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GENIVI DocumentIAmCommandPlugin

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- Component Design Template for Component
- 6 IAmCommandPlugin

7

Platform Compliance Specification

9

Draft Version 3.0

10 11

12 **23.06.2014**

13

- 14 Sponsored by:
- 15 GENIVI Alliance
- 16 Accepted for release by:
- 17 This document has not yet been accepted for release by the GENIVI Alliance Board of
- 18 Directors.
- 19 Abstract:
- 20 This document describes the collective requirements of the GENIVI OEMs for an "entry
- 21 navigation" IVI profile.

22 23 Keywords: GENIVI

24 25

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Change history

2 The following table shows the change history for this specification.

Document revision change history

Date	Version	CR#	Description
6.12.11	1.0		Initial version, C Müller, BMW
2.3.12	1.1		Update for release
31.1.13	2.0		Update for foton release
23.06.2014	3.0		Changes for Intrepid

4

1

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List of Figures

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List of Tables

2 3	«List here any tables that are used in this document and be sure to right click changes.»	k and select 'update field' after any additions or
4		
5		
6	Table 1 – Referenced GENIVI Alliance Documents	Fehler! Textmarke nicht definiert.
7	Table 2 – Referenced External Documents	Fehler! Textmarke nicht definiert.
8	Table 3 – Acronyms and Abbreviations	Fehler! Textmarke nicht definiert.
9		
10		
11		
12	≪Document Overview - Delete when this document is completed.	
13	The goal of the Component Design Document is to capture the architects	
14 15	specific component. Information should be added incrementally. It is the all information has been completed and this document has been review	, ,
16	Component Design Document for the applicable component.	ed, it then becomes the julial version of the

1 Introduction

This document describes general requirements on the platform, all external standards and all the components of the GENIVI platform release.

I Targeted Audience

Anyone wishing to apply for compliance should have this document at hand, as it complements the GENIVI Platform Compliance Statement document.

2 Categories

The compliance requirements within the GENIVI compliance program fall into the following general categories:

Standards

The Standards list the compliance requirements that refer to standards external to GENIVI Components from GENIVI component list, that can be of the following compliance levels:

- PlaceholderComponent, as described in GENIVI Compliance Explanation
- AbstractComponent, as described in GENIVI Compliance Explanation
- SpecificComponent, as described in GENIVI Compliance Explanation

3 Abbreviations

In further text the following abbreviations (ABB) will be used for forming the IDs:

- ST for Standards
- PC for PlaceholderComponent
- AC for AbstractComponent
- SC for SpecificComponent

4 Format of the entries in this document

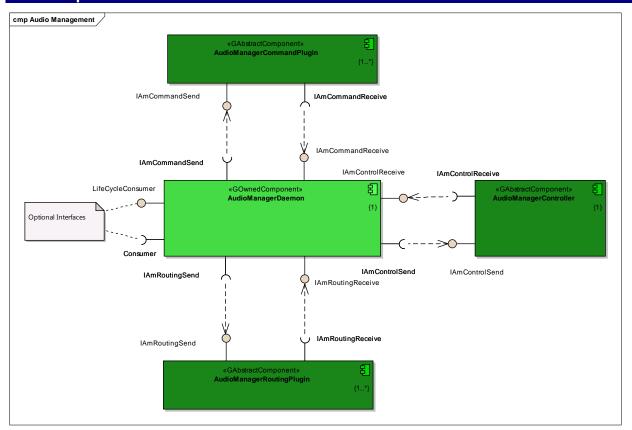
The entries pertaining to components have the following format:

Field Description	ID unique
ID	text formed as: <abb>-<auto incrementing="" number="">.</auto></abb>
Name	name with optional link (URL) to the external reference (e.g. The project home page)
Compliance Level	as defined in Categories.
Priority	as described in GENIVI Compliance Explanation
Description	textual clarification
Requirements	For PC, AC contains a table of requirements

5 Standards

GENIVI Compliance Release 1.0 does not require references to external standards.

6 Component Overview



7 Component Interaction

Feedback

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Routing Interface

Detail: Created on 09.09.2011. Last modified on 09.09.2011
GUID: {4BAD6F85-3E4A-418a-8A72-AD884ABEEE27}

feedback_receivedSourceNotificationPayload

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 30.01.2013. Last modified on 30.01.2013 GUID: {FBB4684C-06E0-452e-9208-FF9E593289A8}

$\underline{feedback_receivedSourceNotificationPayload} \ - (Interaction \ diagram)$

Created By: q232968 on 30.01.2013

Last Modified: 30.01.2013 Version: 1.0. Locked: False

GUID: {AECCCC7F-9D73-4fae-AF8D-726572D08B51}

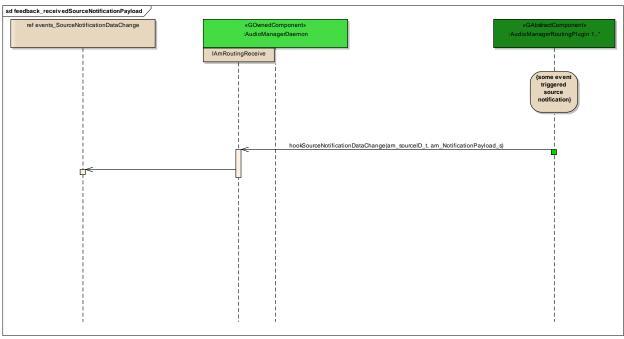


Figure: 1

events_SourceNotificationDataChange

Type: InteractionOccurrence

Status: Proposed. Version 1.0. Phase 1.0.

Package: feedback_receivedSourceNotificationPayload Keywords:
Detail: Created on 30.01.2013. Last modified on 30.01.2013.

GUID: {C467C340-926B-43c9-AF4D-B477FCB668A1}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	IAmRoutingReceive	events_SourceNotificati onDataChange	

feedback_receiveSinkNotificationPayload

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Feedback

 Detail:
 Created on 29.01.2013. Last modified on 29.01.2013

 GUID:
 {08B65C99-E382-4dbb-BF7E-EB812A4C0D32}

$\underline{feedback_receiveSinkNotificationPayload} \ - (Interaction \ diagram)$

Created By: q232968 on 29.01.2013

Last Modified: 30.01.2013 Version: 1.0. Locked: False

GUID: {F0591230-AC1C-4acd-822A-17B4F6E44686}

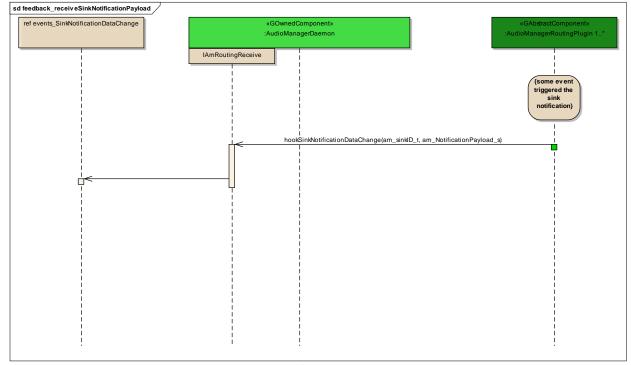


Figure: 2

events_SinkNotificationDataChange

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveSinkNotificationPayloadKeywords:Detail:Created on 29.01.2013. Last modified on 29.01.2013.GUID:{CE894740-6B86-434f-86CB-BB91B606F68E}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	
Source -> Destination	IAmRoutingReceive	events_SinkNotification	
		DataChange	

feedback_receiveChangeData

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 12.10.2011. Last modified on 12.10.2011 GUID: {754993D4-5A59-4258-BF01-26F3088F868C}

$\underline{feedback_receiveChangeData} - (Interaction\ diagram)$

Created By: christian on 12.10.2011

Last Modified: 29.01.2013 Version: 1.0. Locked: False

GUID: {6CC9DA8C-17A7-49ec-8FEE-C6AD89AD692C}

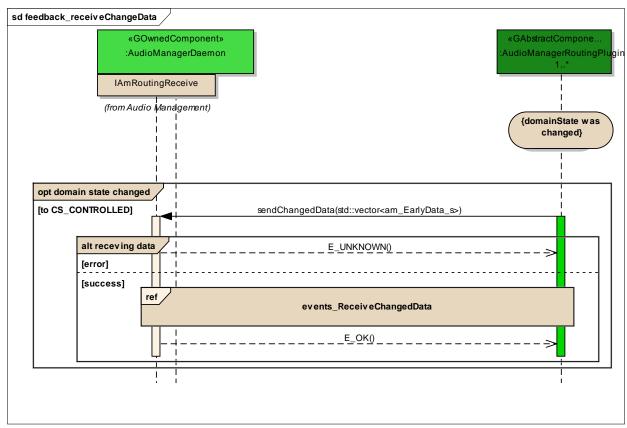


Figure: 3

domain state changed

Type: **InteractionFragment**

Status: Proposed. Version 1.0. Phase 1.0.

Package: feedback_receiveChangeData Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {978785A4-874D-4f8b-8FB3-94CCC0E77867}

events_ReceiveChangedData

Type: **InteractionOccurrence**

Status: Proposed. Version 1.0. Phase 1.0. Package: feedback_receiveChangeData Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011.

GUID: {C314BA71-CA01-42e3-831C-D9ACB17B27BA}

receving data

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: feedback_receiveChangeData Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {5181F586-582A-4a38-A749-E8484AE81B84}

feedback_receiveSinkVolumeTicks

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 04.10.2011. Last modified on 12.10.2011 GUID: {6C8471E1-27A8-4c40-9964-BC09934EAE9F}

$\underline{feedback_receiveSinkVolumeTicks} - (Interaction\ diagram)$

Created By: christian on 04.10.2011

Last Modified: 24.10.2011 Version: 1.0. Locked: False

GUID: {27353D6D-099B-435a-AB2E-9E952E37F967}

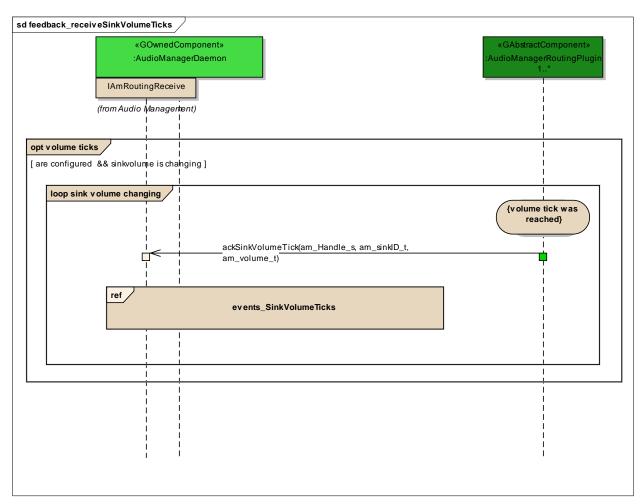


Figure: 4

events_SinkVolumeTicks

Type: **InteractionOccurrence**

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveSinkVolumeTicksKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{C765AA2E-32B3-4bb9-B561-AFAB9435FDA0}

sink volume changing

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveSinkVolumeTicksKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{285B0F04-09E8-4150-AA61-8BFFEDFACA2B}

volume ticks

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveSinkVolumeTicksKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{5D22D377-5FAE-415e-9C7C-9254D778C829}

feedback receiveSourceVolumeTicks

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 04.10.2011. Last modified on 12.10.2011 GUID: {29CA3264-80EB-4f8c-A8AF-88A75C972780}

 $\underline{feedback_receiveSourceVolumeTicks} - (Interaction\ diagram)$

Created By: christian on 04.10.2011

Last Modified: 24.10.2011 Version: 1.0. Locked: False

GUID: {E0BC2FC8-63EC-43ba-A6BD-EE6ED4645D58}

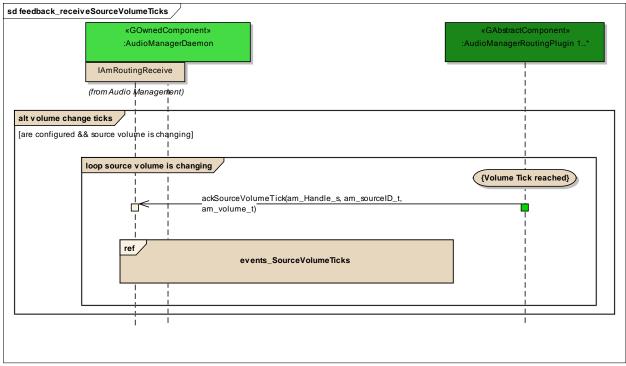


Figure: 5

SourceVolumeTicks

Type: **InteractionOccurrence**

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveSourceVolumeTicksKeywords:Detail:Created on 04.10.2011. Last modified on 04.10.2011.GUID:{6FB19626-3987-4e21-A6C0-4229225190E7}

events_SourceVolumeTicks

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveSourceVolumeTicksKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{FF0CA5D3-4E0C-4fc9-B794-791A435A5837}

source volume is changing

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: feedback_receiveSourceVolumeTicks Keywords:
Detail: Created on 12.10.2011. Last modified on 12.10.2011.

