

## Diagramme de paquetage

Package in package 'Conception'

Diagramme de paquetage  
Version 1.0 Phase 1.0 Proposed  
francois created on 2018-09-04. Last modified 2018-09-04

## Diagramme de paquetage diagram

Package diagram in package 'Diagramme de paquetage'

Diagramme de paquetage  
Version 1.0  
francois created on 2018-09-04. Last modified 2019-02-26

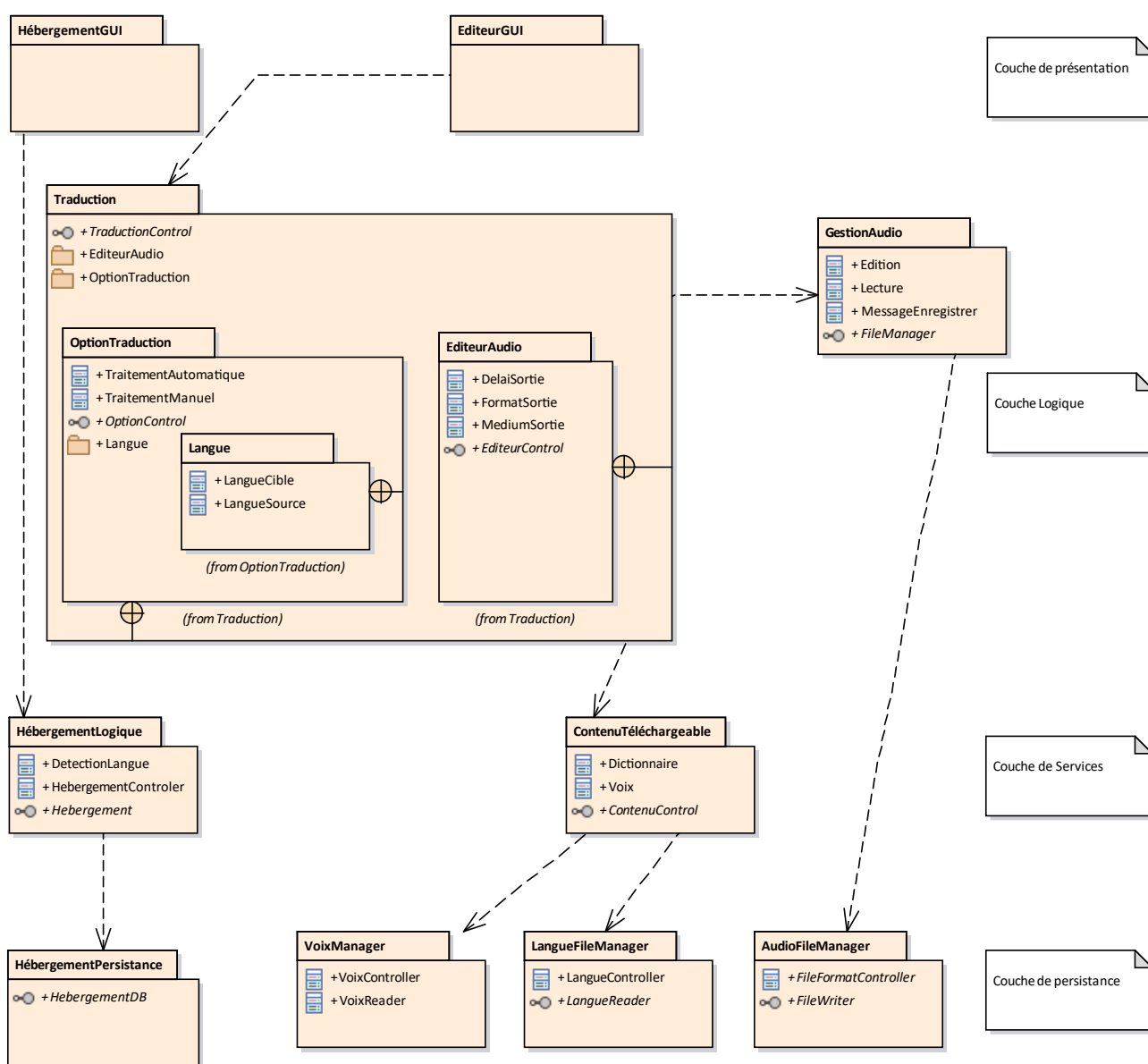


Figure 1: Diagramme de paquetage

## Note

Note in package 'Diagramme de paquetage'

