RT-Voice

Hearing is understanding

API

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Chapter 4

Namespace Documentation

4.1 Crosstales Namespace Reference

Namespaces

Classes

- class ExtensionMethods

  Various extension methods.

4.2 Crosstales.Common Namespace Reference

Namespaces

4.3 Crosstales.Common.EditorTask Namespace Reference

Classes

- class BaseCompileDefines

  Base for adding the given define symbols to PlayerSettings define symbols.
- class BaseSetupResources

  Base for copying all resources to 'Editor Default Resources'.
- class NYCheck

  Checks if a 'Happy new year'-message must be displayed.
- class OCCheck

  Checks if 'Online Check' is installed.

4.4 Crosstales.Common.EditorUtil Namespace Reference

Classes

- class BaseGAApi

  Base GA-wrapper API.

4.5 Crosstales.Common.Model Namespace Reference

Namespaces

4.6 Crosstales.Common.Model.Enum Namespace Reference

Enumerations

- enum Platform {
  Windows, **OSX**, **Linux**, **IOS**,
  Android, **WSA**, **Web**, **Unsupported**,
  MaryTTS }

  All available platforms.

4.6.1 Enumeration Type Documentation

4.6.1.1 enum Crosstales.Common.Model.Enum.Platform [strong]

All available platforms.

4.7 Crosstales.Common.Util Namespace Reference

Classes

- class BackgroundController

  Enables or disable game objects on Android or iOS in the background.
- class BaseConstants

  Base for collected constants of very general utility for the asset.
- class BaseHelper

  Base for various helper functions.
- class CTPlayerPrefs

  Wrapper for the PlayerPrefs.
- class CTWebClient

  Specialized WebClient.
- class PlatformController

  Enables or disable game objects for a given platform.
- class RandomColor

  Random color changer.
- class RandomRotator

  Random rotation changer.
- class RandomScaler

  Random scale changer.
- class SerializeDeSerialize

  Serialize and deserialize objects to/from binary files.

4.8 Crosstales.DJ Namespace Reference

Namespaces

4.9 Crosstales.DJ.Demo Namespace Reference

Namespaces

4.10 Crosstales.DJ.Demo.Util Namespace Reference

Classes

- class FFTAnalyzer

  FFT analyzer for an audio channel.
- class SpectrumVisualizer

  Simple spectrum visualizer.

4.11 Crosstales.RTVoice Namespace Reference

Namespaces

Classes

- class LiveSpeaker

  Wrapper of the main component from RTVoice for MonoBehaviour-access (like "SendMessage").
- class Speaker

  Main component of RTVoice.

Functions

- delegate void **VoicesReady** ()
- delegate void **SpeakStart** (Model.Wrapper wrapper)
- delegate void **SpeakComplete** (Model.Wrapper wrapper)
- delegate void **SpeakCurrentWord** (Model.Wrapper wrapper, string[ ] speechTextArray, int wordIndex)
- delegate void **SpeakCurrentPhoneme** (Model.Wrapper wrapper, string phoneme)
- delegate void **SpeakCurrentViseme** (Model.Wrapper wrapper, string viseme)
- delegate void **SpeakAudioGenerationStart** (Model.Wrapper wrapper)
- delegate void **SpeakAudioGenerationComplete** (Model.Wrapper wrapper)
- delegate void **ErrorInfo** (Model.Wrapper wrapper, string info)
- delegate void **ProviderChange** (string provider)

4.12 Crosstales.RTVoice.Demo Namespace Reference

Namespaces

Classes

- class Dialog

  Simple dialog system with TTS voices.
- class GUIAudioFilter

  Simple GUI for audio filters.
- class GUIDialog

  Simple GUI for runtime dialogs with all available OS voices.
- class GUIMain

  Main GUI component for all demo scenes.
- class GUIMultiAudioFilter

  Simple GUI for audio filters on multiple objects.
- class GUIScenes

  Main GUI scene manager for all demo scenes.
- class GUISpeech

  Simple GUI for runtime TTS with all available OS voices.
- class NativeAudio

  Simple example with native audio for exact timing.
- class PreGeneratedAudio

  Simple example with pre-generated audio for exact timing.
- class SendMessage

  Simple "SendMessage" example.
- class SequenceCaller

  Simple Sequence caller example.
- class Simple

  Simple TTS example.
- class SimpleNative

  Simple native TTS example.
- class SpeakWrapper

  Wrapper for the dynamic speakers.