GUID: {F9615D71-E96D-4822-95FF-3945AB69F6BA}

volume change ticks

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveSourceVolumeTicksKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{E86650B3-1802-42b6-A269-C0976973CB5E}

feedback_receiveLowLevelInterrupts

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 09.09.2011. Last modified on 12.10.2011 GUID: {347EEF2A-CE7B-445c-AC3F-1532430864B7}

<u>feedback_receiveLowLevelInterrupts</u> - (Interaction diagram)

Created By: christian on 09.09.2011

Last Modified: 24.10.2011 Version: 1.0. Locked: False

GUID: {1C385B83-E81B-4341-8980-50FB46860D40}

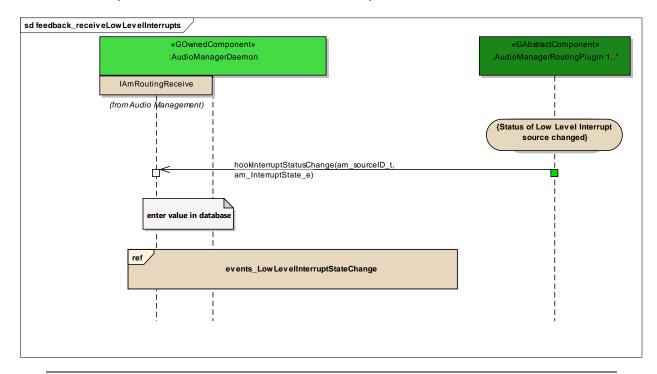


Figure: 6

events_LowLevelInterruptStateChange

Type: **InteractionOccurrence**

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_receiveLowLevelInterruptsKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{AE3ADE1C-2CA1-4db8-A674-835A18F5C79A}

feedback_SinkAvailabilityChange

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 20.09.2011. Last modified on 12.10.2011 GUID: {E19E8B76-0000-4503-AD61-6EFBE9A4699E}

$\underline{feedback_SinkAvailabilityChange} \text{ - } (Interaction \ diagram)$

Created By: christian on 20.09.2011

Last Modified: 24.10.2011 Version: 1.0. Locked: False

GUID: {939BC05C-10E7-4c98-AD1C-DF6839952A64}

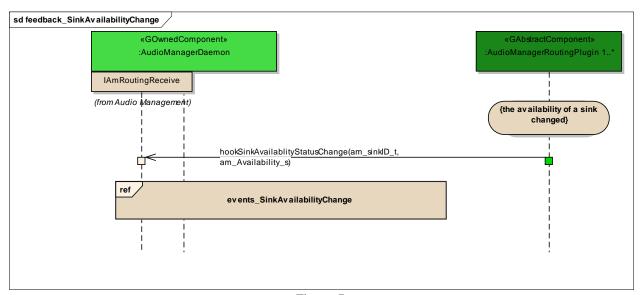


Figure: 7

events_SinkAvailabilityChange

Type: **InteractionOccurrence**

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_SinkAvailabilityChangeKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{C80D6D4E-2DFC-4595-A849-FD92E2281C76}

feedback_SourceAvailabilityChange

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 19.09.2011. Last modified on 12.10.2011 GUID: {DE0A382C-E49E-4be7-9196-13200DF2E7DF}

<u>feedback SourceAvailabilityChange</u> - (Interaction diagram)

Created By: christian on 19.09.2011

Last Modified: 24.10.2011 Version: 1.0. Locked: False

GUID: {7B24CB8D-E913-4a86-B11D-B69F896848D0}

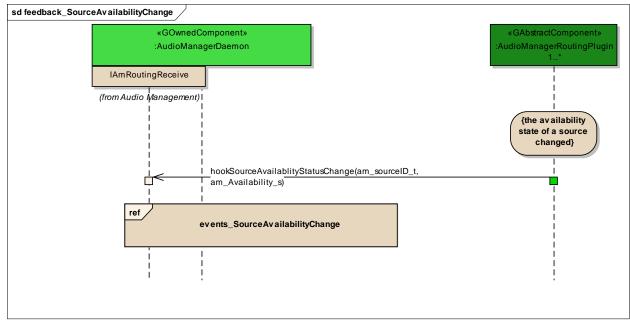


Figure: 8

events_SourceAvailabilityChange

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_SourceAvailabilityChangeKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{207EC64B-9B0A-47f4-8F6E-0CFF4E03287D}

feedback_TimingInformationChange

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Feedback

Detail: Created on 23.09.2011. Last modified on 12.10.2011 GUID: {27DDCEF3-88D9-4679-AA51-69A26C8D0BD0}

$\underline{feedback_TimingInformationChange} \ - (Interaction \ diagram)$

Created By: christian on 23.09.2011

Last Modified: 24.10.2011

Version: 1.0. Locked: False

GUID: {F964DC7C-96EA-4a8b-A3DA-D4BC3F2056F7}

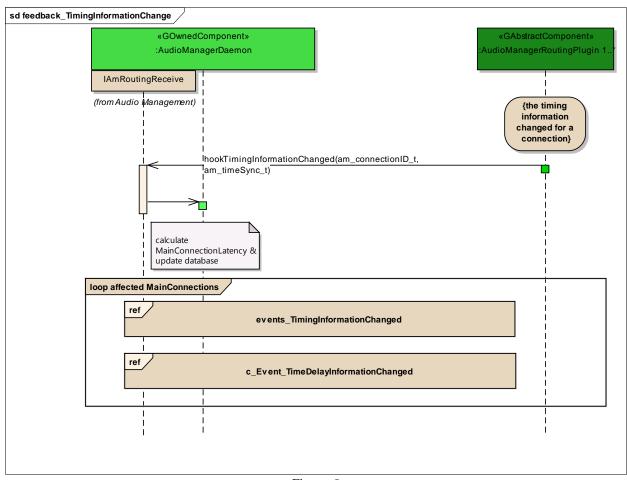


Figure: 9

affected MainConnections

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_TimingInformationChangeKeywords:Detail:Created on 11.10.2011. Last modified on 11.10.2011.GUID:{DC6CB0A9-2D68-45a5-BBA7-F98A39044F0C}

c_Event_TimeDelayInformationChanged

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_TimingInformationChangeKeywords:Detail:Created on 23.09.2011. Last modified on 12.10.2011.GUID:{16EB1A1C-90F4-48d0-841D-C51342261CB5}

events_TimingInformationChanged

Type: InteractionOccurrence

Status: Proposed. Version 1.0. Phase 1.0.

Package:feedback_TimingInformationChangeKeywords:Detail:Created on 23.09.2011. Last modified on 12.10.2011.GUID:{3EAD7C21-7FEC-4648-95F0-C603EF00678E}

Actions

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Routing Interface

Detail: Created on 09.09.2011. Last modified on 09.09.2011 GUID: {1D945A97-676B-46fd-A37F-A91B74C2077B}

actions_AsynchronousSetSinkNotificationConfiguration

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Actions

 Detail:
 Created on 29.01.2013. Last modified on 29.01.2013

 GUID:
 {1748643B-1D36-406b-8E5D-E4D1D63FC3CA}

$\underline{actions}\underline{AsynchronousSetSinkNotificationConfiguration} - (Interaction\ diagram)$

Created By: q232968 on 29.01.2013

Last Modified: 29.01.2013 Version: 1.0. Locked: False

Selection Approhenous Selection Managements Audid Assignment Selection Sele

GUID: {13B0D116-BAF5-42a3-A1CF-19A38F80B67F}

Figure: 10

change NotificationConfiguration

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousSetSinkNotificationConfiguration Keywords:

Detail: Created on 29.01.2013. Last modified on 29.01.2013. GUID: {5701247E-A7DA-4104-8D07-EA4141F2C0E6}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	
Source -> Destination	IAmRoutingSend	change	
		NotificationConfigurati	
		on	

Connector	Source	Target	Notes
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	change	
		NotificationConfigurati	
		on	
Sequence	Public	Public	
ackSinkNotificationConfi	change	IAmRoutingReceive	
guration(am_Handle_s,	NotificationConfigurati	174111KOutingReceive	
am_Error_e)	on		
Source -> Destination	on		
Bource > Bestmation			
Sequence	Public	Public	
ackSinkNotificationConfi	change	IAmRoutingReceive	
guration(am_Handle_s,	NotificationConfigurati		
am_Error_e)	on		
Source -> Destination			
Sequence	Public	Public	
ackSinkNotificationConfi	change	IAmRoutingReceive	
guration(am_Handle_s,	NotificationConfigurati	ii iiiitouiiigiteeeive	
am_Error_e)	on		
Source -> Destination			

notification configuration change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousSetSinkNotificationConfiguration Keywords:

Detail: Created on 29.01.2013. Last modified on 29.01.2013. GUID: {F14F8308-AE6A-420c-8427-272090935CB4}

setting of NotificationConfiguration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousSetSinkNotificationConfiguration Keywords:

Detail: Created on 29.01.2013. Last modified on 29.01.2013. GUID: {59B76DA7-9B8D-4bc6-9771-37650C2403F4}

actions_AsynchronousSetSourceNotificationConfiguration

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 30.01.2013. Last modified on 30.01.2013
GUID: {ECE93F71-6C9A-4a7b-B3BC-358EE1AF8882}

$\underline{actions} \ \ \underline{AsynchronousSetSourceNotificationConfiguration} \ - (Interaction \ diagram)$

Created By: q232968 on 29.01.2013

Last Modified: 31.01.2013 Version: 1.0. Locked: False

GUID: {700B85BB-2C94-43f3-98B7-84DE76938101}

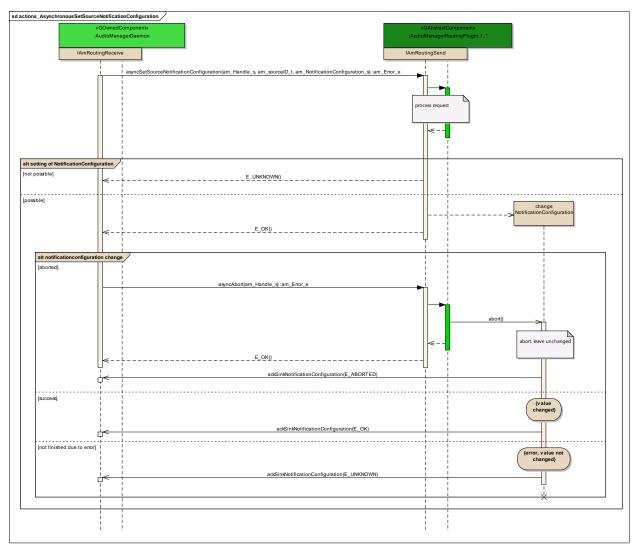


Figure: 11

change NotificationConfiguration

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousSetSourceNotificationConfiguration Keywords:

 Detail:
 Created on 29.01.2013. Last modified on 29.01.2013.

 GUID:
 {3D0DCE40-EFDC-4bfd-B32F-129C0E568EDE}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	IAmRoutingSend	change	
		NotificationConfigurati	
		on	
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	change	
		NotificationConfigurati	
		on	
Sequence	Public	Public	
ackSinkNotificationConfi	change	IAmRoutingReceive	
guration(am_Handle_s,	NotificationConfigurati		
am_Error_e)	on		
Source -> Destination			
Sequence	Public	Public	
ackSinkNotificationConfi	change	IAmRoutingReceive	
guration(am_Handle_s,	NotificationConfigurati		
am_Error_e)	on		
Source -> Destination			
Sequence	Public	Public	
ackSinkNotificationConfi	change	IAmRoutingReceive	
guration(am_Handle_s,	NotificationConfigurati		
am_Error_e)	on		
Source -> Destination			

notification configuration change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousSetSourceNotificationConfiguration Keywords:

Detail: Created on 29.01.2013. Last modified on 29.01.2013. GUID: {28CECAE7-BD4C-4e67-B3EB-6DFE68BA2560}

setting of NotificationConfiguration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousSetSourceNotificationConfiguration Keywords:

Detail: Created on 29.01.2013. Last modified on 29.01.2013. GUID: {174BD59A-8CDF-4969-8323-AC4CA46FFC80}

actions_SetDomainState

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 11.10.2011. Last modified on 12.10.2011 GUID: {F0837207-2B09-47e5-9428-48D7964B014C}

<u>actions SetDomainState</u> - (Interaction diagram)

Created By: christian on 11.10.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {69D1A644-4405-4a76-A82B-FC6CB587B5A1}

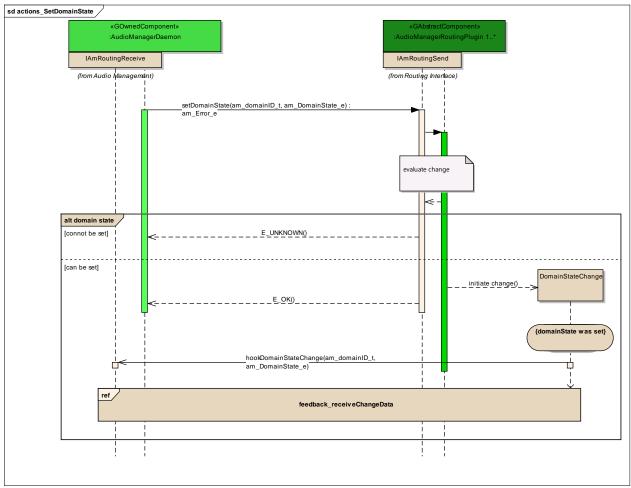


Figure: 12

DomainStateChange

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_SetDomainState Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {8F4E2664-CC08-4a9a-A864-46D04901B81F}

Connections

Connector	Source	Target	Notes
Sequence initiate change	Public	Public	
Source -> Destination	<anonymous></anonymous>	DomainStateChange	
<u>Sequence</u>	Public	Public	
hookDomainStateChange(DomainStateChange	IAmRoutingReceive	
am_domainID_t,			
am_DomainState_e)			
Source -> Destination			

domain state

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: actions_SetDomainState Keywords:

 Detail:
 Created on 11.10.2011. Last modified on 11.10.2011.