## Couche de persistance

Note  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26  
Extends

## Note

*Note in package 'Diagramme de paquetage'*

## Couche de Services

Note  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26  
Extends

## Note

*Note in package 'Diagramme de paquetage'*

## Couche Logique

Note  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26  
Extends

## Note

*Note in package 'Diagramme de paquetage'*

## Couche de présentation

Note  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26  
Extends

## AudioFileManager

*Package in package 'Diagramme de paquetage'*

AudioFileManager  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## ContenuTéléchargeable

*Package in package 'Diagramme de paquetage'*

ContenuTéléchargeable  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## EditeurGUI

*Package in package 'Diagramme de paquetage'*

EditeurGUI  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## GestionAudio

*Package in package 'Diagramme de paquetage'*

GestionAudio  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## HébergementGUI

*Package in package 'Diagramme de paquetage'*

HébergementGUI  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## HébergementLogique

*Package in package 'Diagramme de paquetage'*

HébergementLogique  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## HébergementPersistance

*Package in package 'Diagramme de paquetage'*

HébergementPersistance  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## LangueFileManager

*Package in package 'Diagramme de paquetage'*

LangueFileManager  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## VoixManager





Package in package 'Diagramme de paquetage'

VoixManager  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## Traduction

Package in package 'Diagramme de paquetage'

Traduction  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2017-07-31

CONNECTORS
 <b>Nesting</b> Source -> Destination From: Traduction : Package, Public To: OptionTraduction : Package, Public
 <b>Nesting</b> Source -> Destination From: Traduction : Package, Public To: EditeurAudio : Package, Public
 <b>Nesting</b> Source -> Destination From: Langue : Package, Public To: Traduction : Package, Public
 <b>Nesting</b> Source -> Destination From: EditeurAudio : Package, Public To: Traduction : Package, Public

## EditeurAudio

Package in package 'Traduction'

EditeurAudio  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

CONNECTORS
 <b>Nesting</b> Source -> Destination From: EditeurAudio : Package, Public To: Traduction : Package, Public

## CONNECTORS

**Nesting** Source -> Destination

From: Traduction : Package, Public

To: EditeurAudio : Package, Public

## OptionTraduction

*Package in package 'Traduction'*

OptionTraduction

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## CONNECTORS

**Nesting** Source -> Destination

From: OptionTraduction : Package, Public

To: Langue : Package, Public

**Nesting** Source -> Destination

From: Langue : Package, Public

To: OptionTraduction : Package, Public

**Nesting** Source -> Destination

From: Traduction : Package, Public

To: OptionTraduction : Package, Public

**Nesting** Source -> Destination

From: Langue : Package, Public

To: OptionTraduction : Package, Public

**Nesting** Source -> Destination

From: Langue : Package, Public

To: OptionTraduction : Package, Public

## Langue

*Package in package 'OptionTraduction'*

Langue

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## CONNECTORS

**Nesting** Source -> Destination

From: Langue : Package, Public

To: Traduction : Package, Public

**CONNECTORS****Nesting**

Source -&gt; Destination

From: Langue : Package, Public

To: OptionTraduction : Package, Public

**Nesting**

Source -&gt; Destination

From: Langue : Package, Public

To: OptionTraduction : Package, Public

**Nesting**

Source -&gt; Destination

From: Langue : Package, Public

To: OptionTraduction : Package, Public

**Nesting**

Source -&gt; Destination

From: OptionTraduction : Package, Public

To: Langue : Package, Public

## AudioFileManager

*Package in package 'Diagramme de paquetage'*

AudioFileManager

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

**LINKS TO OTHER PACKAGES**

PackageImport from 'GestionAudio' Package to 'AudioFileManager' Package

Direction:

Source -&gt; Destination

## FileFormatController

*Class in package 'AudioFileManager'*

FileFormatController

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## FileWriter

*Interface in package 'AudioFileManager'*

FileWriter

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26



## ContenuTéléchargeable

Package in package 'Diagramme de paquetage'