4.13 Crosstales.RTVoice.Demo.Util Namespace Reference

Classes

- class iOSController

  Enables MaryTTS on iOS for specific scenes.
- class MaterialChanger

  Changes the material of a renderer while an AudioSource is playing.
- class NativeController

  Enables or disable game objects for native mode.
- class PlatformController

  Enables or disable game objects for a given platform.

4.14 Crosstales.RTVoice.EditorExtension Namespace Reference

Classes

- class AudioFileGeneratorEditor

  Custom editor for the 'SpeechText'-class.
- class ChangeGenderEditor

  Custom editor for the 'ChangeGender'-class.
- class LoudspeakerEditor

  Custom editor for the 'Loudspeaker'-class.
- class SequencerEditor

  Custom editor for the 'Sequencer'-class.
- class SpeakerEditor

  Custom editor for the 'Speaker'-class.
- class SpeechTextEditor

  Custom editor for the 'SpeechText'-class.
- class TextFileSpeakerEditor

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- class VoiceInitalizerEditor

  Custom editor for the 'VoiceInitalizer'-class.

4.15 Crosstales.RTVoice.EditorIntegration Namespace Reference

Classes

- class ConfigBase

  Base class for editor windows.
- class ConfigPreferences

  Unity "Preferences" extension.
- class ConfigWindow

  Editor window extension.
- class RTVoiceGameObject

  Editor component for the "Hierarchy"-menu.
- class RTVoiceMenu

  Editor component for the "Tools"-menu.

4.16 Crosstales.RTVoice.EditorTask Namespace Reference

Classes

- class AutoInitalize

  Automatically adds the neccessary RTVoice-prefabs to the current scene.
- class CompileDefines

  Adds the given define symbols to PlayerSettings define symbols.
- class ConfigLoader

  Loads the configuration at startup.
- class Launch

Show the configuration window on the first launch.

- class ReminderCheck

  Reminds the customer to create an UAS review.
- class SetApiLevel

  Sets the required API levels.
- class SetupResources

  Moves all needed resources to 'Editor Default Resources'.
- class Telemetry

  Gather some telemetry data for the asset.
- class UpdateCheck

  Checks for updates of the asset.

Enumerations

- enum UpdateStatus {
  NOT_CHECKED, **NO_UPDATE**, **UPDATE**, **UPDATE_PRO**,
  UPDATE_VERSION, **DEPRECATED** }

  All possible update stati.

4.16.1 Enumeration Type Documentation

4.16.1.1 enum Crosstales.RTVoice.EditorTask.UpdateStatus [strong]

All possible update stati.

4.17 Crosstales.RTVoice.EditorUtil Namespace Reference

Classes

- class EditorConfig

  Editor configuration for the asset.
- class EditorConstants

  Collected constants of very general utility for the asset.
- class EditorHelper

  Editor helper class.
- class GAApi

  GA-wrapper API.

4.18 Crosstales.RTVoice.Model Namespace Reference

Namespaces

Classes

- class Sequence

  Model for a sequence.
- class Voice

  Model for a voice.
- class VoiceAlias

  Alias for multiple voices on different platforms.
- class Wrapper

  Wrapper for "Speak"-function calls.

4.19 Crosstales.RTVoice.Model.Enum Namespace Reference

Enumerations

- enum ESpeakModifiers {
  none, **m1**, **m2**, **m3**,
  m4, **m5**, **m6**, **f1**,
  f2, **f3**, **f4**, **croak**,
  whisper }

  The modifiers for eSpeak voices (m1-m6 = male, f1-f4 = female).
- enum Gender { **MALE**, **FEMALE**, **UNKNOWN** }

  The genders for voices.
- enum MaryTTSType { **RAWMARYXML**, **EMOTIONML**, **SSML**, **TEXT** }

  The different MaryTTS input types.
- enum ProviderType {
  Windows, **macOS**, **Android**, **iOS**,
  WSA, **MaryTTS**, **Linux** }

  Available provider types.
- enum SpeakMode { **Speak**, **SpeakNative** }

  Available Speak-modes.

4.19.1 Enumeration Type Documentation

4.19.1.1 enum Crosstales.RTVoice.Model.Enum.ESpeakModifiers [strong]

The modifiers for eSpeak voices (m1-m6 = male, f1-f4 = female).