 GUID:
 {ED8AFE52-F074-43bc-ABC1-D4A9ECA11202}

feedback_receiveChangeData

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: actions_SetDomainState Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {7B3747DA-547B-418d-9E56-27EA55D4FFED}

actions_AsyncCrossFade

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 07.09.2011. Last modified on 12.10.2011 GUID: {C645B6B4-B2C8-4fa8-8AC5-04DA602C630C}

<u>actions AsyncCrossFade</u> - (Interaction diagram)

Created By: christian on 07.09.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {5891891C-313C-402a-B618-98C5D81C764D}

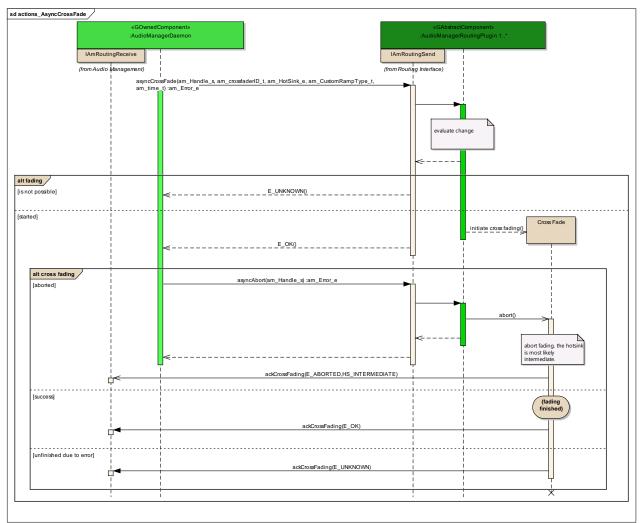


Figure: 13

Cross Fade

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.
Package: actions_AsyncCrossFade Keywords:

Detail: Created on 07.09.2011. Last modified on 07.09.2011. GUID: {08D68DFC-A210-4e90-9743-9DB7B3218940}

Connections

Connector	Source	Target	Notes
Sequence initiate cross	Public	Public	
fading	<anonymous></anonymous>	Cross Fade	

Connector	Source	Target	Notes
Source -> Destination			
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	Cross Fade	
Sequence	Public	Public	
ackCrossFading(am_hand	Cross Fade	IAmRoutingReceive	
le_t, am_HotSink_e,			
am_error_t) Source -> Destination			
Source -> Destination			
Sequence	Public	Public	
ackCrossFading(am_hand	Cross Fade	IAmRoutingReceive	
le_t, am_HotSink_e,			
am_error_t)			
Source -> Destination			
Sequence	Public	Public	
ackCrossFading(am_hand	Cross Fade	IAmRoutingReceive	
le_t, am_HotSink_e,			
am_error_t)			
Source -> Destination			

cross fading

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: actions_AsyncCrossFade Keywords:

 Detail:
 Created on 12.10.2011. Last modified on 12.10.2011.

 GUID:
 {D7C81377-9DC5-4dbd-ACA3-9C2BACFA6EF2}

fading

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: actions_AsyncCrossFade Keywords:

Detail: Created on 07.09.2011. Last modified on 07.09.2011. GUID: {D5DD75C4-C241-446a-9612-C5D4F40A5BAA}

actions_AsynchronouSetSourceSoundProperty

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 06.09.2011. Last modified on 11.10.2011 GUID: {C8725347-7B55-40c7-AB4F-AC2B76967C45}

<u>actions AsynchronouSetSourceSoundProperty</u> - (Interaction diagram)

Created By: christian on 06.09.2011

Last Modified: 11.10.2011 Version: 1.0. Locked: False

GUID: {2160D3F5-B78B-443f-BCB9-27D071469CFB}

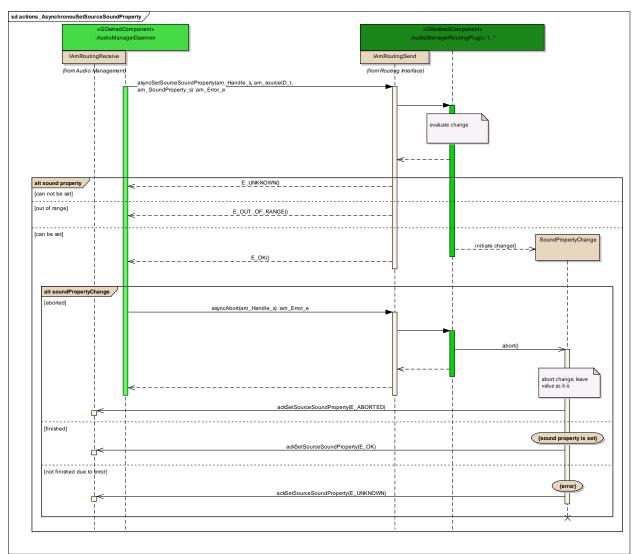


Figure: 14

SoundPropertyChange

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronouSetSourceSoundPropertyKeywords:Detail:Created on 05.10.2011. Last modified on 05.10.2011.GUID:{96E2E73B-3AAB-4181-BC20-DF03148C6496}

Connections

Connector	Source	Target	Notes
Sequence initiate change	Public	Public	
Source -> Destination	<anonymous></anonymous>	SoundPropertyChange	
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	SoundPropertyChange	
Sequence	Public	Public	
ackSetSourceSoundPrope rty(am_handle_t, am_error_t)	SoundPropertyChange	IAmRoutingReceive	
Source -> Destination			
Sequence	Public	Public	
ackSetSourceSoundPrope rty(am_handle_t, am_error_t)	SoundPropertyChange	IAmRoutingReceive	
Source -> Destination			
Sequence	Public	Public	
ackSetSourceSoundPrope rty(am_handle_t,	SoundPropertyChange	IAmRoutingReceive	
am_error_t) Source -> Destination			

sound property

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronouSetSourceSoundPropertyKeywords:Detail:Created on 08.09.2011. Last modified on 08.09.2011.GUID:{37EF046B-A904-4c8d-9497-401291195902}

soundPropertyChange

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronouSetSourceSoundPropertyKeywords:Detail:Created on 05.10.2011. Last modified on 05.10.2011.GUID:{DD968058-91C5-4485-8530-96CD0498318B}

actions_AsynchronousSetSinkSoundProperty

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 22.09.2011. Last modified on 11.10.2011 GUID: {078BA4CA-74EC-4079-B121-EAE4A5B79186}

$\underline{actions} \ \underline{AsynchronousSetSinkSoundProperty} - (Interaction \ diagram)$

Created By: christian on 22.09.2011

Last Modified: 11.10.2011

Version: 1.0. Locked: False

GUID: {94DB7C80-EA1B-441a-82D1-AEA6E50A715D}

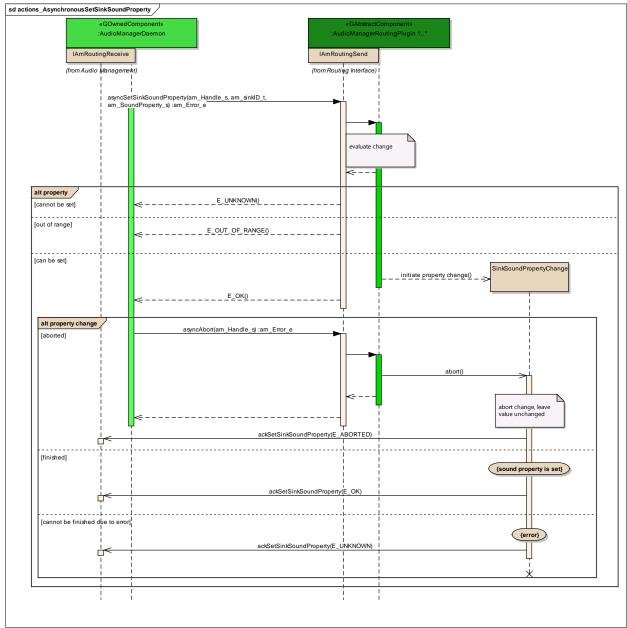


Figure: 15

SinkSoundPropertyChange

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSetSinkSoundPropertyKeywords:Detail:Created on 07.10.2011. Last modified on 07.10.2011.GUID:{EFCBF187-B126-410e-9EAB-705AA2727E74}

Connections

Connector	Source	Target	Notes
Sequence initiate	Public	Public	
property change	<anonymous></anonymous>	SinkSoundPropertyCha	
Source -> Destination		nge	
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	SinkSoundPropertyCha	
Source -> Destination	\allonymous>		
		nge	
<u>Sequence</u>	Public	Public	
ackSetSinkSoundProperty	SinkSoundPropertyCha	IAmRoutingReceive	
(am_handle_t,	nge		
am_error_t)			
Source -> Destination			
Sequence	Public	Public	
ackSetSinkSoundProperty	SinkSoundPropertyCha	IAmRoutingReceive	
(am_handle_t,	nge	ii iiiikoutiiigkeeeive	
am_error_t)	11.50		
Source -> Destination			
Source > Bestmarion			
Sequence	Public	Public	
ackSetSinkSoundProperty	SinkSoundPropertyCha	IAmRoutingReceive	
(am_handle_t,	nge		
am_error_t)			
Source -> Destination			

property

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSetSinkSoundPropertyKeywords:Detail:Created on 22.09.2011. Last modified on 07.10.2011.GUID:{A554525F-97C6-4a89-A643-FE024CF4A216}

property change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSetSinkSoundPropertyKeywords:Detail:Created on 07.10.2011. Last modified on 07.10.2011.GUID:{E7A651FF-DE50-4a7f-B331-473BF6AD5A3A}

actions_AsynchronousSourceStateChange

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 17.08.2011. Last modified on 11.10.2011 GUID: {979D0C9D-EE1-474a-BD5E-1D83F74A3A0E}

<u>actions_AsynchronousSourceStateChange</u> - (Interaction diagram)

Created By: christian on 17.08.2011

Last Modified: 11.10.2011 Version: 1.0. Locked: False

GUID: {E94221AD-0522-47d9-8F78-59DABEF43656}

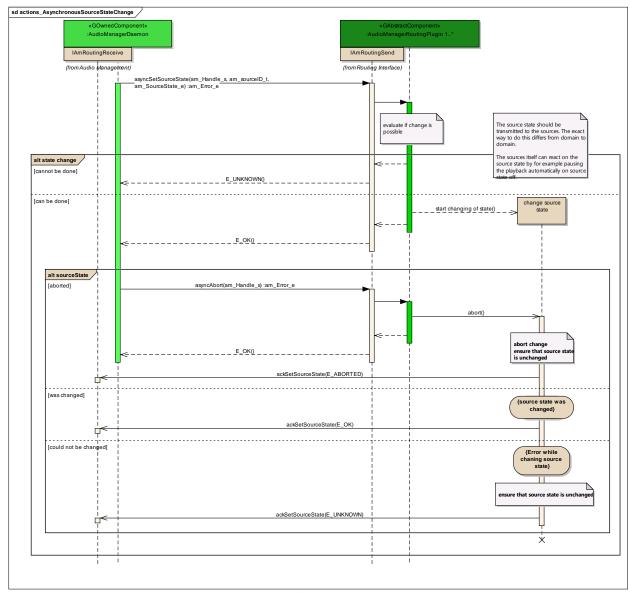


Figure: 16

change source state

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceStateChangeKeywords:Detail:Created on 30.09.2011. Last modified on 30.09.2011.GUID:{0D8CB4D7-FC8B-4fa0-A710-A0C374CA160E}

Connections

Connector	Source	Target	Notes
Sequence start changing	Public	Public	
of state	<anonymous></anonymous>	change source state	

Connector	Source	Target	Notes
Source -> Destination			
Sequence abort Source -> Destination	Public <anonymous></anonymous>	Public change source state	
Sequence ackSetSourceState(am_ha ndle_t, am_error_t) Source -> Destination	Public change source state	Public IAmRoutingReceive	
Sequence ackSetSourceState(am_ha ndle_t, am_error_t) Source -> Destination	Public change source state	Public IAmRoutingReceive	
Sequence ackSetSourceState(am_ha ndle_t, am_error_t) Source -> Destination	Public change source state	Public IAmRoutingReceive	

sourceState

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceStateChangeKeywords:Detail:Created on 30.09.2011. Last modified on 30.09.2011.GUID:{13E60352-A1A1-4e38-9494-1B6C90A5BC1B}

state change

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceStateChangeKeywords:Detail:Created on 09.09.2011. Last modified on 09.09.2011.GUID:{A204EA07-A9BF-47f5-B1A6-BB31C73FCF1C}

$actions_AsynchronousAbortAction$

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 08.09.2011. Last modified on 11.10.2011 GUID: {C957DC59-9234-46ba-A4A4-C383F2672B3B}

<u>actions AsynchronousAbortAction</u> - (Interaction diagram)

Created By: christian on 08.09.2011

Last Modified: 11.10.2011 Version: 1.0. Locked: False

GUID: {6CDFB30A-0C7C-4876-BF4C-D305233D7FB5}

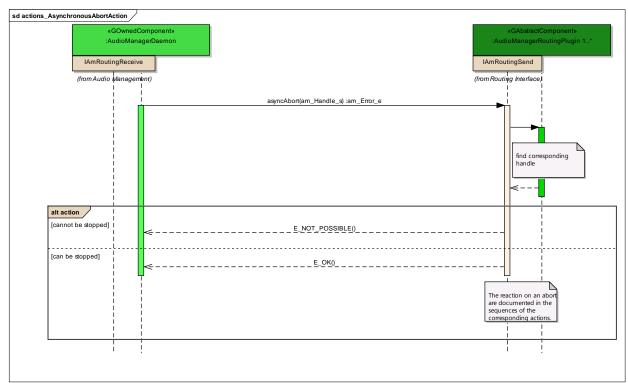


Figure: 17

action

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousAbortActionKeywords:Detail:Created on 09.09.2011. Last modified on 09.09.2011.GUID:{104ADA75-459F-4b91-AE1F-D3A80A2FB104}

action was

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousAbortActionKeywords:Detail:Created on 09.09.2011. Last modified on 09.09.2011.GUID:{6FD3AE88-04EE-4d6e-9C86-924CED974693}

actions_AsynchronousSinkVolumeChange

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 06.09.2011. Last modified on 11.10.2011 GUID: {4370366A-A91E-4066-ADE8-BD9AA3DE068C}

