResultReader.LookupPreviousToLastResult (string prsName, string gclName = null
)`

Looks up the result of the second to last completed InspectionProcedure.

Returns

The second to last inspection result.

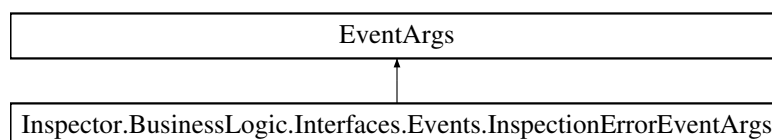
The documentation for this interface was generated from the following file:

- `Inspector.BusinessLogic.Data.Reporting.Interfaces/IInspectionResultReader.cs`

5.11 Inspector.BusinessLogic.Interfaces.Events.InspectionEventArgs Class Reference

[InspectionEventArgs](#)

Inheritance diagram for `Inspector.BusinessLogic.Interfaces.Events.InspectionEventArgs`:



Properties

- int [ErrorCode](#) [get, set]
Gets or sets the error code.

5.11.1 Detailed Description

[InspectionErrorEventArgs](#)

5.11.2 Property Documentation

5.11.2.1 int `Inspector.BusinessLogic.Interfaces.Events.InspectionErrorEventArgs.ErrorCode` [get], [set]

Gets or sets the error code.

The error code.

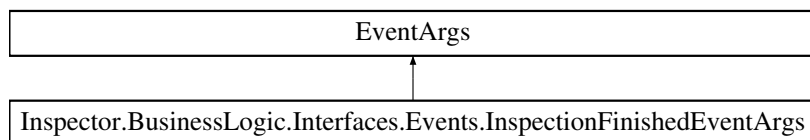
The documentation for this class was generated from the following file:

- Inspector.BusinessLogic.Interfaces/Events/InspectionErrorEventArgs.cs

5.12 Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs Class Reference

[InspectionFinishedEventArgs](#)

Inheritance diagram for `Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs`:



Public Member Functions

- [InspectionFinishedEventArgs](#) (InspectionStatus result, int errorCode, SectionSelection partialInspection)
Initializes a new instance of the [FinishInitializationEventArgs](#) class.

Properties

- InspectionStatus [Result](#) [get]
Gets the result.
- int [ErrorCode](#) [get]
Gets the message id.
- SectionSelection [PartialInspection](#) [get, set]
Gets or sets the partial inspection.

5.12.1 Detailed Description

[InspectionFinishedEventArgs](#)

5.12.2 Constructor & Destructor Documentation

5.12.2.1 `Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs.InspectionFinishedEventArgs (InspectionStatus result, int errorCode, SectionSelection partialInspection)`

Initializes a new instance of the [FinishInitializationEventArgs](#) class.

Parameters

<i>result</i>	The inspection result
<i>errorCode</i>	The error code
<i>partialInspection</i>	The resulting partial inspection.

5.12.3 Property Documentation

5.12.3.1 `int Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs.ErrorCode` [\[get\]](#)

Gets the message id.

5.12.3.2 `SectionSelection Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs.PartialInspection` [\[get\]](#), [\[set\]](#)

Gets or sets the partial inspection.

The partial inspection. Null if an inspection without a measurement is executed.

5.12.3.3 `InspectionStatus Inspector.BusinessLogic.Interfaces.Events.InspectionFinishedEventArgs.Result` [\[get\]](#)

Gets the result.

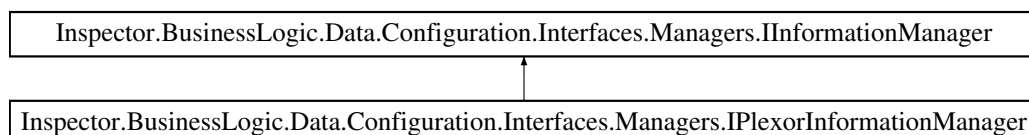
The documentation for this class was generated from the following file:

- `Inspector.BusinessLogic.Interfaces/Events/InspectionFinishedEventArgs.cs`

5.13 `Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IPlexorInformationManager` [↩](#) Manager Interface Reference

PlexorInformationManager interface the PlexorInformationManager loads the 'plexor.xml' file. This interface provides a method to retrieve the information about the plexor(s) described in that file.

Inheritance diagram for `Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IPlexorInformationManager` [↩](#)
Manager:



Properties

- `ReadOnlyCollection< PlexorInformation > PlexorsInformation` [\[get\]](#)
Gets the plexors information.

Additional Inherited Members

5.13.1 Detailed Description

PlexorInformationManager interface the PlexorInformationManager loads the 'plexor.xml' file. This interface provides a method to retrieve the information about the plexor(s) described in that file.