ContenuTéléchargeable  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

LINKS TO OTHER PACKAGES	
 PackageImport from 'ContenuTéléchargeable' Package to 'VoixManager' Package	Direction: Source -> Destination
 PackageImport from 'ContenuTéléchargeable' Package to 'LangueFileManager' Package	Direction: Source -> Destination
 PackageImport from 'Traduction' Package to 'ContenuTéléchargeable' Package	Direction: Source -> Destination

## Dictionnaire

Class in package 'ContenuTéléchargeable'

Dictionnaire  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## Voix

Class in package 'ContenuTéléchargeable'

Voix  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## ContenuControl

Interface in package 'ContenuTéléchargeable'


ContenuControl  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26



## EditeurGUI

*Package in package 'Diagramme de paquetage'*

EditeurGUI  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

LINKS TO OTHER PACKAGES	
 PackageImport from 'EditeurGUI' Package to 'Traduction' Package	Direction: Source -> Destination



## GestionAudio

Package in package 'Diagramme de paquetage'

GestionAudio

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

LINKS TO OTHER PACKAGES	
 PackageImport from 'GestionAudio' Package to 'AudioFileManager' Package	Direction: Source -> Destination
 PackageImport from 'Traduction' Package to 'GestionAudio' Package	Direction: Source -> Destination

## Edition

Class in package 'GestionAudio'

Edition

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## Lecture

Class in package 'GestionAudio'

Lecture

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## MessageEnregistrer

Class in package 'GestionAudio'

MessageEnregistrer

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## FileManager

Interface in package 'GestionAudio'

FileManager


Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## HébergementGUI

*Package in package 'Diagramme de paquetage'*



HébergementGUI  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

LINKS TO OTHER PACKAGES	
 PackageImport from 'HébergementGUI' Package to 'HébergementLogique' Package	Direction: Source -> Destination

## HébergementLogique

Package in package 'Diagramme de paquetage'

HébergementLogique  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

LINKS TO OTHER PACKAGES	
 PackageImport from 'HébergementLogique' Package to 'HébergementPersistance' Package	Direction: Source -> Destination
 PackageImport from 'HébergementGUI' Package to 'HébergementLogique' Package	Direction: Source -> Destination

## DetectionLangue

Class in package 'HébergementLogique'

DetectionLangue  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## HebergementControler

Class in package 'HébergementLogique'

HebergementControler  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## Hebergement

Interface in package 'HébergementLogique'

Hebergement  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## HébergementPersistence

*Package in package 'Diagramme de paquetage'*

HébergementPersistence  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

### LINKS TO OTHER PACKAGES



PackageImport from 'HébergementLogique' Package to  
'HébergementPersistence' Package

Direction: Source -> Destination

## HebergementDB

*Interface in package 'HébergementPersistence'*

HebergementDB  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## LangueFileManager

*Package in package 'Diagramme de paquetage'*

LangueFileManager  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

### LINKS TO OTHER PACKAGES



PackageImport from 'ContenuTéléchargeable' Package to  
'LangueFileManager' Package

Direction: Source -> Destination

## LangueController

*Class in package 'LangueFileManager'*

LangueController  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## LangueReader

*Interface in package 'LangueFileManager'*

LangueReader  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## ServeurLogique

*Package in package 'Diagramme de paquetage'*

ServeurLogique  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## VoixManager

Package in package 'Diagramme de paquetage'

VoixManager  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

### LINKS TO OTHER PACKAGES



PackageImport from 'ContenuTéléchargeable' Package to  
'VoixManager' Package

Direction: Source -> Destination

## VoixController

Class in package 'VoixManager'

VoixController  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## VoixReader

Class in package 'VoixManager'

VoixReader  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26



## Traduction

Package in package 'Diagramme de paquetage'

Traduction  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2017-07-31

LINKS TO OTHER PACKAGES	
 Nesting from 'Traduction' Package to 'OptionTraduction' Package	Direction: Source -> Destination
 Nesting from 'Traduction' Package to 'EditeurAudio' Package	Direction: Source -> Destination
 PackageImport from 'Traduction' Package to 'GestionAudio' Package	Direction: Source -> Destination
 PackageImport from 'Traduction' Package to 'ContenuTéléchargeable' Package	Direction: Source -> Destination
 Nesting from 'Langue' Package to 'Traduction' Package	Direction: Source -> Destination
 PackageImport from 'EditeurGUI' Package to 'Traduction' Package	Direction: Source -> Destination
 Nesting from 'EditeurAudio' Package to 'Traduction' Package	Direction: Source -> Destination