$\underline{actions} \ \underline{AsynchronousSinkVolumeChange} \ - (Interaction \ diagram)$

Created By: christian on 06.09.2011

Last Modified: 11.10.2011

Version: 1.0. Locked: False

GUID: {0AAAF8D8-63E9-4f9a-B744-4F997BDB7430}

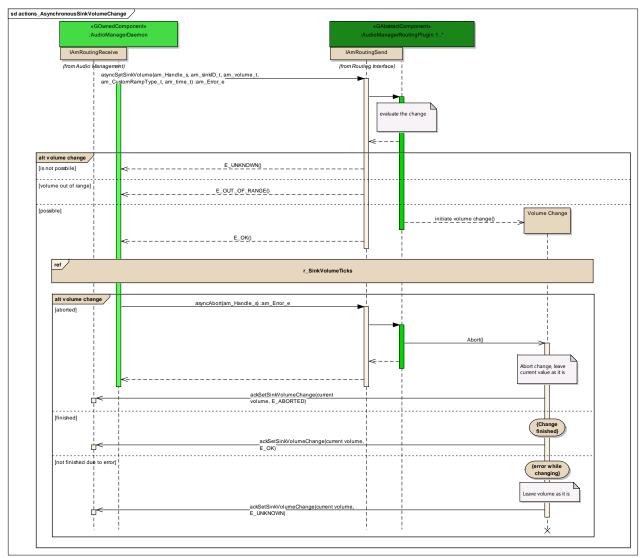


Figure: 18

Volume Change

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSinkVolumeChangeKeywords:Detail:Created on 07.09.2011. Last modified on 07.09.2011.GUID:{73AFA36B-CF3A-457e-8667-16CE1EB35531}

Connections

Connector	Source	Target	Notes
Sequence initiate volume change Source -> Destination	Public <anonymous></anonymous>	Public Volume Change	
Sequence Abort Source -> Destination	Public <anonymous></anonymous>	Public Volume Change	
Sequence ackSetSinkVolumeChang e(am_Handle_s, am_volume_t, am_Error_e) Source -> Destination	Public Volume Change	Public IAmRoutingReceive	
Sequence ackSetSinkVolumeChang e(am_Handle_s, am_volume_t, am_Error_e) Source -> Destination	Public Volume Change	Public IAmRoutingReceive	
Sequence ackSetSinkVolumeChang e(am_Handle_s, am_volume_t, am_Error_e) Source -> Destination	Public Volume Change	Public IAmRoutingReceive	

r SinkVolumeTicks

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSinkVolumeChangeKeywords:Detail:Created on 04.10.2011. Last modified on 04.10.2011.GUID:{BBD0FC19-6E47-44a5-9110-38CE60EF41B7}

volume change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSinkVolumeChangeKeywords:Detail:Created on 04.10.2011. Last modified on 04.10.2011.GUID:{0E77434C-E240-46d4-8DE7-39830B8A10BE}

volume change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSinkVolumeChangeKeywords:Detail:Created on 07.09.2011. Last modified on 07.09.2011.GUID:{ECC1DC71-D8C3-47a3-AA29-9B15816DAE8B}

actions_AsynchronousSourceVolumeChange

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 05.09.2011. Last modified on 11.10.2011 GUID: {199CEE88-FDF3-4b2c-A290-6AE5072B8FC3}

$\underline{actions} \ \underline{AsynchronousSourceVolumeChange} \ - (Interaction \ diagram)$

Created By: christian on 05.09.2011

Last Modified: 29.11.2012 Version: 1.0. Locked: False

GUID: {A2A91E86-5EEC-424e-A52D-1FD0BCF03B95}

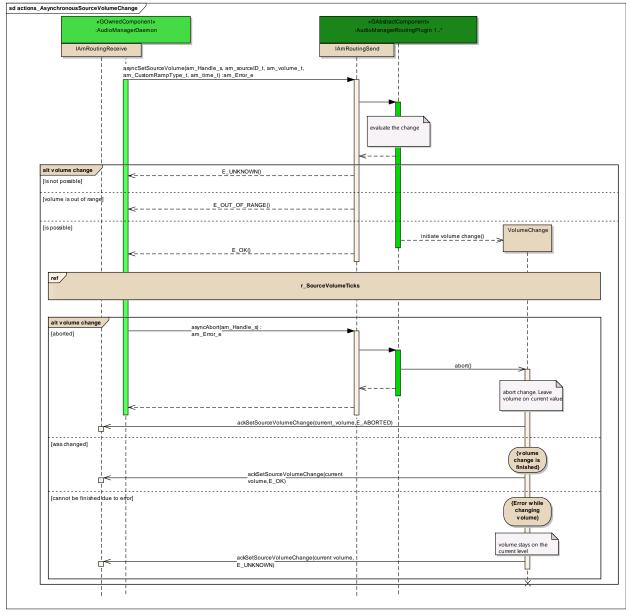


Figure: 19

VolumeChange

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceVolumeChangeKeywords:Detail:Created on 07.09.2011. Last modified on 07.09.2011.GUID:{753AD0E0-D869-477c-9407-E15EEA1508B4}

Connections

Connections	Connections				
Connector	Source	Target	Notes		
Sequence initiate volume	Public	Public			

Connector	Source	Target	Notes
change Source -> Destination	<anonymous></anonymous>	VolumeChange	
Source -> Destination	Public <anonymous></anonymous>	Public VolumeChange	
Sequence ackSetSourceVolumeCha nge(am_Handle_s, am_volume_t, am_Error_e) Source -> Destination	Public VolumeChange	Public IAmRoutingReceive	
Sequence ackSetSourceVolumeCha nge(am_Handle_s, am_volume_t, am_Error_e) Source -> Destination	Public VolumeChange	Public IAmRoutingReceive	
Sequence ackSetSourceVolumeCha nge(am_Handle_s, am_volume_t, am_Error_e) Source -> Destination	Public VolumeChange	Public IAmRoutingReceive	

r_SourceVolumeTicks

Type: InteractionOccurrence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceVolumeChangeKeywords:Detail:Created on 04.10.2011. Last modified on 04.10.2011.GUID:{D77383B9-BA7C-4aa3-8861-A7267663E651}

volume change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceVolumeChangeKeywordsDetail:Created on 07.09.2011. Last modified on 07.09.2011.GUID:{B05AAA91-802A-4f08-B332-67BAC86BA737}

volume change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceVolumeChangeKeywords:Detail:Created on 04.10.2011. Last modified on 04.10.2011.GUID:{7FE10634-2E5C-41c7-A394-26EEEA721A7A}

volume change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousSourceVolumeChangeKeywords:Detail:Created on 07.09.2011. Last modified on 07.09.2011.GUID:{7614A1C5-E812-4b9e-B6CE-D7E2BB0D57B3}

actions_AsynchronousDisconnect

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 24.08.2011. Last modified on 12.10.2011 GUID: {D7CD83F0-B7F8-40f5-A0F5-EB49339CA324}

<u>actions_AsynchronousDisconnect</u> - (Interaction diagram)

Created By: christian on 24.08.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {FA8EB988-7129-43e0-945A-65FB716377D2}

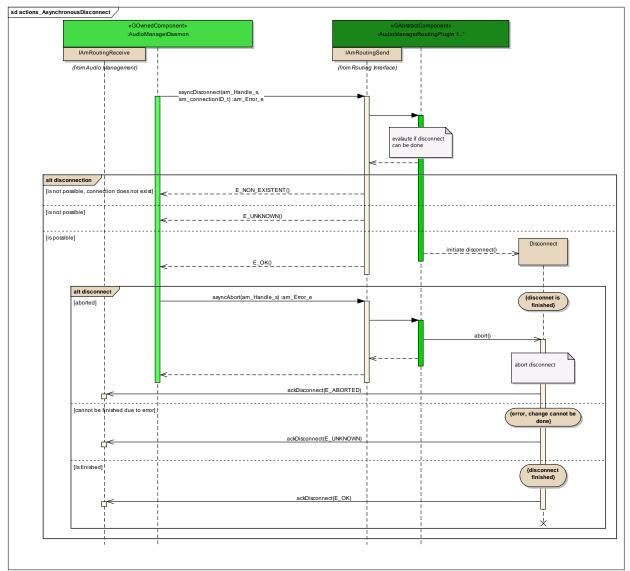


Figure: 20

Disconnect

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousDisconnectKeywords:Detail:Created on 24.08.2011. Last modified on 24.08.2011.GUID:{9B98FC84-98DE-4034-819B-1B22417E88FE}

Connections

Comments				
Connector	Source	Target	Notes	
Sequence initiate	Public	Public		
disconnect	<anonymous></anonymous>	Disconnect		
Source -> Destination				

Connector	Source	Target	Notes
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	Disconnect	
<u>Sequence</u>	Public	Public	
ackDisconnect(am_Handl	Disconnect	IAmRoutingReceive	
e_s, am_connectionID_t,			
am_Error_e)			
Source -> Destination			
Sequence	Public	Public	
ackDisconnect(am_Handl	Disconnect	IAmRoutingReceive	
e_s, am_connectionID_t,			
am_Error_e)			
Source -> Destination			
Sequence	Public	Public	
ackDisconnect(am_Handl	Disconnect	IAmRoutingReceive	
e_s, am_connectionID_t,			
am_Error_e)			
Source -> Destination			

disconnect

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousDisconnectKeywords:Detail:Created on 24.08.2011. Last modified on 24.08.2011.GUID:{68A4A5FC-568E-4af0-A5D6-8068027CFBD0}

disconnection

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousDisconnectKeywords:Detail:Created on 24.08.2011. Last modified on 24.08.2011.GUID:{23708B08-D308-4341-A2F7-E9DA5A386C7F}

$actions_A synchronous Multiple Volume Change$

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 29.11.2012. Last modified on 29.11.2012

GUID: {CEE7CADD-53A7-48ed-A88C-A7D58B68E7E7}

$\underline{actions_Asynchronous}\underline{MultipleVolumeChange} \ - (\mathit{Interaction\ diagram})$

Created By: q232968 on 29.11.2012

Last Modified: 29.11.2012 Version: 1.0. Locked: False

GUID: {43186345-EB25-4534-A2A5-67655D3755A0}

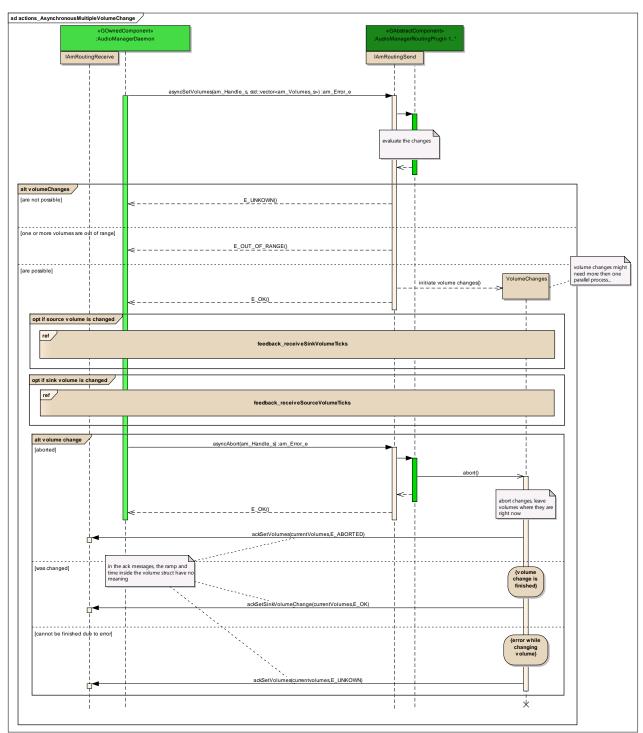


Figure: 21

VolumeChanges

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousMultipleVolumeChangeKeywords:Detail:Created on 29.11.2012. Last modified on 29.11.2012.GUID:{B7EAFC92-552E-4d40-9119-8B9B25A93E04}

Connections

Connector	Source	Target	Notes
NoteLink	Public	Public	
	<anonymous></anonymous>	VolumeChanges	
~			
Sequence initiate volume	Public	Public	
changes	IAmRoutingSend	VolumeChanges	
Source -> Destination			
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	VolumeChanges	
<u>Sequence</u>	Public	Public	
ackSetVolumes(am_Hand	VolumeChanges	IAmRoutingReceive	
le_s,			
std::vector <am_volumes_< td=""><td></td><td></td><td></td></am_volumes_<>			
s>, am_Error_e)			
Source -> Destination			
Sequence	Public	Public	
ackSetSinkVolumeChang	VolumeChanges	IAmRoutingReceive	
e(am_Handle_s,		8	
am_volume_t,			
am_Error_e)			
Source -> Destination			
Sequence	Public	Public	
ackSetVolumes(am_Hand	VolumeChanges	IAmRoutingReceive	
le_s,			
std::vector <am_volumes_< td=""><td></td><td></td><td></td></am_volumes_<>			
s>, am_Error_e)			
Source -> Destination			

feedback_receiveSinkVolumeTicks

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousMultipleVolumeChangeKeywords:Detail:Created on 29.11.2012. Last modified on 29.11.2012.GUID:{5C42C322-69B7-4ffa-8251-8ACDAB798567}

feedback receiveSourceVolumeTicks

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousMultipleVolumeChangeKeywords:Detail:Created on 29.11.2012. Last modified on 29.11.2012.GUID:{8D2E93AC-955D-44fa-88AD-D95154B3E713}

if sink volume is changed

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousMultipleVolumeChangeKeywords:Detail:Created on 29.11.2012. Last modified on 29.11.2012.GUID:{E72BBAC8-BE25-4a7d-A036-7FC140ED71FC}

if source volume is changed

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousMultipleVolumeChangeKeywords:Detail:Created on 29.11.2012. Last modified on 29.11.2012.GUID:{78981C5A-ED31-4c67-B085-3590E536EDBC}

volume change

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousMultipleVolumeChangeKeywords:Detail:Created on 29.11.2012. Last modified on 29.11.2012.GUID:{414DEEF3-33BE-47a3-8A4C-A2528C1C500A}

volumeChanges

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package:actions_AsynchronousMultipleVolumeChangeKeywords:Detail:Created on 29.11.2012. Last modified on 29.11.2012.GUID:{65F405B8-CB95-42ae-86B4-9C1D520E9DAD}

actions_AsynchronousConnect

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Actions

Detail: Created on 23.08.2011. Last modified on 11.10.2011
GUID: {E42577B0-0D3E-4ed2-BD19-B999ADB77D6D}

This shows how a basic connect is done.