5.13.2 Property Documentation

5.13.2.1 ReadOnlyCollection<PlexorInformation> Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IPlexorInformationManager.PlexorsInformation [get]

Gets the plexors information.

Returns

A readonly collection of PlexorInformation objects

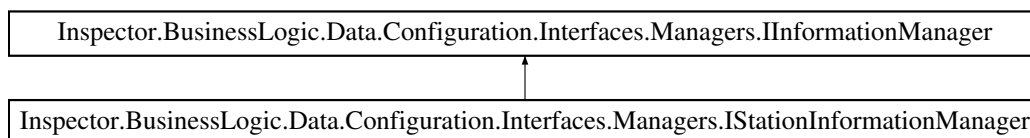
The documentation for this interface was generated from the following file:

- Inspector.BusinessLogic.Data.Configuration.Interfaces/Managers/IPlexorInformationManager.cs

5.14 Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager Interface Reference

StationInformationManager interface Th stationInformationManager loads the stationInformation xml file. This interface can be used to find information about the Gas control line, and also provides methods to find information about the inspectionProcedure and inspectionStatus.

Inheritance diagram for Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager:



Public Member Functions

- string [LookupInspectionProcedureName](#) (string prsName, string gclName=null)
Looks up the name of the inspection procedure based on the prsName and optional gclName.
- string [LookupPeRangeDM](#) (string prsName, string gclName)
Lookups the pe range DM.
- string [LookupPaRangeDM](#) (string prsName, string gclName)
Lookups the pa range DM.
- StationInformation [LookupStationInformation](#) (string prsName)
Looks up the station information for a given prsName.
- GasControlLineInformation [LookupGasControlLineInformation](#) (string prsName, string gclName)
Looks up information about a gas control line, based on a prsName and a gclName
- GasControlLineInformation [LookupGasControlLineInformation](#) (StationInformation stationInfo, string gclName)

Looks up information about a gas control line, based on the station information and gclName

- void [SetInspectionStatus](#) (InspectionStatus status, string prsName, string gclName=null)

Sets the inspection status. Creates a new inspectionstatus entry if the entry is not yet present in the Inspection↔ Status.xml file.

- InspectionStatusInformation [GetInspectionStatus](#) (string prsName, string gclName=null)

Gets the inspection status. When the inspection status is not yet present then a new inspection status entry is added with the initial status 'No inspection', given that the defined inspection procedure name is available and defined for the station prsName and gclName . Otherwise the initial status is set to 'No Inspection Found'.

- GclObject [LookupGasControlLineObject](#) (string prsName, string measurePoint, string objectName, int?field↔ Number=null)

Looks up the gas control line object.

- GclObject [LookupGasControlLineObject](#) (string prsName, string gclName, string measurePoint, string objectName, int?fieldNumber=null)

Looks up the gas control line object.

Properties

- ReadOnlyCollection< StationInformation > [StationsInformation](#) [get]

Gets a list of all known stationInformations

- ICollection< InspectionStatusInformation > [GetInspectionStatuses](#) [get]

Gets the inspection statuses.

5.14.1 Detailed Description

StationInformationManager interface Th stationInformationManager loads the stationInformation.xml file. This interface can be used to find information about the Gas control line, and also provides methods to find information about the inspectionProcedure and inspectionStatus.

5.14.2 Member Function Documentation

- 5.14.2.1 [InspectionStatusInformation](#) [Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.I↔ StationInformationManager](#).[GetInspectionStatus](#) (string *prsName*, string *gclName* = null)

Gets the inspection status. When the inspection status is not yet present then a new inspection status entry is added with the initial status 'No inspection', given that the defined inspection procedure name is available and defined for the station *prsName* and *gclName* . Otherwise the initial status is set to 'No Inspection Found'.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL. (optional)

Returns

The status of the corresponding prs/gcl.

Exceptions

<i>InspectorLookupException</i>	Thrown when the prs or prs/gcl combination is not available from the station information.
---------------------------------	---

5.14.2.2 GasControlLineInformation Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.I↔
StationInformationManager.LookupGasControlLineInformation (string *prsName*, string *gclName*
)

Looks up information about a gas control line, based on a prsName and a gclName

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.

Returns

The gas control line information

Exceptions

<i>InspectorLookupException</i>	Thrown when lookup of the StationInformation fails
---------------------------------	--

5.14.2.3 **GasControlLineInformation** `Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.LookupGasControlLineInformation (StationInformation stationInfo, string gclName)`

Looks up information about a gas control line, based on the station information and *gclName*

Parameters

<i>stationInfo</i>	The station info.
<i>gclName</i>	Name of the GCL.