## Package Contents diagram

Package diagram in package 'Traduction'

Package Contents  
Version 1.0  
paclab created on 2019-02-26. Last modified 2019-02-26

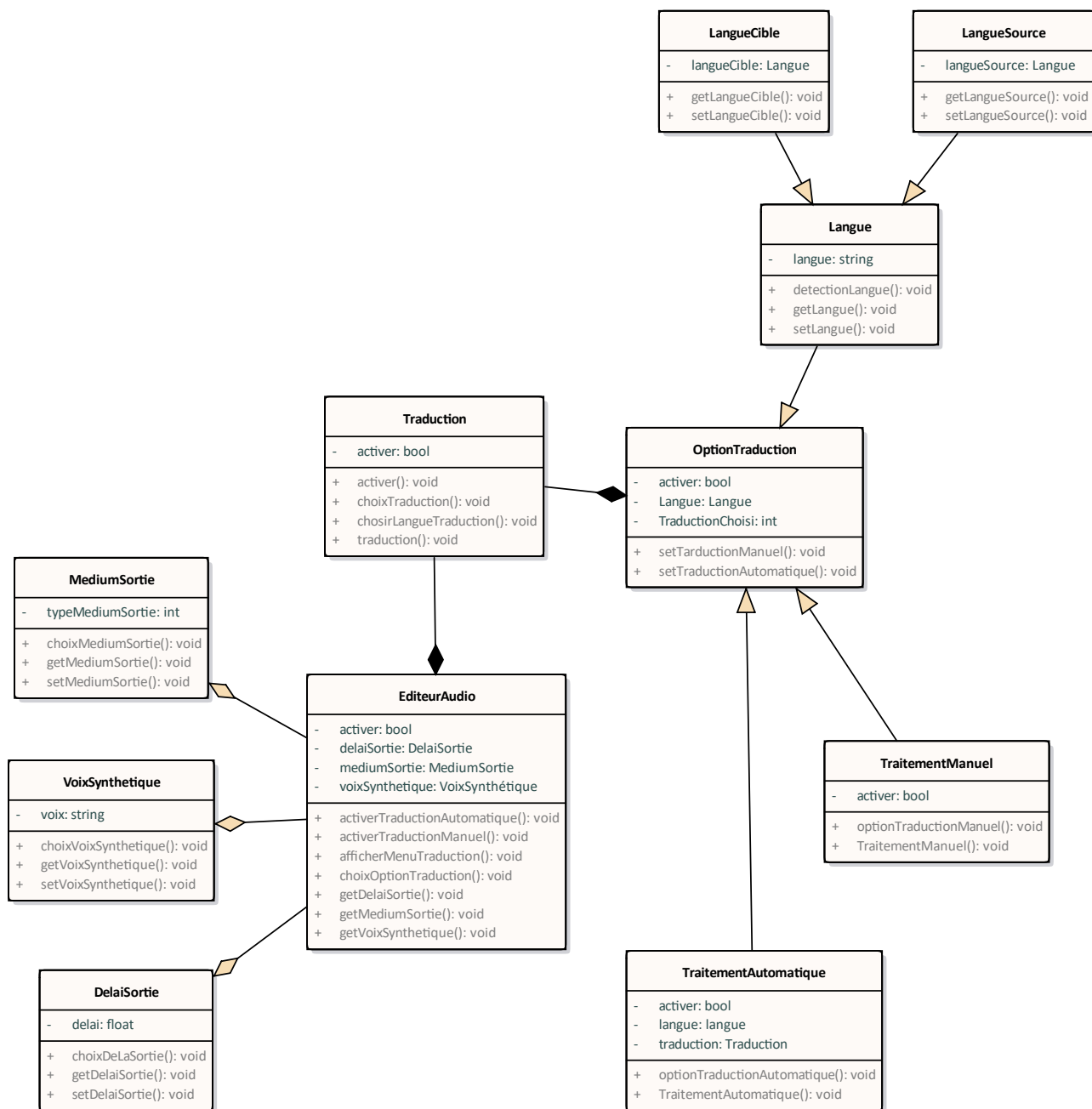


Figure 2: Package Contents

## DelaiSortie

*Class in package 'Diagramme de classes'*





**Responsabilité:** Cette classe a comme responsabilité de déterminer le temps entre l'entrée du flux audio et la sortie de la version traduite.