4.19.1.2 enum Crosstales.RTVoice.Model.Enum.Gender [strong]

The genders for voices.

4.19.1.3 enum Crosstales.RTVoice.Model.Enum.MaryTTSType [strong]

The different MaryTTS input types.

4.19.1.4 enum Crosstales.RTVoice.Model.Enum.ProviderType [strong]

Available provider types.

4.19.1.5 enum Crosstales.RTVoice.Model.Enum.SpeakMode [strong]

Available Speak-modes.

4.20 Crosstales.RTVoice.PlayMaker Namespace Reference

Classes

- class SilenceEditor

  Custom editor for the Silence-action.
- class SpeakEditor

  Custom editor for the Speak-action.
- class SpeakUIEditor

  Custom editor for the SpeakUI-action.

4.21 Crosstales.RTVoice.Provider Namespace Reference

Classes

- class BaseVoiceProvider

  Base class for voice providers.
- interface IVoiceProvider

  Interface for all voice providers.
- class VoiceProviderAndroid

  Android voice provider.
- class VoiceProviderIOS

  iOS voice provider.
- class VoiceProviderLinux

  Linux voice provider. Note: needs eSpeak to work: => http://espeak.sourceforge.net/
- class VoiceProviderMacOS

  MacOS voice provider.
- class VoiceProviderMary

  MaryTTS voice provider.
- class VoiceProviderWindows

  Windows voice provider.
- class VoiceProviderWSA

4.22 Crosstales.RTVoice.SALSA Namespace Reference

Classes

- class Bots

  This is class for conversations between two SALSA-Bots.
- class Speak
- class Speak2D
- class SpeakSimple

4.23 Crosstales.RTVoice.Tool Namespace Reference

Classes

- class AudioFileGenerator

  Process files with configured speeches.
- class ChangeGender

  Change the gender of all voices (useful for eSpeak).
- class Loudspeaker

  Loudspeaker for an AudioSource.
- class Sequencer

  Simple sequencer for dialogues.
- class SpeechText

  Allows to speak and store generated audio.
- class TextFileSpeaker

  Allows to speak text files.
- class VoiceInitalizer

  Allows to initalize voices (useful on Android).

4.24 Crosstales.RTVoice.UDEA2 Namespace Reference

Classes

- class UDEAConnector

  Connects UDEA and RT-Voice. Must be placed on a dialogue prefab.
- class UDEAConnectorEditor

  Custom editor for the 'UDEAConnector'-class.
- class UDEAVoiceWrapper

  Wrapper for an UDEA-character to an RT-Voice.

4.25 Crosstales.RTVoice.Util Namespace Reference

Classes

- class Config

  Configuration for the asset.
- class Constants

  Collected constants of very general utility for the asset.
- class Helper

  Various helper functions.

4.26 Crosstales.UI Namespace Reference

Namespaces

Classes

- class Social

  Crosstales social media links.
- class StaticManager

  Static Button Manager.
- class UIDrag

  Allow to Drag the Windows arround.
- class UIFocus

  Change the Focus on from a Window.
- class UIHint

  Controls a UI group (hint).
- class UIResize

  Resize a UI element.
- class UIWindowManager

  Change the state of all Window panels.
- class WindowManager

  Manager for a Window.

4.27 Crosstales.UI.Util Namespace Reference

Classes

- class AudioFilterController

  Controller for audio filters.
- class AudioSourceController

  Controller for AudioSources.
- class FPSDisplay

  Simple FPS-Counter.
- class ScrollRectHandler

  Changes the sensitivity of ScrollRects under various platforms.
- class TakeScreenshot

  Take a screen shot of the application.

4.28 HutongGames Namespace Reference

Namespaces

4.29 HutongGames.PlayMaker Namespace Reference

Namespaces

4.30 HutongGames.PlayMaker.Actions Namespace Reference

Classes

- class Silence

  Silence-action for PlayMaker.
- class Speak

  Speak-action for PlayMaker.
- class SpeakBase

  Base for Speak-actions in PlayMaker.
- class SpeakUI

  Speak-action for UI-components in PlayMaker.