Returns

The gas control line information

Exceptions

<i>InspectorLookupException</i>	Thrown when lookup of the StationInformation fails
---------------------------------	--

5.14.2.4 **GclObject** `Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.LookupGasControlLineObject (string prsName, string measurePoint, string objectName, int? fieldNumber = null)`

Looks up the gas control line object.

Parameters

<i>prsName</i>	Name of the PRS.
<i>measurePoint</i>	The measure point.
<i>objectName</i>	Name of the object.
<i>fieldNumber</i>	The field number (optional).

Returns

The GclObject that matches the requested criteria.

Exceptions

<i>InspectorLookupException</i>	Thrown when lookup of the GclObject fails. The lookup fails when none or multiple matches were found.
---------------------------------	---

5.14.2.5 **GclObject** `Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.LookupGasControlLineObject (string prsName, string gclName, string measurePoint, string objectName, int? fieldNumber = null)`

Looks up the gas control line object.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.
<i>measurePoint</i>	The measure point.
<i>objectName</i>	Name of the object.
<i>fieldNumber</i>	The field number.

Returns

The GclObject that matches the requested criteria.

Exceptions

<i>InspectorLookupException</i>	Thrown when lookup of the GclObject fails. The lookup fails when none or multiple matches were found.
---------------------------------	---

5.14.2.6 `string Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.LookupInspectionProcedureName (string prsName, string gclName = null)`

Looks up the name of the inspection procedure based on the prsName and optional gclName.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.

Returns

the inspectionProcedureName

Exceptions

<i>InspectorLookupInspection</i>	Thrown when the PRS or GCL cannot be found.
----------------------------------	---

5.14.2.7 `string Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.LookupPaRangeDM (string prsName, string gclName)`

Lookups the pa range DM.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.

Returns

Exceptions

<i>InspectorLookupException</i>	Thrown when lookup of the StationInformation fails
---------------------------------	--

5.14.2.8 `string Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.LookupPeRangeDM (string prsName, string gclName)`

Lookups the pe range DM.

Parameters

<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL.

Returns

The Pe range

Exceptions

<i>InspectorLookupException</i>	Thrown when lookup of the StationInformation fails
---------------------------------	--

5.14.2.9 StationInformation Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.↔ LookupStationInformation (string *prsName*)

Looks up the station information for a given *prsName*.

Parameters

<i>prsName</i>	Name of the PRS.
----------------	------------------

Returns

The station information

Exceptions

<i>InspectorLookupException</i>	Thrown when lookup of the StationInformation fails
---------------------------------	--

5.14.2.10 void Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformation↔ Manager.SetInspectionStatus (InspectionStatus *status*, string *prsName*, string *gclName* = null)

Sets the inspection status. Creates a new inspectionstatus entry if the entry is not yet present in the Inspection↔
Status.xml file.

Parameters

<i>status</i>	The status.
<i>prsName</i>	Name of the PRS.
<i>gclName</i>	Name of the GCL. (optional)

5.14.3 Property Documentation

5.14.3.1 ICollection<InspectionStatusInformation> Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.I↔ StationInformationManager.GetInspectionStatuses [get]

Gets the inspection statuses.

Returns

The list of inspection procedure statuses

5.14.3.2 `ReadOnlyCollection<StationInformation>` `Inspector.BusinessLogic.Data.Configuration.Interfaces.Managers.IStationInformationManager.StationsInformation` `[get]`

Gets a list of all known stationInformations

The stations information.

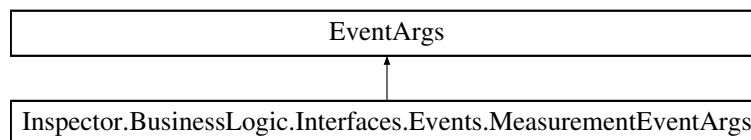
The documentation for this interface was generated from the following file:

- `Inspector.BusinessLogic.Data.Configuration.Interfaces/Managers/IStationInformationManager.cs`

5.15 Inspector.BusinessLogic.Interfaces.Events.MeasurementEventArgs Class Reference

MeasurementEventArgs

Inheritance diagram for `Inspector.BusinessLogic.Interfaces.Events.MeasurementEventArgs`:



Properties

- `IList<ScriptCommand5XMeasurement>` `Measurements` `[get, set]`
Gets or sets the measurements.