<u>actions AsynchronousConnect</u> - (Interaction diagram)

Created By: christian on 23.08.2011

Last Modified: 20.10.2011 Version: 1.0. Locked: False

GUID: {5078CDC1-2236-45ca-A7A0-89A0BAF22541}

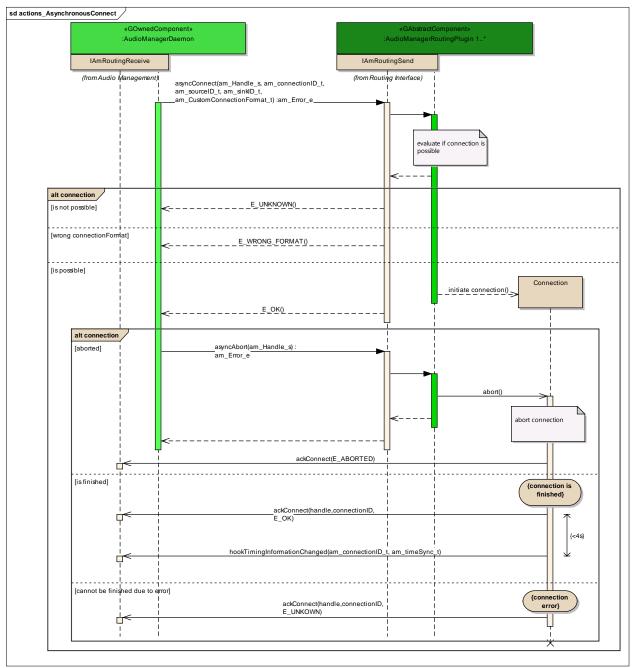


Figure: 22

Connection

Type: Sequence

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousConnect Keywords:

 Detail:
 Created on 23.08.2011. Last modified on 23.08.2011.

 GUID:
 {D61EC55F-06D7-4a77-97EF-8BB2DB3F93D0}

Connections

Connector	Source	Target	Notes
Sequence initiate	Public	Public	
connection	<anonymous></anonymous>	Connection	
Source -> Destination			
Sequence abort	Public	Public	
Source -> Destination	<anonymous></anonymous>	Connection	
Sequence	Public	Public	
ackConnect(am_Handle_s	Connection	IAmRoutingReceive	
, am_connectionID_t,			
am_Error_e)			
Source -> Destination			
Sequence	Public	Public	
ackConnect(am_Handle_s	Connection	IAmRoutingReceive	
, am_connectionID_t,			
am_Error_e)			
Source -> Destination			
Sequence	Public	Public	
hookTimingInformationC	Connection	IAmRoutingReceive	
hanged(am_connectionID			
_t, am_timeSync_t)			
Source -> Destination			
Sequence	Public	Public	
ackConnect(am_Handle_s	Connection	IAmRoutingReceive	
, am_connectionID_t,			
am_Error_e)			
Source -> Destination			

connection

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousConnect Keywords:

Detail: Created on 23.08.2011. Last modified on 23.08.2011. GUID: {1FD6A82A-B9BD-41d4-8302-C1D34549B92E}

connection

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: actions_AsynchronousConnect Keywords:

Detail: Created on 23.08.2011. Last modified on 23.08.2011. GUID: {1C4140EF-4156-4d43-B9F0-FFB19B53A3A3}

Registration_&_Startup

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Routing Interface

Detail: Created on 09.09.2011. Last modified on 09.09.2011
GUID: {586BC938-53CA-42dd-9678-EC4DD79F95A1}

setup_RoutingInterfaceReady

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 12.10.2011. Last modified on 12.10.2011
GUID: {874C18D1-3D8A-4996-9642-06B0CFC3753E}

$\underline{setup} \ \ \underline{RoutingInterfaceReady} \ - (Interaction \ diagram)$

Created By: christian on 12.10.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {136091CE-3582-423b-AE8D-7D41D3367C2E}

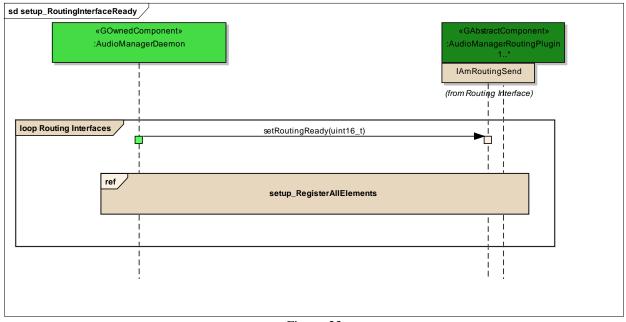


Figure: 23

Routing Interfaces

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_RoutingInterfaceReady Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {7C1ABDF1-C6B1-4b83-B91F-B435510EB3F9}

setup_RegisterAllElements

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_RoutingInterfaceReady Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {216EA9E7-8AB8-450a-BC3C-FFCFB53DD21B}

setup_DomainRegistration

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

 Detail:
 Created on 19.08.2011. Last modified on 11.10.2011

 GUID:
 {51126B35-5A6C-4de6-AE01-BA66C5B264DE}

setup_DomainRegistration - (Interaction diagram)

Created By: christian on 19.08.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {2D375EB3-3A69-4c23-A2FF-C0207895F05E}

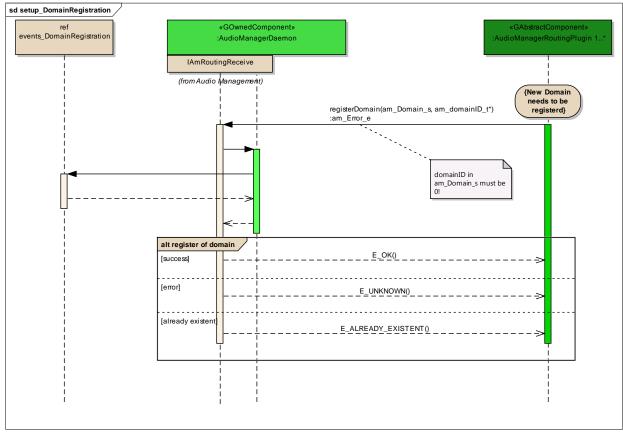


Figure: 24

events_DomainRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_DomainRegistration Keywords:

Detail: Created on 19.08.2011. Last modified on 11.10.2011. GUID: {548A6CFB-3164-4783-B032-7E30EE430073}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_DomainRegistra	
		tion	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_DomainRegistra	<anonymous></anonymous>	
	tion		

register of domain

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_DomainRegistration Keywords:

Detail: Created on 10.10.2011. Last modified on 10.10.2011. GUID: {B7D8E277-B471-4a25-89F5-AC237DBDFFAF}

setup_SinkRegistration

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 16.08.2011. Last modified on 11.10.2011 GUID: {D3FE8D71-2C96-4c9e-9DA0-A6743A896886}

setup_SinkRegistration - (Interaction diagram)

Created By: christian on 16.08.2011

Last Modified: 11.10.2011 Version: 1.0. Locked: False

GUID: {0154F8BD-0534-447c-9BEA-4FF27AF91DC6}

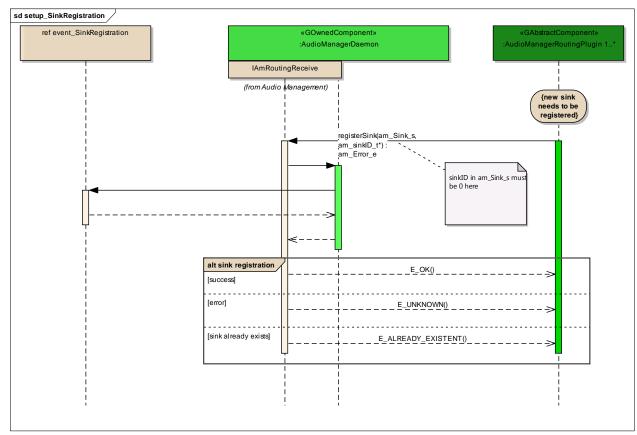


Figure: 25

event_SinkRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SinkRegistration Keywords:

Detail: Created on 22.08.2011. Last modified on 11.10.2011. GUID: {7CBBA4FA-C1A4-4513-853A-5A6699A5ACE5}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	event_SinkRegistration	
<u>Sequence</u>	Public	Public	
Source -> Destination	event_SinkRegistration	<anonymous></anonymous>	

sink registration

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SinkRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {6627E680-A89A-4b9a-BDDF-7033BAE90CF5}

setup_SourceRegistration

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 16.08.2011. Last modified on 12.10.2011 GUID: {D6E750BE-5319-4fe8-9537-A7232A271897}

setup_SourceRegistration - (Interaction diagram)

Created By: christian on 16.08.2011

Last Modified: 11.10.2011 Version: 1.0. Locked: False

GUID: {A7D19339-EB38-4bc7-AD68-7709C5C4D075}

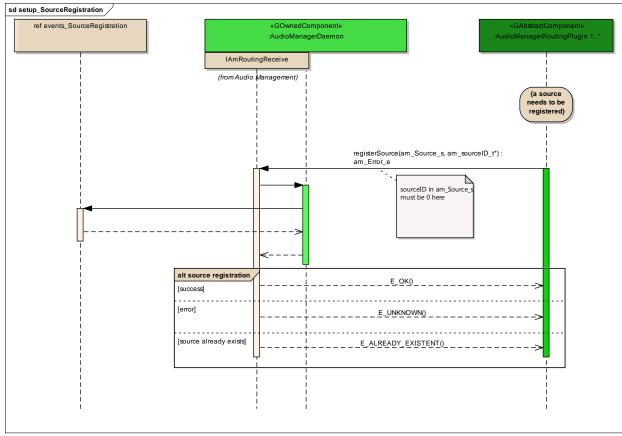


Figure: 26

events_SourceRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SourceRegistration Keywords:

Detail: Created on 22.08.2011. Last modified on 11.10.2011. GUID: {E7793BB9-80EC-4488-8010-4B42D09D124C}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_SourceRegistrati	
		on	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_SourceRegistrati	<anonymous></anonymous>	
	on		

source registration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SourceRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {4A1A1A91-B45C-4560-8BD5-48EC49752402}

setup_GatewayRegistration

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 22.08.2011. Last modified on 11.10.2011 GUID: {BD8E6683-2A9C-4c22-870F-3D0061C2D3C0}

$\underline{setup_GatewayRegistration} \ \hbox{-} \ (Interaction \ diagram)$

Created By: christian on 22.08.2011

Last Modified: 17.10.2011 Version: 1.0. Locked: False

GUID: {E239BDA1-FAEE-4205-86CE-13D2E89A20AE}

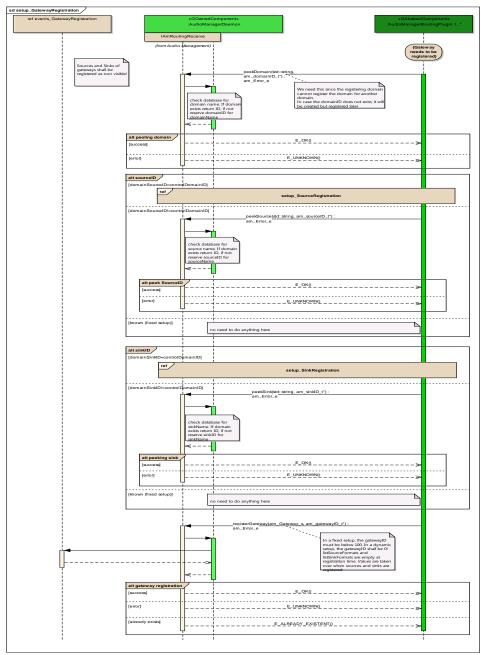


Figure: 27

events_GatewayRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {0D9C2658-8528-42f6-A7B6-11FFFA0537E8}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_GatewayRegistr	
		ation	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_GatewayRegistr	<anonymous></anonymous>	
	ation		

gateway registration

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {4D6F9ECA-815D-4838-A4A9-1C5E8EB8E529}

peek SourceID

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {7547E7DF-A335-43e7-B7E6-061E9C35532F}

peeking sink

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {E802C848-54A4-46c4-92E8-2EDD726BE21F}

peeling domain

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {1AC349BB-CDC3-435f-A9C9-0456A0307517}

setup_SinkRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {65B11D09-C285-4128-9118-1969924FE66E}

setup_SourceRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_GatewayRegistration Keywords:

Detail: Created on 22.08.2011. Last modified on 11.10.2011. GUID: {E948E232-1172-4649-9BA8-C43B63AB11BE}

sinkID

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {0CA54F7A-1AEC-4e79-9C33-D6F6A20B856F}

sourceID

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayRegistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {9AC29E17-1F34-4d07-A2DF-C22D7A922A79}

setup_CrossfaderRegistration

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 12.10.2011. Last modified on 12.10.2011 GUID: {053A9762-8B04-49fd-B7F2-DFB89A72EFDB}

setup CrossfaderRegistration - (Interaction diagram)

Created By: christian on 12.10.2011

Last Modified: 12.10.2011

Version: 1.0. Locked: False

GUID: {4B3931AF-6D14-44b5-A7EA-D9D4C86B4C4D}

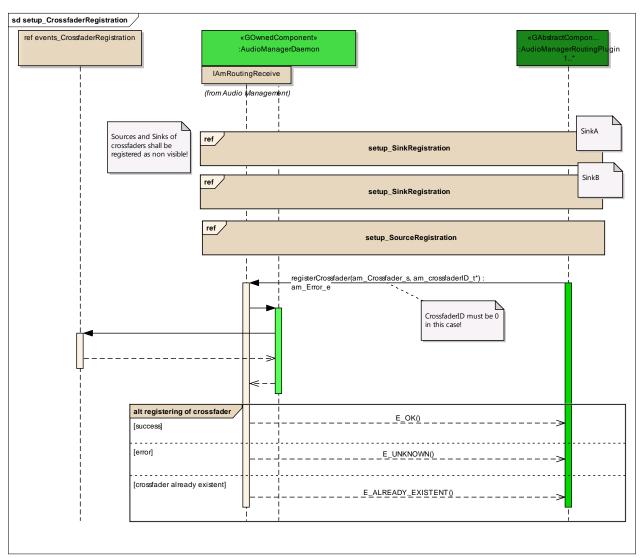


Figure: 28

events_CrossfaderRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Keywords: Package: setup_CrossfaderRegistration

Created on 12.10.2011. Last modified on 12.10.2011. Detail: GUID: {1AE8AA6A-13A1-469e-8A60-BEA4FD9DD5BE}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_CrossfaderRegis tration	
Source -> Destination	Public events_CrossfaderRegis tration	Public <anonymous></anonymous>	

registering of crossfader

InteractionFragment *Type:*

Proposed. Version 1.0. Phase 1.0. Status: Package: setup_CrossfaderRegistration Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {57C5FEC1-0695-44ce-A653-D963DB9B875B}

setup_SinkRegistration

InteractionOccurrence Type:

Proposed. Version 1.0. Phase 1.0. Status:

setup_CrossfaderRegistration Keywords: Package:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {CB1AC725-AA47-4685-816B-3D84BB7BB9EE}

setup_SinkRegistration

InteractionOccurrence Type:

Status: Proposed. Version 1.0. Phase 1.0. Package: setup CrossfaderRegistration Keywords:

Created on 12.10.2011. Last modified on 12.10.2011. Detail:

{7E7FB1C7-B0E5-4ab1-893D-431E6C31F0AF} GUID:

setup_SourceRegistration

InteractionOccurrence

Proposed. Version 1.0. Phase 1.0. Status:

Package: setup_CrossfaderRegistration Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: $\{15FC4145\text{-}FDAC\text{-}43cb\text{-}A877\text{-}534DDA92ADC2}\}$

setup_SinkDeregistration

Type: **Package**

Status: Reworked. Version 1.0. Phase 1.0.

Registration_&_Startup Package:

Created on 14.09.2011. Last modified on 12.10.2011 Detail: {B4A95A4A-897B-4dc8-BC72-E007D1CE1726} GUID:

setup_SinkDeregistration - (Interaction diagram)

christian on 14.09.2011 Created By:

11.10.2011 Last Modified: Version: 1.0. Locked: False

GUID: {42532F75-3310-47fb-91AF-A819CEC4246D}

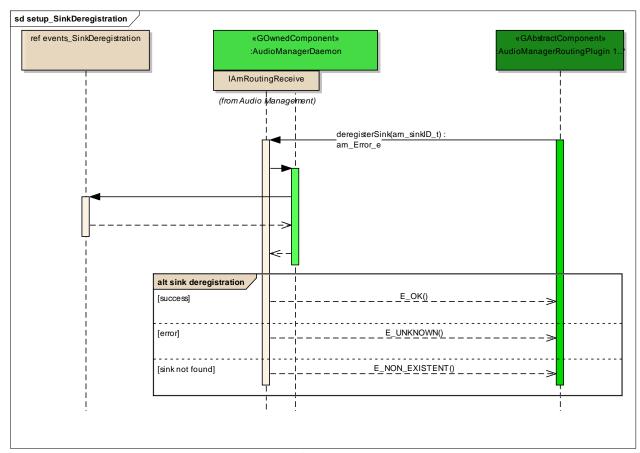


Figure: 29

events_SinkDeregistration

Type: InteractionOccurrence

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SinkDeregistration Keywords:

Detail: Created on 14.09.2011. Last modified on 11.10.2011. GUID: {802398C0-6B77-4cc4-A156-50AB5D7F539C}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_SinkDeregistrati	
		on	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_SinkDeregistrati	<anonymous></anonymous>	
	on		

sink deregistration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SinkDeregistration Keywords:

 Detail:
 Created on 11.10.2011. Last modified on 11.10.2011.

 GUID:
 {5DE8ED12-5E3A-4d76-8BCE-39BBB8A494F4}

setup_SourceDeregistration

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration & Startup

 Detail:
 Created on 13.09.2011. Last modified on 11.10.2011

 GUID:
 {0921AD1E-DECD-406c-B56E-9E8D0BAE49C1}

setup_SourceDeregistration - (Interaction diagram)

Created By: christian on 13.09.2011

Last Modified: 11.10.2011 Version: 1.0. Locked: False

GUID: {76846636-007D-4b73-BD36-3721EF905101}

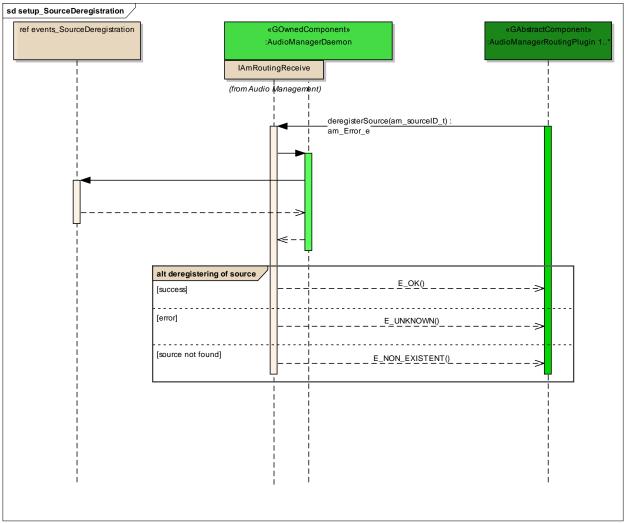


Figure: 30

deregistering of source

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SourceDeregistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {015925B5-AAD2-4098-BAC3-45AE13CDD714}

events_SourceDeregistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_SourceDeregistration Keywords:

Detail: Created on 13.09.2011. Last modified on 11.10.2011. GUID: {1E6E066D-7B87-48aa-9385-B6071BC59981}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_SourceDeregistr	
		ation	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_SourceDeregistr	<anonymous></anonymous>	
	ation		

setup_DomainDeregistration

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 13.09.2011. Last modified on 11.10.2011 GUID: {7C769566-8B21-47f1-BA8D-E30A5124FB98}

setup DomainDeregistration - (Interaction diagram)

Created By: christian on 13.09.2011

Last Modified: 11.10.2011 Version: 1.0. Locked: False

GUID: {04A3FA77-76A1-43a2-8733-E51BE756E89B}

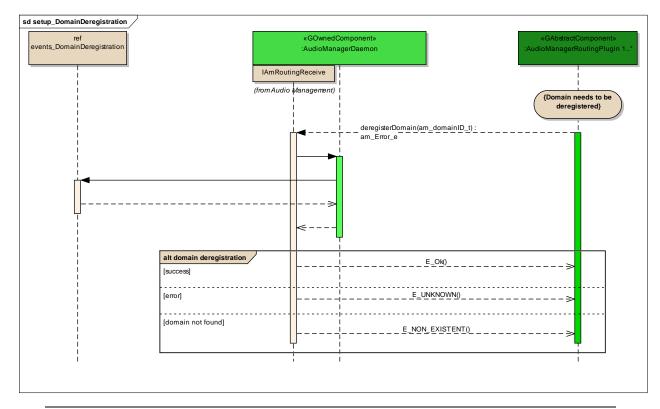


Figure: 31

domain deregistration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_DomainDeregistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {21E2281B-BC5D-495d-9A38-24A4257228D2}

events_DomainDeregistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_DomainDeregistration Keywords:

Detail: Created on 13.09.2011. Last modified on 11.10.2011. GUID: {039F4D65-4D0C-4da4-B3CD-3C99A68BAD7D}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_DomainDeregist	
		ration	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_DomainDeregist	<anonymous></anonymous>	
	ration		

setup_GatewayDeregistration

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 13.09.2011. Last modified on 11.10.2011 GUID: {938860D0-E5D2-4928-8D52-C46F9F7BEAB5}

$\underline{setup} \ \ \underline{Gateway Deregistration} \ - \ (Interaction \ diagram)$

Created By: christian on 13.09.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {7B4E60BD-B3EA-4713-B932-4E0579D7616D}

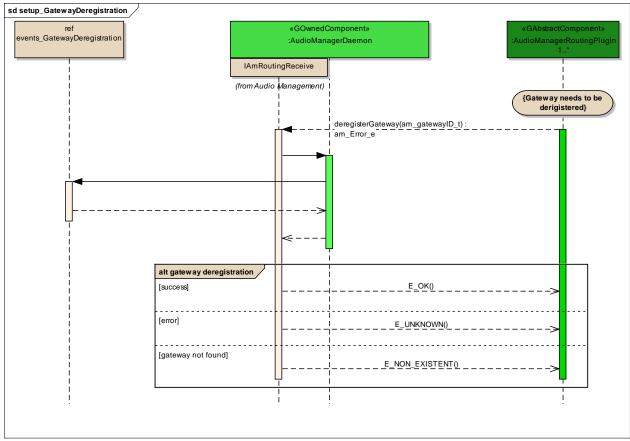


Figure: 32

events_GatewayDeregistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayDeregistration Keywords:

Detail: Created on 13.09.2011. Last modified on 11.10.2011. GUID: {9EFD6E6C-0E7B-406f-80CA-6DFF95837871}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_GatewayDeregis	
		tration	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_GatewayDeregis	<anonymous></anonymous>	
	tration		

gateway deregistration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_GatewayDeregistration Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {DFE8CF8A-FF6A-4914-A81C-C7F90100C3F5}

setup_Crossfader_Deregistration

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 12.10.2011. Last modified on 12.10.2011 GUID: {09B1E6D6-C329-4c57-9303-1E6C44325527}

setup_Crossfader_Deregistration - (Interaction diagram)

Created By: christian on 12.10.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {AF4C761A-5473-40bd-A0E9-F16E9683A9F3}

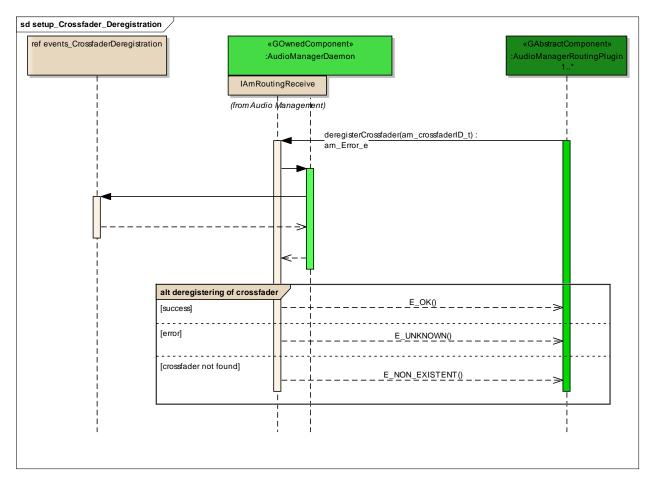


Figure: 33

deregistering of crossfader

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:setup_Crossfader_DeregistrationKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{4362610A-6FD6-4390-A9E8-442CE16A2B39}

events_CrossfaderDeregistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package:setup_Crossfader_DeregistrationKeywords:Detail:Created on 12.10.2011. Last modified on 12.10.2011.GUID:{849AA62B-2070-435f-B5FD-031A399706B7}

Connections

Compaton	Correce	Tanget	Notes
Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_CrossfaderDere	
		gistration	
Sequence	Public	Public	
Source -> Destination	events_CrossfaderDere	<anonymous></anonymous>	
	gistration		

setup_LoadPlugins

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 23.08.2011. Last modified on 11.10.2011 GUID: {5D6BE2BB-0A84-4319-948B-4FE4F9F907D3}