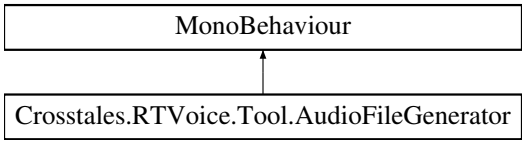
Chapter 5

Class Documentation

5.1 Crosstales.RTVoice.Tool.AudioFileGenerator Class Reference

Process files with configured speeches.

Inheritance diagram for Crosstales.RTVoice.Tool.AudioFileGenerator:



Public Member Functions

- void **OnEnable** ()
- void **OnDisable** ()
- void **OnValidate** ()
- void Generate ()

  Generate the audio files from the text files.
- IEnumerator **generate** ()

Public Attributes

- TextAsset[ ] TextFiles

  Text files to generate.
- bool FileInsideAssets = true

  Are the specified file paths inside the Assets-folder (current project)? If this option is enabled, it prefixes the path with 'Application.dataPath' (default: true).

5.1.1 Detailed Description

Process files with configured speeches.

5.1.2 Member Function Documentation

5.1.2.1 void Crosstales.RTVoice.Tool.AudioFileGenerator.Generate ( )

Generate the audio files from the text files.

5.1.3 Member Data Documentation

5.1.3.1 bool Crosstales.RTVoice.Tool.AudioFileGenerator.FileInsideAssets = true

Are the specified file paths inside the Assets-folder (current project)? If this option is enabled, it prefixes the path with 'Application.dataPath' (default: true).

5.1.3.2 TextAsset [ ] Crosstales.RTVoice.Tool.AudioFileGenerator.TextFiles

Text files to generate.

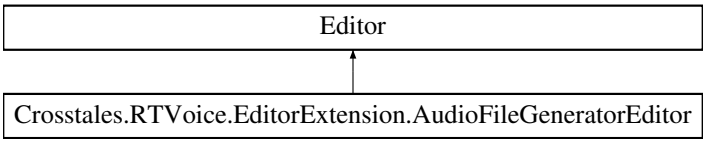
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Tool/AudioFileGenerator.cs

5.2 Crosstales.RTVoice.EditorExtension.AudioFileGeneratorEditor Class Reference

Custom editor for the 'SpeechText'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.AudioFileGeneratorEditor:



Public Member Functions

- void **OnEnable** ()
- override void **OnInspectorGUI** ()

5.2.1 Detailed Description

Custom editor for the 'SpeechText'-class.

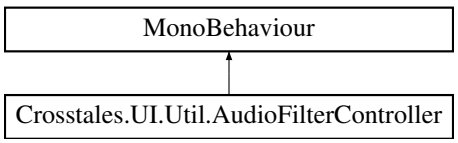
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Extension/AudioFileGeneratorEditor.cs

5.3 Crosstales.UI.Util.AudioFilterController Class Reference

Controller for audio filters.

Inheritance diagram for Crosstales.UI.Util.AudioFilterController:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **FindAllAudioFilters** ()
- void **ResetAudioFilters** ()
- void **ReverbFilterDropdownChanged** (System.Int32 index)
- void **ChorusFilterEnabled** (bool enabled)
- void **EchoFilterEnabled** (bool enabled)
- void **DistortionFilterEnabled** (bool enabled)
- void **DistortionFilterChanged** (float value)
- void **LowPassFilterEnabled** (bool enabled)
- void **LowPassFilterChanged** (float value)
- void **HighPassFilterEnabled** (bool enabled)
- void **HighPassFilterChanged** (float value)

Public Attributes

- bool FindAllAudioFiltersOnStart = true

  Searches for all audio filters in the whole scene (default: true).
- AudioReverbFilter[ ] **ReverbFilters**
- AudioChorusFilter[ ] **ChorusFilters**
- AudioEchoFilter[ ] **EchoFilters**
- AudioDistortionFilter[ ] **DistortionFilters**
- AudioLowPassFilter[ ] **LowPassFilters**
- AudioHighPassFilter[ ] **HighPassFilters**
- bool **ResetAudioFiltersOnStart** = true
- bool **ChorusFilter** = false
- bool **EchoFilter** = false
- bool **DistortionFilter** = false
- float **DistortionFilterValue** = 0.5f
- bool **LowpassFilter** = false
- float **LowpassFilterValue** = 5000f
- bool **HighpassFilter** = false
- float **HighpassFilterValue** = 5000f
- Dropdown **ReverbFilterDropdown**
- Text **DistortionText**
- Text **LowpassText**
- Text **HighpassText**

5.3.1 Detailed Description

Controller for audio filters.