5.15.1 Detailed Description

MeasurementEventArgs

5.15.2 Property Documentation

5.15.2.1 `IList<ScriptCommand5XMeasurement>` `Inspector.BusinessLogic.Interfaces.Events.MeasurementEventArgs.Measurements` `[get], [set]`

Gets or sets the measurements.

The measurements.

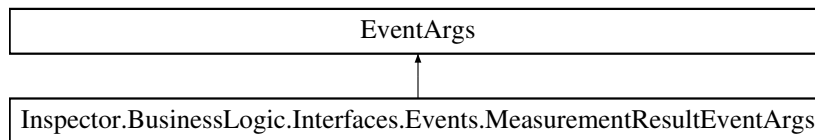
The documentation for this class was generated from the following file:

- `Inspector.BusinessLogic.Interfaces/Events/MeasurementEventArgs.cs`

5.16 Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs Class Reference

MeasurementResultEventArgs

Inheritance diagram for `Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs`:



Public Member Functions

- [MeasurementResultEventArgs](#) (double measurementValue, bool measurementValueOutOfLimits, bool hasMeasurementValue)

Initializes a new instance of the [MeasurementResultEventArgs](#) class.

Properties

- double [MeasurementValue](#) [get, set]
Gets or sets the measurement value.
- bool [MeasurementValueOutOfLimits](#) [get, set]
Gets or sets a value indicating whether [measurement value out of limits].
- bool [HasMeasurementValue](#) [get, set]
Gets or sets a value indicating whether the measurement has a value. When the user manually stops the measurement, while there was a valsensor, this value will be true.

5.16.1 Detailed Description

[MeasurementResultEventArgs](#)

5.16.2 Constructor & Destructor Documentation

5.16.2.1 [Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs.MeasurementResultEventArgs](#) (double measurementValue, bool measurementValueOutOfLimits, bool hasMeasurementValue)

Initializes a new instance of the [MeasurementResultEventArgs](#) class.

Parameters

<i>measurementValue</i>	The measurement value.
<i>measurementValueOutOfLimits</i>	if set to <code>true</code> [measurement value out of limits].
<i>hasMeasurementValue</i>	if set to <code>true</code> [measurement has a value].

5.16.3 Property Documentation

5.16.3.1 [Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs.HasMeasurementValue](#) [get], [set]

Gets or sets a value indicating whether the measurement has a value. When the user manually stops the measurement, while there was a valsensor, this value will be true.

5.16.3.2 `double` `Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs.MeasurementValue` `[get]`, `[set]`

Gets or sets the measurement value.

The measurement value.

5.16.3.3 `bool` `Inspector.BusinessLogic.Interfaces.Events.MeasurementResultEventArgs.MeasurementValueOutOfLimits` `[get]`, `[set]`

Gets or sets a value indicating whether [measurement value out of limits].

`true` if [measurement value out of limits]; otherwise, `false`.

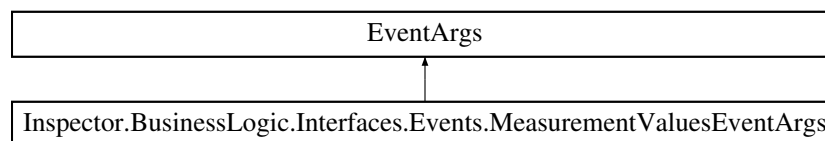
The documentation for this class was generated from the following file:

- `Inspector.BusinessLogic.Interfaces/Events/MeasurementResultEventArgs.cs`

5.17 Inspector.BusinessLogic.Interfaces.Events.MeasurementValuesEventArgs Class Reference

[MeasurementValuesEventArgs](#)

Inheritance diagram for `Inspector.BusinessLogic.Interfaces.Events.MeasurementValuesEventArgs`:



Properties

- `List< ScriptCommand5XMeasurement >` `MeasurementValues` `[get]`, `[set]`
Gets or sets the measurement values.

5.17.1 Detailed Description

[MeasurementValuesEventArgs](#)

5.17.2 Property Documentation

5.17.2.1 `List< ScriptCommand5XMeasurement >` `Inspector.BusinessLogic.Interfaces.Events.MeasurementValuesEventArgs.MeasurementValues` `[get]`, `[set]`

Gets or sets the measurement values.

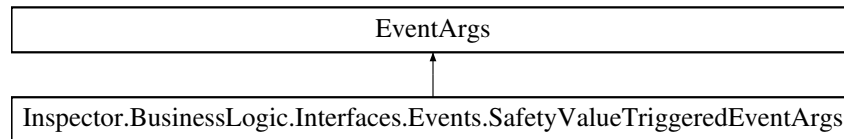
The measurement values.