DelaiSortie  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-18

### INCOMING STRUCTURAL RELATIONSHIPS

⇒ Aggregation from EditeurAudio to DelaiSortie

[ Direction is 'Source -> Destination'. ]

ATTRIBUTES	
 <code>delai : float Private</code>	[ Is static True. Containment is Not Specified. ]
OPERATIONS	
 <code>choixDeLaSortie () : void Public</code>	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 <code>getDelaiSortie () : void Public</code>	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 <code>setDelaiSortie () : void Public</code>	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## EditeurAudio



*Class in package 'Diagramme de classes'*








Responsabilité: Cette classe permet de choisir différentes options d'édition de l'audio qui vont s'appliquer sur le flux audio que l'on veut traduire.

Cette classe agit aussi en interface en permettant d'afficher à l'utilisateur un menu de traduction.

EditeurAudio  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-26

OUTGOING STRUCTURAL RELATIONSHIPS	
 Aggregation from EditeurAudio to DelaiSortie	[ Direction is 'Source -> Destination'. ]
 Aggregation from EditeurAudio to VoixSynthetique	[ Direction is 'Source -> Destination'. ]
 Aggregation from EditeurAudio to MediumSortie	[ Direction is 'Source -> Destination'. ]
INCOMING STRUCTURAL RELATIONSHIPS	
 Aggregation from Traduction to EditeurAudio	[ Direction is 'Source -> Destination'. ]
ATTRIBUTES	
 <code>activer : bool Private</code>	[ Is static True. Containment is Not Specified. ]

ATTRIBUTES	
 delaiSortie : DelaiSortie Private	[ Is static True. Containment is Not Specified. ]
 mediumSortie : MediumSortie Private	[ Is static True. Containment is Not Specified. ]
 voixSynthetique : VoixSynthétique Private	[ Is static True. Containment is Not Specified. ]

OPERATIONS	
 activerTraductionAutomatique () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 activerTraductionManuel () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 afficherMenuTraduction () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 choixOptionTraduction () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 getDelaiSortie () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 getMediumSortie () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 getVoixSynthetique () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## Langue

*Class in package 'Diagramme de classes'*

Responsabilité: Permet de déterminer la langueCible et langueSource. Cette classe est polymorphique et est hérité par LangueCible et LangueSource.

Langue  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-18

OUTGOING STRUCTURAL RELATIONSHIPS
-----------------------------------

**OUTGOING STRUCTURAL RELATIONSHIPS**

← Generalization from `Langue` to `OptionTraduction`

[ Direction is 'Source -> Destination'. ]

**INCOMING STRUCTURAL RELATIONSHIPS**

⇒ Generalization from `LangueSource` to `Langue`

[ Direction is 'Source -> Destination'. ]

⇒ Generalization from `LangueCible` to `Langue`

[ Direction is 'Source -> Destination'. ]

**ATTRIBUTES**

◆ `langue` : string Private

[ Is static True. Containment is Not Specified. ]

**ASSOCIATIONS**

✎ Association (direction: Bi-Directional)

Source: Public (Class) `FluxAudio`  
Cardinality: [0..\*]

Target: Public (Class) `Langue`  
Cardinality: [1..\*]

**OPERATIONS**

◆ `detectionLangue ()` : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

◆ `getLangue ()` : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

◆ `setLangue ()` : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## LangueCible

*Class in package 'Diagramme de classes'*

Responsabilité: Détermine la langue cible, c-a-d de traduction.