5.3.2 Member Data Documentation

5.3.2.1 bool Crosstales.UI.Util.AudioFilterController.FindAllAudioFiltersOnStart = true

Searches for all audio filters in the whole scene (default: true).

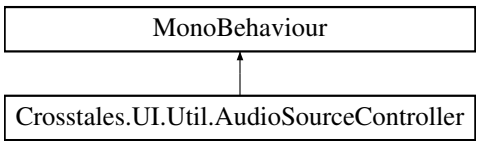
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/Util/AudioFilterController.cs

5.4 Crosstales.UI.Util.AudioSourceController Class Reference

Controller for AudioSources.

Inheritance diagram for Crosstales.UI.Util.AudioSourceController:



Public Member Functions

- void **Update** ()
- void **FindAllAudioSources** ()
- void **ResetAudioFilters** ()
- void **MuteEnabled** (bool enabled)
- void **LoopEnabled** (bool enabled)
- void **VolumeChanged** (float value)
- void **PitchChanged** (float value)
- void **StereoPanChanged** (float value)

Public Attributes

- bool FindAllAudioSourcesOnStart = true

  Searches for all AudioSource in the whole scene (default: true).
- AudioSource[ ] AudioSources

  Active controlled AudioSources.
- bool ResetAudioSourcesOnStart = true

  Resets all active AudioSources (default: true).
- bool Mute = false

  Mute on/off (default: false).
- bool Loop = false

  Loop on/off (default: false).
- float Volume = 1f

  Volume of the audio (default: 1)
- float Pitch = 1f

  Pitch of the audio (default: 1).
- float StereoPan = 0f

  Stereo pan of the audio (default: 0).
- Text **VolumeText**
- Text **PitchText**
- Text **StereoPanText**

5.4.1 Detailed Description

Controller for AudioSources.

5.4.2 Member Data Documentation

5.4.2.1 AudioSource [ ] Crosstales.UI.Util.AudioSourceController.AudioSources

Active controlled AudioSources.

5.4.2.2 bool Crosstales.UI.Util.AudioSourceController.FindAllAudioSourcesOnStart = true

Searches for all AudioSource in the whole scene (default: true).

5.4.2.3 bool Crosstales.UI.Util.AudioSourceController.Loop = false

Loop on/off (default: false).

5.4.2.4 bool Crosstales.UI.Util.AudioSourceController.Mute = false

Mute on/off (default: false).

5.4.2.5 float Crosstales.UI.Util.AudioSourceController.Pitch = 1f

Pitch of the audio (default: 1).

5.4.2.6 bool Crosstales.UI.Util.AudioSourceController.ResetAudioSourcesOnStart = true

Resets all active AudioSources (default: true).

5.4.2.7 float Crosstales.UI.Util.AudioSourceController.StereoPan = 0f

Stereo pan of the audio (default: 0).

5.4.2.8 float Crosstales.UI.Util.AudioSourceController.Volume = 1f

Volume of the audio (default: 1)

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/Util/AudioSourceController.cs

5.5 Crosstales.RTVoice.EditorTask.AutoInitalize Class Reference

Automatically adds the neccessary RTVoice-prefabs to the current scene.

5.5.1 Detailed Description

Automatically adds the neccessary RTVoice-prefabs to the current scene.

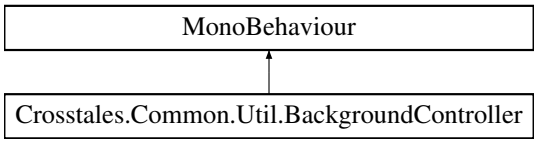
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Task/AutoInitalize.cs

5.6 Crosstales.Common.Util.BackgroundController Class Reference

Enables or disable game objects on Android or iOS in the background.

Inheritance diagram for Crosstales.Common.Util.BackgroundController:



Public Member Functions

- void **Start** ()

Public Attributes

- GameObject[ ] Objects

  Selected objects for the controller.

5.6.1 Detailed Description

Enables or disable game objects on Android or iOS in the background.

5.6.2 Member Data Documentation

5.6.2.1 GameObject [ ] Crosstales.Common.Util.BackgroundController.Objects

Selected objects for the controller.