The documentation for this class was generated from the following file:

- `Inspector.BusinessLogic.Interfaces/Events/MeasurementValuesEventArgs.cs`

5.18 Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs Class Reference

Inheritance diagram for Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs:



Public Member Functions

- **SafetyValueTriggeredEventArgs** (double measurementValue, int ioStatus)

Properties

- double **MeasurementValue** [get, set]
Gets or sets the measurement value.
- int **IoStatus** [get, set]
Gets or sets the io status.

5.18.1 Property Documentation

5.18.1.1 int **Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs.IoStatus** [get], [set]

Gets or sets the io status.

The io status.

5.18.1.2 double **Inspector.BusinessLogic.Interfaces.Events.SafetyValueTriggeredEventArgs.MeasurementValue** [get], [set]

Gets or sets the measurement value.

The measurement value.

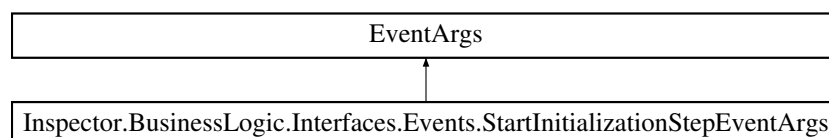
The documentation for this class was generated from the following file:

- Inspector.BusinessLogic.Interfaces/Events/SafetyValueTriggeredEventArgs.cs

5.19 Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs Class Reference

StartInitializationStepEventArgs

Inheritance diagram for Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs:



Public Member Functions

- [StartInitializationStepEventArgs](#) (string stepId)

Initializes a new instance of the [StartInitializationStepEventArgs](#) class.

Properties

- string [StepId](#) [get]

Gets the initializatio step id.

5.19.1 Detailed Description

[StartInitializationStepEventArgs](#)

5.19.2 Constructor & Destructor Documentation

5.19.2.1 Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs.StartInitializationStepEventArgs (string stepId)

Initializes a new instance of the [StartInitializationStepEventArgs](#) class.

Parameters

<i>stepId</i>	The step id.
---------------	--------------

5.19.3 Property Documentation

5.19.3.1 string Inspector.BusinessLogic.Interfaces.Events.StartInitializationStepEventArgs.StepId [get]

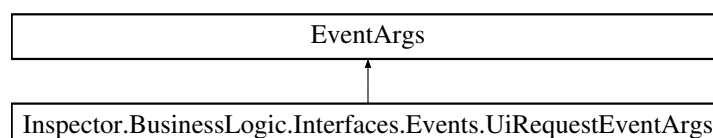
Gets the initializatio step id.

The documentation for this class was generated from the following file:

- Inspector.BusinessLogic.Interfaces/Events/StartInitializationStepEventArgs.cs

5.20 Inspector.BusinessLogic.Interfaces.Events.UiRequestEventArgs Class Reference

Inheritance diagram for Inspector.BusinessLogic.Interfaces.Events.UiRequestEventArgs:



Public Member Functions

- **UiRequestEventArgs** (string requestMessage, UiRequestResponseType responseType)

Properties

- string **RequestMessage** [get, set]
- UIRequestResponseType **ResponseType** [get, set]

The documentation for this class was generated from the following file:

- Inspector.BusinessLogic.Interfaces/Events/UiRequestEventArgs.cs

Index

- Abort
 - Inspector::BusinessLogic::Interfaces::IActivity↔
Control, [17](#)
- ContinuousMeasurementStarted
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [24](#)
- CurrentInspectionStep
 - Inspector::BusinessLogic::Interfaces::Events::↔
ExecuteInspectionStepEventArgs, [12](#)
- DeviceUnPairFinished
 - Inspector::BusinessLogic::Interfaces::IActivity↔
Control, [18](#)
- DeviceUnPaired
 - Inspector::BusinessLogic::Interfaces::IActivity↔
Control, [18](#)
- ErrorCode
 - Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationEventArgs, [13](#)
 - Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationStepEventArgs, [16](#)
 - Inspector::BusinessLogic::Interfaces::Events::↔
InspectionErrorEventArgs, [33](#)
 - Inspector::BusinessLogic::Interfaces::Events::↔
InspectionFinishedEventArgs, [34](#)
- ExecuteInitialization
 - Inspector::BusinessLogic::Interfaces::IInitialization↔
ActivityControl, [20](#)
- ExecuteInspection
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [21](#)
- ExecuteInspectionStep
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [24](#)
- ExecuteInspectionStepEventArgs
 - Inspector::BusinessLogic::Interfaces::Events::↔
ExecuteInspectionStepEventArgs, [12](#)
- ExecutePartialInspection
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [22](#)
- ExtraMeasurementStarted
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [24](#)
- FindObjectNameDescriptionAndMeasurePointDescription
 - Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IInspectionInformation↔
Manager, [26](#)
- FinishInitializationEventArgs
 - Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationEventArgs, [13](#)
- FinishInitializationStepEventArgs
 - Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationStepEventArgs, [15](#)
- GetInspectionStatus
 - Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IStationInformation↔
Manager, [36](#)
- GetInspectionStatuses
 - Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IStationInformation↔
Manager, [40](#)
- HasMeasurementValue
 - Inspector::BusinessLogic::Interfaces::Events::↔
MeasurementResultEventArgs, [42](#)
- InitializationFinished
 - Inspector::BusinessLogic::Interfaces::IActivity↔
Control, [18](#)
- InitializationStepFinished
 - Inspector::BusinessLogic::Interfaces::IActivity↔
Control, [18](#)
- InitializationStepStarted
 - Inspector::BusinessLogic::Interfaces::IActivity↔
Control, [18](#)
- InspectionError
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [24](#)
- InspectionFinished
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [24](#)
- InspectionFinishedEventArgs
 - Inspector::BusinessLogic::Interfaces::Events::↔
InspectionFinishedEventArgs, [34](#)
- InspectionProcedureExists
 - Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IInspectionInformation↔
Manager, [26](#)
- InspectionProcedureNames
 - Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IInspectionInformation↔
Manager, [29](#)
- InspectionStepComplete
 - Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, [22](#)
- Inspector, [7](#)

- Inspector.BusinessLogic, 7
- Inspector.BusinessLogic.Data, 7
- Inspector.BusinessLogic.Data.Configuration, 7
- Inspector.BusinessLogic.Data.Configuration.Interfaces, 7
- Inspector.BusinessLogic.Data.Configuration.Interfaces.↔ Managers, 8
- Inspector.BusinessLogic.Data.Configuration.Interfaces.↔ Managers.IInformationManager, 19
- Inspector.BusinessLogic.Data.Configuration.Interfaces.↔ Managers.IInspectionInformationManager, 25
- Inspector.BusinessLogic.Data.Configuration.Interfaces.↔ Managers.IPlexorInformationManager, 34
- Inspector.BusinessLogic.Data.Configuration.Interfaces.↔ Managers.IStationInformationManager, 35
- Inspector.BusinessLogic.Data.Reporting, 8
- Inspector.BusinessLogic.Data.Reporting.Interfaces, 8
- Inspector.BusinessLogic.Data.Reporting.Interfaces.I↔ InspectionResultReader, 29
- Inspector.BusinessLogic.Interfaces, 8
- Inspector.BusinessLogic.Interfaces.Events, 9
- Inspector.BusinessLogic.Interfaces.Events.DeviceUn↔ PairedEventArgs, 11
- Inspector.BusinessLogic.Interfaces.Events.Execute↔ InspectionStepEventArgs, 11
- Inspector.BusinessLogic.Interfaces.Events.Finish↔ InitializationEventArgs, 13
- Inspector.BusinessLogic.Interfaces.Events.Finish↔ InitializationStepEventArgs, 14
- Inspector.BusinessLogic.Interfaces.Events.Inspection↔ ErrorEventArgs, 32
- Inspector.BusinessLogic.Interfaces.Events.Inspection↔ FinishedEventArgs, 33
- Inspector.BusinessLogic.Interfaces.Events.Measurement↔ EventArgs, 41
- Inspector.BusinessLogic.Interfaces.Events.Measurement↔ ResultEventArgs, 41
- Inspector.BusinessLogic.Interfaces.Events.Measurement↔ ValuesEventArgs, 43
- Inspector.BusinessLogic.Interfaces.Events.Safety↔ ValueTriggeredEventArgs, 44
- Inspector.BusinessLogic.Interfaces.Events.Start↔ InitializationStepEventArgs, 44
- Inspector.BusinessLogic.Interfaces.Events.UiRequest↔ EventArgs, 45
- Inspector.BusinessLogic.Interfaces.IActivityControl, 16
- Inspector.BusinessLogic.Interfaces.IInitialization↔ ActivityControl, 19
- Inspector.BusinessLogic.Interfaces.IInspectionActivity↔ Control, 20
- Inspector::BusinessLogic::Data::Configuration::↔ Interfaces::Managers::IInformationManager↔ Refresh, 19
- Inspector::BusinessLogic::Data::Configuration::↔ Interfaces::Managers::IInspectionInformation↔ Manager↔ FindObjectNameDescriptionAndMeasurePoint↔ Description, 26
- InspectionProcedureExists, 26
- InspectionProcedureNames, 29
- LookupInspectionProcedure, 26
- LookupInspectionProcedureSections, 28
- LookupPartialInspectionProcedure, 28
- Inspector::BusinessLogic::Data::Configuration::↔ Interfaces::Managers::IPlexorInformation↔ PlexorsInformation, 35
- Inspector::BusinessLogic::Data::Configuration::↔ Interfaces::Managers::IStationInformation↔ Manager↔ GetInspectionStatus, 36
- GetInspectionStatuses, 40
- LookupGasControlLineInformation, 36, 38
- LookupGasControlLineObject, 38
- LookupInspectionProcedureName, 39
- LookupPaRangeDM, 39
- LookupPeRangeDM, 39
- LookupStationInformation, 40
- SetInspectionStatus, 40
- StationsInformation, 40
- Inspector::BusinessLogic::Data::Reporting::Interfaces↔ ::IInspectionResultReader↔ LookupAllResults, 30
- LookupLastReportResult, 30
- LookupLastResult, 30
- LookupPreviousToLastReportResult, 30, 32
- LookupPreviousToLastResult, 32
- Inspector::BusinessLogic::Interfaces::Events::Execute↔ InspectionStepEventArgs↔ CurrentInspectionStep, 12
- ExecuteInspectionStepEventArgs, 12
- ScriptCommand, 12
- TotalInspectionSteps, 12
- Inspector::BusinessLogic::Interfaces::Events::Finish↔ InitializationEventArgs↔ ErrorCode, 13
- FinishInitializationEventArgs, 13
- Result, 14
- Inspector::BusinessLogic::Interfaces::Events::Finish↔ InitializationStepEventArgs↔ ErrorCode, 16
- FinishInitializationStepEventArgs, 15
- Manometer, 16
- Message, 16
- Result, 16
- StepId, 16
- Inspector::BusinessLogic::Interfaces::Events::Inspection↔ ErrorEventArgs↔ ErrorCode, 33
- Inspector::BusinessLogic::Interfaces::Events::Inspection↔ FinishedEventArgs↔ ErrorCode, 34
- InspectionFinishedEventArgs, 34
- PartialInspection, 34
- Result, 34