LangueCible  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-18

**OUTGOING STRUCTURAL RELATIONSHIPS**

**OUTGOING STRUCTURAL RELATIONSHIPS**

← Generalization from `LangueCible` to `Langue`

[ Direction is 'Source -> Destination'. ]

**ATTRIBUTES**

◆ `langueCible` : `Langue` Private

[ Is static True. Containment is Not Specified. ]

**OPERATIONS**

◆ `getLangueCible ()` : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

◆ `setLangueCible ()` : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## LangueSource

*Class in package 'Diagramme de classes'*

Responsabilité: Détermine la langue Source

LangueSource  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-18

**OUTGOING STRUCTURAL RELATIONSHIPS**

← Generalization from `LangueSource` to `Langue`

[ Direction is 'Source -> Destination'. ]

**ATTRIBUTES**

◆ `langueSource` : `Langue` Private

[ Is static True. Containment is Not Specified. ]

**OPERATIONS**

◆ `getLangueSource ()` : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

◆ `setLangueSource ()` : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## MediumSortie

*Class in package 'Diagramme de classes'*

Responsabilité: Cette classe détermine quel medium de sortie sera choisi pour la diffusion du flux audio traduit.

MediumSortie  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-18

INCOMING STRUCTURAL RELATIONSHIPS	
⇒ Aggregation from EditeurAudio to MediumSortie	[ Direction is 'Source -> Destination'. ]
ATTRIBUTES	
💎 typeMediumSortie : int Private	[ Is static True. Containment is Not Specified. ]
OPERATIONS	
💎 choixMediumSortie () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
💎 getMediumSortie () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
💎 setMediumSortie () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## OptionTraduction

*Class in package 'Diagramme de classes'*

Cette classe permet de choisir les options de traduction sur le flux. Elle agit aussi en tant qu'interface avec l'utilisateur.

OptionTraduction  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

INCOMING STRUCTURAL RELATIONSHIPS	
⇒ Generalization from TraitementAutomatique to OptionTraduction	[ Direction is 'Source -> Destination'. ]
⇒ Aggregation from Traduction to OptionTraduction	[ Direction is 'Source -> Destination'. ]

INCOMING STRUCTURAL RELATIONSHIPS	
⇒ Generalization from TraitementManuel to OptionTraduction	[ Direction is 'Source -> Destination'. ]
⇒ Generalization from Langue to OptionTraduction	[ Direction is 'Source -> Destination'. ]
ATTRIBUTES	
◆ activer : bool Private	[ Is static True. Containment is Not Specified. ]
◆ Langue : Langue Private	[ Is static True. Containment is Not Specified. ]
◆ TraductionChoisi : int Private	[ Is static True. Containment is Not Specified. ]
OPERATIONS	
◆ setTraductionManuel () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
◆ setTraductionAutomatique () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## Traduction


*Class in package 'Diagramme de classes'*

Responsabilité: Gérer les éléments nécessaires à la traduction soit le flux audio, le type de traduction, la langue et les options de traduction. La classe Traduction a un couplage élevé pour gérer plusieurs types de traduction et langue en plus d'offrir une interface classe OptionTraduction qui permet de sélectionner des options de traduction.

Traduction  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-18


OUTGOING STRUCTURAL RELATIONSHIPS	
⇐ Aggregation from Traduction to OptionTraduction	[ Direction is 'Source -> Destination'. ]
⇐ Aggregation from Traduction to EditeurAudio	[ Direction is 'Source -> Destination'. ]
ATTRIBUTES	




**ATTRIBUTES**
 **activer : bool Private**

[ Is static True. Containment is Not Specified. ]


**ASSOCIATIONS**
 **Association (direction: Source -> Destination)**
**Source: Public (Class) FluxAudio**  
 Cardinality: [0..\*]

**Target: Public (Class) Traduction**  
 Cardinality: [1..\*]
**OPERATIONS**
 **activer () : void Public**


[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 **choixTraduction () : void Public**

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 **chosirLangueTraduction () : void Public**

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 **traduction () : void Public**

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## TraitementAutomatique


*Class in package 'Diagramme de classes'*

Responsabilité: TraductionAutomatique fait la traduction direct d'un flux audio lorsque spécifier.


TraitementAutomatique  
 Version 1.0 Phase 1.0 Proposed  
 paclab created on 2019-02-12. Last modified 2019-02-26

**OUTGOING STRUCTURAL RELATIONSHIPS**
 **Generalization from TraitementAutomatique to OptionTraduction**




[ Direction is 'Source -&gt; Destination'. ]

**ATTRIBUTES**
 **activer : bool Private**

[ Is static True. Containment is Not Specified. ]

 **langue : langue Private**

[ Is static True. Containment is Not Specified. ]

ATTRIBUTES	
 traduction : Traduction Private	[ Is static True. Containment is Not Specified. ]
OPERATIONS	
 optionTraductionAutomatique () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 TraitementAutomatique () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## TraitementManuel

*Class in package 'Diagramme de classes'*

Responsabilité: TraductionManuel fait la traduction du flux audio seulement lorsque l'utilisateur en fait l'activation.