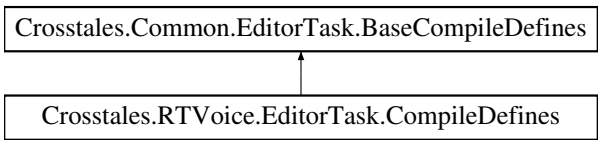
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/BackgroundController.cs

5.7 Crosstales.Common.EditorTask.BaseCompileDefines Class Reference

Base for adding the given define symbols to PlayerSettings define symbols.

Inheritance diagram for Crosstales.Common.EditorTask.BaseCompileDefines:



Static Protected Member Functions

- static void **setCompileDefines** (string[ ] symbols)

5.7.1 Detailed Description

Base for adding the given define symbols to PlayerSettings define symbols.

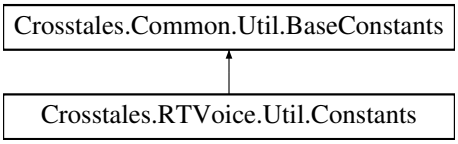
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Editor/Task/BaseCompileDefines.cs

5.8 Crosstales.Common.Util.BaseConstants Class Reference

Base for collected constants of very general utility for the asset.

Inheritance diagram for Crosstales.Common.Util.BaseConstants:



Public Attributes

- const string ASSET_AUTHOR = "crosstales LLC"

  Author of the asset.
- const string ASSET_AUTHOR_URL = "https://www.crosstales.com"

  URL of the asset author.
- const string ASSET_CT_URL = "https://goo.gl/qwtXyb"

  URL of the crosstales assets in UAS.
- const string ASSET_SOCIAL_FACEBOOK = "https://www.facebook.com/crosstales/"

  URL of the crosstales Facebook-profile.
- const string ASSET_SOCIAL_TWITTER = "https://twitter.com/crosstales"

  URL of the crosstales Twitter-profile.
- const string ASSET_SOCIAL_YOUTUBE = "https://www.youtube.com/c/Crosstales"

  URL of the crosstales Youtube-profile.
- const string ASSET_SOCIAL_LINKEDIN = "https://www.linkedin.com/company/crosstales"

  URL of the crosstales LinkedIn-profile.
- const string ASSET_SOCIAL_XING = "https://www.xing.com/companies/crosstales"

  URL of the crosstales XING-profile.
- const string ASSET_3P_PLAYMAKER = "https://www.assetstore.unity3d.com/#!/content/368?aid=1011lN↩GT"

  URL of the 3rd party asset "PlayMaker".
- const int FACTOR_KB = 1024

  Factor for kilo bytes.
- const int FACTOR_MB = FACTOR_KB * 1024

  Factor for mega bytes.
- const int FACTOR_GB = FACTOR_MB * 1024

  Factor for giga bytes.
- const float FLOAT_32768 = 32768f

  Float value of 32768.
- const string FORMAT_TWO_DECIMAL_PLACES = "0.00"

  ToString for two decimal places.
- const string FORMAT_NO_DECIMAL_PLACES = "0"

  ToString for no decimal places.
- const string FORMAT_PERCENT = "0%"

  ToString for percent.
- const bool **DEFAULT_DEBUG** = false
- const string PATH_DELIMITER_WINDOWS = @"\"

  Path delimiter for Windows.
- const string PATH_DELIMITER_UNIX = "/"

  Path delimiter for Unix.

Static Public Attributes

- static bool DEV_DEBUG = false

  Development debug logging for the asset.
- static string **TEXT_TOSTRING_END** = "}"
- static string **TEXT_TOSTRING_DELIMITER** = "', "
- static string **TEXT_TOSTRING_DELIMITER_END** = "'"
- static string **TEXT_TOSTRING_START** = " {"
- static string **PREFIX_HTTP** = "http://"
- static string **PREFIX_HTTPS** = "https://"

Properties

- static string **PREFIX_FILE** `[get]`

5.8.1 Detailed Description

Base for collected constants of very general utility for the asset.

5.8.2 Member Data Documentation

5.8.2.1 const string Crosstales.Common.Util.BaseConstants.ASSET_3P_PLAYMAKER = "https://www.assetstore.unity3d.com/#!/content/368?aid=1011lNGT"

URL of the 3rd party asset "PlayMaker".