<u>setup LoadPlugins</u> - (Interaction diagram) Created By: christian on 23.08.2011

Last Modified: 12.10.2011 Version: 1.0. Locked: False

GUID: {5D080FFE-A3FC-4fef-B55B-FB4BEB419563}

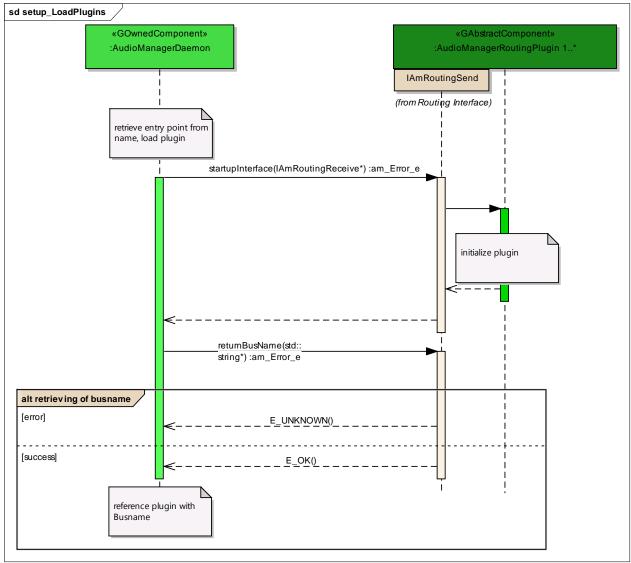


Figure: 34

retrieving of busname

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_LoadPlugins Keywords:

Detail: Created on 11.10.2011. Last modified on 11.10.2011. GUID: {508E0140-73EB-4a26-9D42-C821B6CC4E28}

setup_RegisterAllElements

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 23.08.2011. Last modified on 11.10.2011 GUID: {40E8D4FF-0063-49bd-A9CF-D7BA4C97BF3C}

setup_RegisterAllElements - (Interaction diagram)

Created By: christian on 23.08.2011

Last Modified: 14.02.2012 Version: 1.0. Locked: False

GUID: {076D5409-ECF1-4272-B619-2453773AE772}

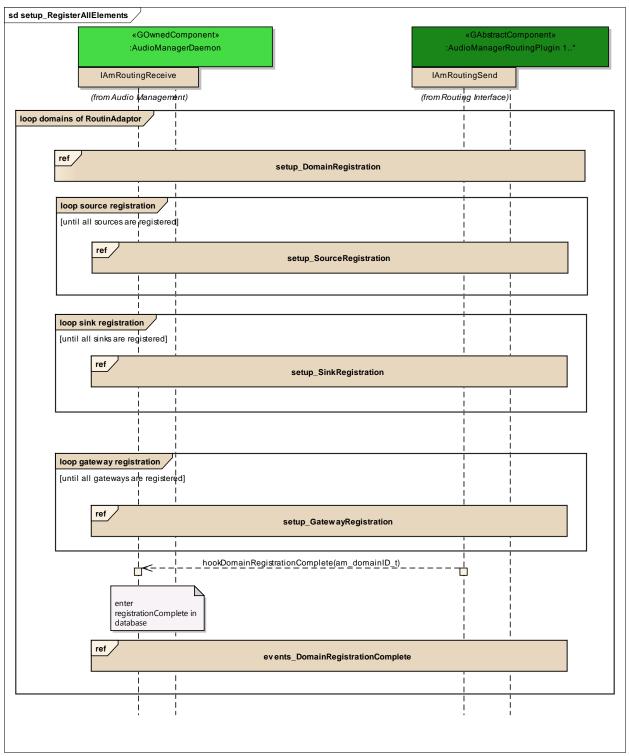


Figure: 35

domains of RoutinAdaptor

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_RegisterAllElements Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011.

GUID: {5337587D-856E-43c9-A6BD-8096D1ABC50B}

events_DomainRegistrationComplete

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_RegisterAllElements Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {4B3B5AEF-4EDF-49e5-B8AC-EBF53327624B}

gateway registration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_RegisterAllElements Keywords:

Detail: Created on 23.08.2011. Last modified on 11.10.2011. GUID: {EC7B06E5-BBD4-42be-B8B6-3656C5860E5D}

setup_DomainRegistration

Type: InteractionOccurrence

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup RegisterAllElements Keywords:

Detail: Created on 23.08.2011. Last modified on 11.10.2011. GUID: {64FACD46-446E-421a-8B40-0AAF930FB5ED}

setup_GatewayRegistration

Type: InteractionOccurrence

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_RegisterAllElements Keywords:

Detail: Created on 23.08.2011. Last modified on 11.10.2011. GUID: {8E8D8339-FAB4-4227-A695-26FC3A4E19B9}

setup_SinkRegistration

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_RegisterAllElements Keywords:

Detail: Created on 23.08.2011. Last modified on 11.10.2011. GUID: {A2742F69-75B3-4ce3-BE18-18EDDF1F5288}

setup_SourceRegistration

Type: **InteractionOccurrence**

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_RegisterAllElements Keywords:

Detail: Created on 23.08.2011. Last modified on 14.02.2012. GUID: {AE31C658-E69E-499a-861E-060B26922353}

sink registration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_RegisterAllElements Keywords:

 Detail:
 Created on 23.08.2011. Last modified on 23.08.2011.

 GUID:
 {F093ED4B-09C1-4bef-823C-316E9C6113D3}

source registration

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_RegisterAllElements Keywords:

Detail: Created on 23.08.2011. Last modified on 23.08.2011. GUID: {7416017D-0818-4359-BE8F-A735D2AAA792}

setup_Startup

Type: Package

Status: Reworked. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 16.08.2011. Last modified on 11.10.2011 GUID: {9452C519-00CE-47d5-9293-6B84B57C3FBA}

<u>setup_Startup</u> - (Interaction diagram) Created By: christian on 23.08.2011

Last Modified: 07.03.2012 Version: 1.0. Locked: False

GUID: {04744B52-4E87-40c3-9F46-F40E15A58FF9}

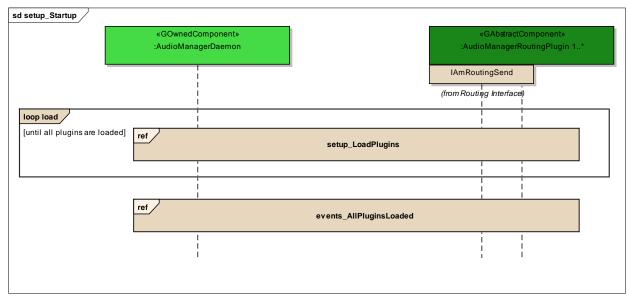


Figure: 36

events_AllPluginsLoaded

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_Startup Keywords:

Detail: Created on 12.10.2011. Last modified on 12.10.2011. GUID: {1B3B3592-7F90-4e11-8D02-B8F56DE3417A}

load

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0.

Package: setup_Startup Keywords:
Detail: Created on 23.08.2011. Last n

Detail: Created on 23.08.2011. Last modified on 23.08.2011. GUID: {2FBC20D4-3979-4628-B57A-7716D9CE0B54}

setup_LoadPlugins

InteractionOccurrence *Type:*

Proposed. Version 1.0. Phase 1.0. Status: Keywords: Package: setup_Startup

Created on 23.08.2011. Last modified on 11.10.2011. Detail:

{9ABBCD5F-D966-4b9d-8D3E-220EC1523275} GUID:

Constraints

• r_: (Invariant, Status is Approved)

setup_UpdateSourceData

Package *Type:*

Status: Proposed. Version 1.0. Phase 1.0.

Registration_&_Startup Package:

Detail: Created on 28.06.2012. Last modified on 28.06.2012 *GUID*: {576BF82B-30F4-4bb1-9888-467548CBF2FF}

setup UpdateSourceData - (Interaction diagram)

Created By: q232968 on 28.06.2012

05.02.2013 Last Modified: 1.0. Locked: False Version:

GUID: {DBE9D087-3356-4ad5-9CD4-F279D4A9BBF0}

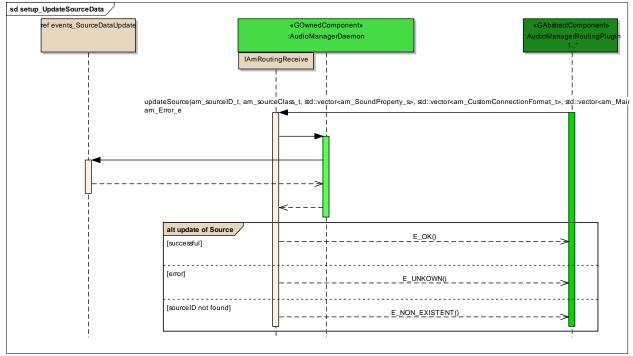


Figure: 37

events_SourceDataUpdate

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_UpdateSourceData Keywords:

Detail: Created on 28.06.2012. Last modified on 28.06.2012. GUID: {A65CD954-9FBF-4769-B2F6-AEFBC0F7B0AC}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_SourceDataUpd	
		ate	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_SourceDataUpd	<anonymous></anonymous>	
	ate		

events_SourceDataUpdate

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_UpdateSourceData Keywords:

Detail: Created on 28.06.2012. Last modified on 28.06.2012. GUID: {48D50C04-AE12-4b82-ACE2-03EADC7B1CEF}

update of Source

Type: InteractionFragment

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_UpdateSourceData Keywords:

Detail: Created on 28.06.2012. Last modified on 28.06.2012. GUID: {529500F7-9686-4dee-9942-77CB5186F5F4}

setup_UpdateSink

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 29.06.2012. Last modified on 29.06.2012 GUID: {9B67B60E-2CD3-475d-8ADF-3F9CFDC380CF}

<u>setup_UpdateSink</u> - (Interaction diagram) Created By: q232968 on 29.06.2012

Last Modified: 27.11.2012 Version: 1.0. Locked: False

GUID: {29A3AA59-B4B5-4c4e-B6E6-EA8476645A8D}

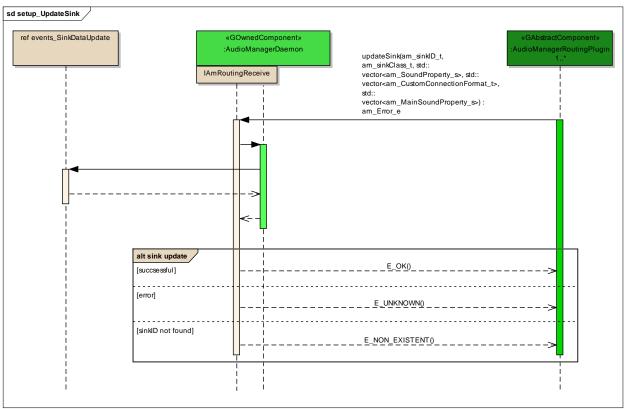


Figure: 38

events_SinkDataUpdate

Type: InteractionOccurrence

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_UpdateSink Keywords:

Detail: Created on 29.06.2012. Last modified on 29.06.2012. GUID: {A245486C-2E82-48de-95A7-91725F2A7D58}

Connections

Connector	Source	Target	Notes
<u>Sequence</u>	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_SinkDataUpdate	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_SinkDataUpdate	<anonymous></anonymous>	

sink update

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_UpdateSink Keywords:

Detail: Created on 29.06.2012. Last modified on 29.06.2012. GUID: {42212245-CDE0-4bb4-89CD-C1C9F4DAD6E8}

setup_UpdateGateway

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Registration_&_Startup

Detail: Created on 29.06.2012. Last modified on 29.06.2012 GUID: {953D6E87-B1B1-4011-B983-58E0AD20C41A}

 $\underline{setup_UpdateGateway} \ \hbox{-} \ (Interaction \ diagram)$

Created By: q232968 on 29.06.2012

Last Modified: 27.11.2012 Version: 1.0. Locked: False

GUID: {15BAAB28-904E-44a9-B212-4FF9D113EFC0}

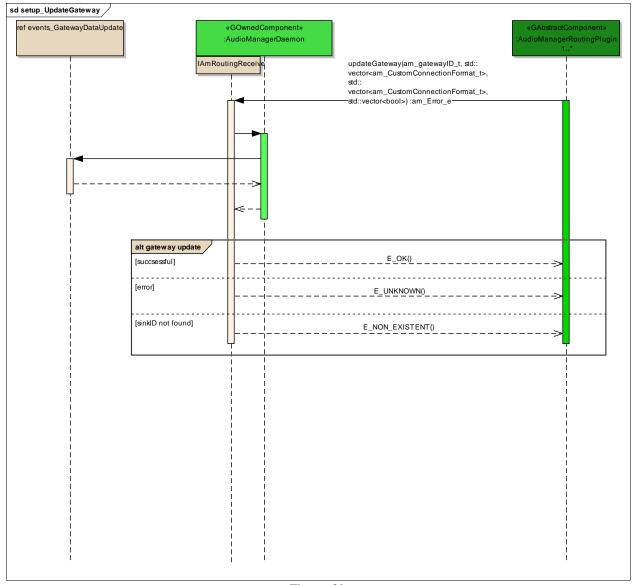


Figure: 39

events_GatewayDataUpdate

InteractionOccurrence Type:

Status: Proposed. Version 1.0. Phase 1.0. Package:

setup_UpdateGateway Keywords: Created on 29.06.2012. Last modified on 29.06.2012. Detail: GUID: {1EE37937-629F-44af-A1EE-518892F3DABC}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	
Source -> Destination	<anonymous></anonymous>	events_GatewayDataUp	