TraitementManuel  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-12. Last modified 2019-02-26

OUTGOING STRUCTURAL RELATIONSHIPS	
 Generalization from TraitementManuel to OptionTraduction	[ Direction is 'Source -> Destination'. ]
ATTRIBUTES	
 activer : bool Private	[ Is static True. Containment is Not Specified. ]
OPERATIONS	
 optionTraductionManuel () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 TraitementManuel () : void Public	[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## VoixSynthetique

*Class in package 'Diagramme de classes'*

Responsabilité: Cette classe fait la gestion des voix synthétiques qui s'appliqueront au flux audio sortie traduit.

VoixSynthetique  
Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-12. Last modified 2019-02-18

**INCOMING STRUCTURAL RELATIONSHIPS**

⇒ Aggregation from EditeurAudio to VoixSynthetique

[ Direction is 'Source -&gt; Destination'. ]

**ATTRIBUTES**

♦ voix : string Private

[ Is static True. Containment is Not Specified. ]

**OPERATIONS**

♦ choixVoixSynthetique () : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

♦ getVoixSynthetique () : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

♦ setVoixSynthetique () : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

**EditeurAudio***Package in package 'Traduction'*

EditeurAudio

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

**LINKS TO OTHER PACKAGES**

↔ Nesting from 'EditeurAudio' Package to 'Traduction' Package

Direction: Source -&gt; Destination

↔ Nesting from 'Traduction' Package to 'EditeurAudio' Package

Direction: Source -&gt; Destination

**DelaiSortie***Class in package 'EditeurAudio'*

DelaiSortie

Version 1.0 Phase 1.0 Proposed

paclab created on 2019-02-26. Last modified 2019-02-26

## **FormatSortie**

*Class in package 'EditeurAudio'*

FormatSortie  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## **MediumSortie**

*Class in package 'EditeurAudio'*

MediumSortie  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## **EditeurControl**






*Interface in package 'EditeurAudio'*

EditeurControl  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## OptionTraduction

Package in package 'Traduction'




OptionTraduction  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

LINKS TO OTHER PACKAGES	
 Nesting from 'OptionTraduction' Package to 'Langue' Package	Direction: Source -> Destination
 Nesting from 'Langue' Package to 'OptionTraduction' Package	Direction: Source -> Destination
 Nesting from 'Traduction' Package to 'OptionTraduction' Package	Direction: Source -> Destination
 Nesting from 'Langue' Package to 'OptionTraduction' Package	Direction: Source -> Destination
 Nesting from 'Langue' Package to 'OptionTraduction' Package	Direction: Source -> Destination

## Langue

Package in package 'OptionTraduction'

Langue  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

LINKS TO OTHER PACKAGES	
 Nesting from 'Langue' Package to 'Traduction' Package	Direction: Source -> Destination
 Nesting from 'Langue' Package to 'OptionTraduction' Package	Direction: Source -> Destination
 Nesting from 'Langue' Package to 'OptionTraduction' Package	Direction: Source -> Destination
 Nesting from 'Langue' Package to 'OptionTraduction' Package	Direction: Source -> Destination
 Nesting from 'OptionTraduction' Package to 'Langue' Package	Direction: Source -> Destination

## LangueCible

Class in package 'Langue'

LangueCible  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## LangueSource

*Class in package 'Langue'*

LangueSource  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## TraitementAutomatique

*Class in package 'OptionTraduction'*

TraitementAutomatique  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## TraitementManuel

*Class in package 'OptionTraduction'*

TraitementManuel  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## OptionControl

*Interface in package 'OptionTraduction'*

OptionControl  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26

## TraductionControl

*Interface in package 'Traduction'*

TraductionControl  
Version 1.0 Phase 1.0 Proposed  
paclab created on 2019-02-26. Last modified 2019-02-26