Inspector::BusinessLogic::Interfaces::Events::Measurement
 EventArgs
 Measurements, 41
 Inspector::BusinessLogic::Interfaces::Events::Measurement↔
 ResultEventArgs
 HasMeasurementValue, 42
 MeasurementResultEventArgs, 42
 MeasurementValue, 42
 MeasurementValueOutOfLimits, 43
 Inspector::BusinessLogic::Interfaces::Events::Measurement↔
 ValuesEventArgs
 MeasurementValues, 43
 Inspector::BusinessLogic::Interfaces::Events::Safety↔
 ValueTriggeredEventArgs
 IoStatus, 44
 MeasurementValue, 44
 Inspector::BusinessLogic::Interfaces::Events::Start↔
 InitializationStepEventArgs
 StartInitializationStepEventArgs, 45
 StepId, 45
 Inspector::BusinessLogic::Interfaces::IActivityControl
 Abort, 17
 DeviceUnPairFinished, 18
 DeviceUnPaired, 18
 InitializationFinished, 18
 InitializationStepFinished, 18
 InitializationStepStarted, 18
 SetUiResponse, 17
 UiRequest, 18
 UnPairAllDevices, 17
 UnPairDevice, 17
 Inspector::BusinessLogic::Interfaces::IInitialization↔
 ActivityControl
 ExecuteInitialization, 20
 Inspector::BusinessLogic::Interfaces::IInspection↔
 ActivityControl
 ContinuousMeasurementStarted, 24
 ExecuteInspection, 21
 ExecuteInspectionStep, 24
 ExecutePartialInspection, 22
 ExtraMeasurementStarted, 24
 InspectionError, 24
 InspectionFinished, 24
 InspectionStepComplete, 22
 MeasurementResult, 24
 MeasurementsCompleted, 24
 MeasurementsReceived, 25
 Retry, 22
 SafetyValueTriggered, 25
 StartContinuousMeasurement, 22
 StopContinuousMeasurement, 22
 StoreRemark, 22
 IoStatus
 Inspector::BusinessLogic::Interfaces::Events::↔
 SafetyValueTriggeredEventArgs, 44
 LookupAllResults
 Inspector::BusinessLogic::Data::Reporting::↔
 Interfaces::IInspectionResultReader, 30
 LookupGasControlLineInformation
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IStationInformation↔
 Manager, 36, 38
 LookupGasControlLineObject
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IStationInformation↔
 Manager, 38
 LookupInspectionProcedure
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IInspectionInformation↔
 Manager, 26
 LookupInspectionProcedureName
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IStationInformation↔
 Manager, 39
 LookupInspectionProcedureSections
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IInspectionInformation↔
 Manager, 28
 LookupLastReportResult
 Inspector::BusinessLogic::Data::Reporting::↔
 Interfaces::IInspectionResultReader, 30
 LookupLastResult
 Inspector::BusinessLogic::Data::Reporting::↔
 Interfaces::IInspectionResultReader, 30
 LookupPaRangeDM
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IStationInformation↔
 Manager, 39
 LookupPartialInspectionProcedure
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IInspectionInformation↔
 Manager, 28
 LookupPeRangeDM
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IStationInformation↔
 Manager, 39
 LookupPreviousToLastReportResult
 Inspector::BusinessLogic::Data::Reporting::↔
 Interfaces::IInspectionResultReader, 30, 32
 LookupPreviousToLastResult
 Inspector::BusinessLogic::Data::Reporting::↔
 Interfaces::IInspectionResultReader, 32
 LookupStationInformation
 Inspector::BusinessLogic::Data::Configuration::↔
 Interfaces::Managers::IStationInformation↔
 Manager, 40
 Manometer
 Inspector::BusinessLogic::Interfaces::Events::↔
 FinishInitializationStepEventArgs, 16
 MeasurementResult
 Inspector::BusinessLogic::Interfaces::IInspection↔
 ActivityControl, 24
 MeasurementResultEventArgs
 Inspector::BusinessLogic::Interfaces::Events::↔
 MeasurementResultEventArgs, 42
 MeasurementValue