Connector	Source	Target	Notes
		date	
<u>Sequence</u>	Public	Public	
Source -> Destination	events_GatewayDataUp	<anonymous></anonymous>	
	date		

events_SinkDataUpdate

Type: <u>InteractionOccurrence</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_UpdateGateway Keywords:

Detail: Created on 29.06.2012. Last modified on 29.06.2012. GUID: {FECE6E89-0A49-4b3d-866E-61A3CD7AC875}

gateway update

Type: <u>InteractionFragment</u>

Status: Proposed. Version 1.0. Phase 1.0. Package: setup_UpdateGateway Keywords:

Detail: Created on 29.06.2012. Last modified on 29.06.2012. GUID: {04D27B4A-10D3-4868-A98A-BDEB5D764A22}

8 Headers

8.1 IAmRoutingReceive

```
/**
* Copyright (C) 2012 - 2014, BMW AG
* This file is part of GENIVI Project AudioManager.
 * Contributions are licensed to the GENIVI Alliance under one or more
 * Contribution License Agreements.
 * \copyright
 * This Source Code Form is subject to the terms of the
 * Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with
 * this file, You can obtain one at http://mozilla.org/MPL/2.0/.
 * \author Christian Linke, christian.linke@bmw.de BMW 2011 - 2014
 * \file
 * For further information see http://projects.genivi.org/audio-manager
* THIS CODE HAS BEEN GENERATED BY ENTERPRISE ARCHITECT GENIVI MODEL.
* PLEASE CHANGE ONLY IN ENTERPRISE ARCHITECT AND GENERATE AGAIN.
#if !defined(EA 6ECD9991 3219 4bf4 B9F7 DDE15D8683C6 INCLUDED)
#define EA 6ECD9991 3219 4bf4 B9F7 DDE15D8683C6 INCLUDED
#include <vector>
#include <string>
#include "audiomanagertypes.h"
```

```
namespace am {
class CAmDbusWrapper;
class CAmSocketHandler;
}
#include "audiomanagertypes.h"
#define RoutingReceiveVersion "2.0"
namespace am {
 * Routing Receive sendInterface description. This class implements everything
 * from RoutingAdapter -> Audiomanager
 * There are two rules that have to be kept in mind when implementing against this
 * interface:\n
 * \warning
 * 1. CALLS TO THIS INTERFACE ARE NOT THREAD SAFE !!!! \n
 * 2. YOU MAY NOT CALL THE CALLING INTERFACE DURING AN SYNCHRONOUS OR ASYNCHRONOUS
 * CALL THAT EXPECTS A RETURN VALUE.\n
 * \details
 * Violation these rules may lead to unexpected behavior! Nevertheless you can
 * implement thread safe by using the deferred-call pattern described on the wiki
 ^{\star} which also helps to implement calls that are forbidden.\n
 * For more information, please check CAmSerializer
 * /
class IAmRoutingReceive
{
public:
       IAmRoutingReceive() {
       virtual ~IAmRoutingReceive() {
       }
       virtual void getInterfaceVersion(std::string& version) const =0;
       virtual void ackConnect(const am_Handle_s handle, const am_connectionID_t connectionID,
const am Error e error) =0;
```

```
virtual void ackDisconnect(const am Handle s handle, const am connectionID t
connectionID, const am Error e error) =0;
       virtual void ackSetSinkVolumeChange(const am_Handle_s handle, const am_volume_t volume,
const am Error e error) =0;
       virtual void ackSetSourceVolumeChange(const am Handle s handle, const am volume t volume,
const am_Error_e error) =0;
       virtual void ackSetSourceState(const am Handle s handle, const am Error e error) =0;
       virtual void ackSetSinkSoundProperties(const am Handle s handle, const am Error e error)
=0:
       virtual void ackSetSinkSoundProperty(const am Handle s handle, const am Error e error)
=0;
       virtual void ackSetSourceSoundProperties(const am Handle s handle, const am Error e
error) =0;
       virtual void ackSetSourceSoundProperty(const am Handle s handle, const am Error e error)
       virtual void ackCrossFading(const am Handle s handle, const am HotSink e hotSink, const
am Error e error) =0;
       virtual void ackSourceVolumeTick(const am Handle s handle, const am sourceID t sourceID,
const am_volume_t volume) =0;
       virtual void ackSinkVolumeTick(const am Handle s handle, const am sinkID t sinkID, const
am volume t volume) =0;
       virtual am Error e peekDomain(const std::string& name, am domainID t& domainID) =0;
       virtual am Error e registerDomain(const am Domain s& domainData, am domainID t& domainID)
=0:
       virtual am Error e deregisterDomain(const am domainID t domainID) =0;
       virtual am Error e registerGateway(const am Gateway s& gatewayData, am gatewayID t&
gatewayID) =0;
       virtual am Error e deregisterGateway(const am gatewayID t gatewayID) =0;
       virtual am_Error_e peekSink(const std::string& name, am_sinkID_t& sinkID) =0;
       virtual am Error e registerSink(const am Sink s& sinkData, am sinkID t& sinkID) =0;
       virtual am Error e deregisterSink(const am sinkID t sinkID) =0;
       virtual am Error e peekSource(const std::string& name, am sourceID t& sourceID) =0;
       virtual am Error e registerSource(const am Source s& sourceData, am sourceID) t& sourceID)
=0:
       virtual am Error e deregisterSource(const am sourceID t sourceID) =0;
       virtual am Error e registerCrossfader(const am Crossfader s& crossfaderData,
am crossfaderID t& crossfaderID) =0;
       virtual am_Error_e deregisterCrossfader(const am_crossfaderID_t crossfaderID) =0;
       virtual am Error e peekSourceClassID(const std::string@ name, am sourceClass t@
sourceClassID) =0;
       virtual am Error e peekSinkClassID(const std::string& name, am sinkClass t& sinkClassID)
=0:
       virtual void hookInterruptStatusChange(const am sourceID t sourceID, const
am_InterruptState_e interruptState) =0;
       virtual void hookDomainRegistrationComplete(const am domainID t domainID) =0;
       virtual void hookSinkAvailablityStatusChange(const am sinkID t sinkID, const
am_Availability_s& availability) =0;
       virtual void hookSourceAvailablityStatusChange(const am sourceID t sourceID, const
am Availability s& availability) =0;
       virtual void hookDomainStateChange(const am domainID t domainID, const am DomainState e
domainState) = 0;
       am_timeSync_t delay) =0;
```

```
virtual void sendChangedData(const std::vector<am EarlyData s>& earlyData) =0;
       virtual am Error e getDBusConnectionWrapper(CAmDbusWrapper*& dbusConnectionWrapper) const
=0:
       virtual am Error e qetSocketHandler(CAmSocketHandler*& socketHandler) const =0;
       virtual void confirmRoutingReady(const uint16 t handle, const am Error e error) =0;
       virtual void confirmRoutingRundown(const uint16_t handle, const am_Error_e error) =0;
       virtual am Error e updateGateway(const am gatewayID t gatewayID, const
std::vector<am CustomConnectionFormat t>& listSourceFormats, const
std::vector<am CustomConnectionFormat t>& listSinkFormats, const std::vector<bool>&
convertionMatrix) =0;
       virtual am Error e updateSink(const am sinkID t sinkID, const am sinkClass t sinkClassID,
const std::vector<am_SoundProperty_s>& listSoundProperties, const
std::vector<am_CustomConnectionFormat_t>& listConnectionFormats, const
std::vector<am_MainSoundProperty_s>& listMainSoundProperties) =0;
       virtual am Error e updateSource(const am sourceID t sourceID, const am sourceClass t
sourceClassID, const std::vector<am_SoundProperty_s>& listSoundProperties, const
\verb|std::vector<| am_CustomConnectionFormat_t>& listConnectionFormats|, const| \\
std::vector<am_MainSoundProperty_s>& listMainSoundProperties) =0;
       virtual void ackSetVolumes(const am Handle s handle, const std::vector<am Volumes s>&
listvolumes, const am_Error_e error) =0;
        virtual void ackSinkNotificationConfiguration(const am Handle s handle, const am Error e
error) =0;
       virtual void ackSourceNotificationConfiguration(const am Handle s handle, const
am Error e error) =0;
       virtual void hookSinkNotificationDataChange(const am sinkID t sinkID, const
am NotificationPayload s& payload) =0;
       virtual void hookSourceNotificationDataChange(const am_sourceID_t sourceID, const
am NotificationPayload s& payload) =0;
};
#endif // !defined(EA 6ECD9991 3219 4bf4 B9F7 DDE15D8683C6 INCLUDED )
8.2 IAmRoutingSend
/**
 * Copyright (C) 2012 - 2014, BMW AG
 * This file is part of GENIVI Project AudioManager.
 * Contributions are licensed to the GENIVI Alliance under one or more
 * Contribution License Agreements.
 * \copyright
 * This Source Code Form is subject to the terms of the
```

```
* Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with
 * this file, You can obtain one at http://mozilla.org/MPL/2.0/.
 * \author Christian Linke, christian.linke@bmw.de BMW 2011 - 2014
 * \file
 * For further information see http://projects.genivi.org/audio-manager
 * THIS CODE HAS BEEN GENERATED BY ENTERPRISE ARCHITECT GENIVI MODEL.
 * PLEASE CHANGE ONLY IN ENTERPRISE ARCHITECT AND GENERATE AGAIN.
 * /
#if !defined(EA 3AD07676 42DA 4ba9 A6E8 DA06F23BC8EB INCLUDED)
#define EA 3AD07676 42DA 4ba9 A6E8 DA06F23BC8EB INCLUDED
#include <vector>
#include <string>
#include "audiomanagertypes.h"
namespace am {
class IAmRoutingReceive;
}
#include "audiomanagertypes.h"
#include "IAmRoutingReceive.h"
#define RoutingSendVersion "2.0"
namespace am {
 * This class implements everything from Audiomanager -> RoutingAdapter
 ^{\star} There are two rules that have to be kept in mind when implementing against this
 * interface:\n
 * \warning
 * 1. CALLS TO THIS INTERFACE ARE NOT THREAD SAFE !!!! \n
```

```
* 2. YOU MAY NOT CALL THE CALLING INTERFACE DURING AN SYNCHRONOUS OR ASYNCHRONOUS
 * CALL THAT EXPECTS A RETURN VALUE.\n
 * \details
 * Violation these rules may lead to unexpected behavior! Nevertheless you can
 * implement thread safe by using the deferred-call pattern described on the wiki
 ^{\star} which also helps to implement calls that are forbidden.\n
 * For more information, please check CAmSerializer
class IAmRoutingSend
public:
       IAmRoutingSend() {
       }
       virtual ~IAmRoutingSend() {
       }
       virtual void getInterfaceVersion(std::string& version) const =0;
       virtual am Error e startupInterface(IAmRoutingReceive* routingreceiveinterface) =0;
       virtual void setRoutingReady(const uint16 t handle) =0;
       virtual void setRoutingRundown(const uint16 t handle) =0;
       virtual am Error e asyncAbort(const am Handle s handle) =0;
       virtual am Error e asyncConnect(const am Handle s handle, const am connectionID t
connectionID, const am sourceID t sourceID, const am_sinkID_t sinkID, const
am_CustomConnectionFormat_t connectionFormat) =0;
       virtual am Error e asyncDisconnect(const am Handle s handle, const am connectionID t
connectionID) =0;
       virtual am_Error_e asyncSetSinkVolume(const am_Handle_s handle, const am_sinkID_t sinkID,
const am volume t volume, const am CustomRampType t ramp, const am time t time) =0;
       virtual am Error e asyncSetSourceVolume(const am Handle s handle, const am sourceID t
sourceID, const am_volume_t volume, const am_CustomRampType_t ramp, const am_time_t time) =0;
       virtual am_Error_e asyncSetSourceState(const am_Handle_s handle, const am_sourceID_t
sourceID, const am SourceState e state) =0;
       virtual am_Error_e asyncSetSinkSoundProperties(const am_Handle_s handle, const
am_sinkID_t sinkID, const std::vector<am_SoundProperty_s>& listSoundProperties) =0;
       virtual am Error e asyncSetSinkSoundProperty(const am Handle s handle, const am sinkID t
sinkID, const am SoundProperty s& soundProperty) =0;
       virtual am_Error_e asyncSetSourceSoundProperties(const am_Handle_s handle, const
am sourceID t sourceID, const std::vector<am SoundProperty s>& listSoundProperties) =0;
       virtual am_Error_e asyncSetSourceSoundProperty(const am_Handle_s handle, const
am_sourceID_t sourceID, const am_SoundProperty_s& soundProperty) =0;
       virtual am_Error_e asyncCrossFade(const am_Handle_s handle, const am_crossfaderID_t
crossfaderID, const am HotSink e hotSink, const am CustomRampType t rampType, const am time t
       virtual am_Error_e setDomainState(const am_domainID_t domainID, const am_DomainState_e
domainState) = 0;
       virtual am Error e returnBusName(std::string& BusName) const =0;
```

```
virtual am_Error_e asyncSetVolumes(const am_Handle_s handle, const
std::vector<am_Volumes_s>& listVolumes) =0;
    virtual am_Error_e asyncSetSinkNotificationConfiguration(const am_Handle_s handle, const
am_sinkID_t sinkID, const am_NotificationConfiguration_s& notificationConfiguration) =0;
    virtual am_Error_e asyncSetSourceNotificationConfiguration(const am_Handle_s handle,
const am_sourceID_t sourceID, const am_NotificationConfiguration_s& notificationConfiguration)
=0;
};
}
#endif // !defined(EA_3AD07676_42DA_4ba9_A6E8_DA06F23BC8EB_INCLUDED_)
```