- Inspector::BusinessLogic::Interfaces::Events::↔
MeasurementResultEventArgs, 42
- Inspector::BusinessLogic::Interfaces::Events::↔
SafetyValueTriggeredEventArgs, 44
- MeasurementValueOutOfLimits
Inspector::BusinessLogic::Interfaces::Events::↔
MeasurementResultEventArgs, 43
- MeasurementValues
Inspector::BusinessLogic::Interfaces::Events::↔
MeasurementValuesEventArgs, 43
- Measurements
Inspector::BusinessLogic::Interfaces::Events::↔
MeasurementEventArgs, 41
- MeasurementsCompleted
Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, 24
- MeasurementsReceived
Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, 25
- Message
Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationStepEventArgs, 16
- PartialInspection
Inspector::BusinessLogic::Interfaces::Events::↔
InspectionFinishedEventArgs, 34
- PlexorsInformation
Inspector::BusinessLogic::Data::Configuration↔
::Interfaces::Managers::IPlexorInformation↔
Manager, 35
- Refresh
Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IInformationManager,
19
- Result
Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationEventArgs, 14
Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationStepEventArgs, 16
Inspector::BusinessLogic::Interfaces::Events::↔
InspectionFinishedEventArgs, 34
- Retry
Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, 22
- SafetyValueTriggered
Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, 25
- ScriptCommand
Inspector::BusinessLogic::Interfaces::Events::↔
ExecuteInspectionStepEventArgs, 12
- SetInspectionStatus
Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IStationInformation↔
Manager, 40
- SetUiResponse
Inspector::BusinessLogic::Interfaces::IActivity↔
Control, 17
- StartContinuousMeasurement
Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, 22
- StartInitializationStepEventArgs
Inspector::BusinessLogic::Interfaces::Events::↔
StartInitializationStepEventArgs, 45
- StationsInformation
Inspector::BusinessLogic::Data::Configuration::↔
Interfaces::Managers::IStationInformation↔
Manager, 40
- StepId
Inspector::BusinessLogic::Interfaces::Events::↔
FinishInitializationStepEventArgs, 16
Inspector::BusinessLogic::Interfaces::Events::↔
StartInitializationStepEventArgs, 45
- StopContinuousMeasurement
Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, 22
- StoreRemark
Inspector::BusinessLogic::Interfaces::IInspection↔
ActivityControl, 22
- TotalInspectionSteps
Inspector::BusinessLogic::Interfaces::Events::↔
ExecuteInspectionStepEventArgs, 12
- UiRequest
Inspector::BusinessLogic::Interfaces::IActivity↔
Control, 18
- UnPairAllDevices
Inspector::BusinessLogic::Interfaces::IActivity↔
Control, 17
- UnPairDevice
Inspector::BusinessLogic::Interfaces::IActivity↔
Control, 17