5.8.2.2 const string Crosstales.Common.Util.BaseConstants.ASSET_AUTHOR = "crosstales LLC"

Author of the asset.

5.8.2.3 const string Crosstales.Common.Util.BaseConstants.ASSET_AUTHOR_URL = "https://www.crosstales.com"

URL of the asset author.

5.8.2.4 const string Crosstales.Common.Util.BaseConstants.ASSET_CT_URL = "https://goo.gl/qwtXyb"

URL of the crosstales assets in UAS.

5.8.2.5 const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_FACEBOOK = "https://www.facebook.com/crosstales/"

URL of the crosstales Facebook-profile.

5.8.2.6 const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_LINKEDIN = "https://www.linkedin.com/company/crosstales"

URL of the crosstales LinkedIn-profile.

5.8.2.7 const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_TWITTER = "https://twitter.com/crosstales"

URL of the crosstales Twitter-profile.

5.8.2.8 const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_XING = "https://www.xing.↩ com/companies/crosstales"

URL of the crosstales XING-profile.

5.8.2.9 const string Crosstales.Common.Util.BaseConstants.ASSET_SOCIAL_YOUTUBE = "https://www.youtube.com/c/Crosstales"

URL of the crosstales Youtube-profile.

5.8.2.10 bool Crosstales.Common.Util.BaseConstants.DEV_DEBUG = false [static]

Development debug logging for the asset.

5.8.2.11 const int Crosstales.Common.Util.BaseConstants.FACTOR_GB = FACTOR_MB * 1024

Factor for giga bytes.

5.8.2.12 const int Crosstales.Common.Util.BaseConstants.FACTOR_KB = 1024

Factor for kilo bytes.

5.8.2.13 const int Crosstales.Common.Util.BaseConstants.FACTOR_MB = FACTOR_KB * 1024

Factor for mega bytes.

5.8.2.14 const float Crosstales.Common.Util.BaseConstants.FLOAT_32768 = 32768f

Float value of 32768.

5.8.2.15 const string Crosstales.Common.Util.BaseConstants.FORMAT_NO_DECIMAL_PLACES = "0"

ToString for no decimal places.

5.8.2.16 const string Crosstales.Common.Util.BaseConstants.FORMAT_PERCENT = "0%"

ToString for percent.

5.8.2.17 const string Crosstales.Common.Util.BaseConstants.FORMAT_TWO_DECIMAL_PLACES = "0.00"

ToString for two decimal places.

5.8.2.18 const string Crosstales.Common.Util.BaseConstants.PATH_DELIMITER_UNIX = "/"

Path delimiter for Unix.

5.8.2.19 const string Crosstales.Common.Util.BaseConstants.PATH_DELIMITER_WINDOWS = @"\"

Path delimiter for Windows.

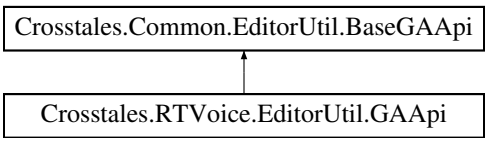
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/BaseConstants.cs

5.9 Crosstales.Common.EditorUtil.BaseGAApi Class Reference

Base GA-wrapper API.

Inheritance diagram for Crosstales.Common.EditorUtil.BaseGAApi:



Static Public Member Functions

- static void Event (string name, string version, string category, string action, string label="", int value=0)
  Tracks an event from the asset.

5.9.1 Detailed Description

Base GA-wrapper API.

5.9.2 Member Function Documentation

5.9.2.1 static void Crosstales.Common.EditorUtil.BaseGAApi.Event (string *name,* string *version,* string *category,* string *action,* string *label* = " ", int *value* = 0) [static]

Tracks an event from the asset.

Parameters

category	Specifies the event category.
action	Specifies the event action.
label	Specifies the event label.
value	Specifies the event value.

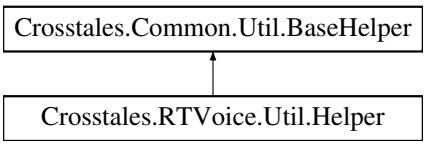
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Editor/Util/BaseGAApi.cs

5.10 Crosstales.Common.Util.BaseHelper Class Reference

Base for various helper functions.

Inheritance diagram for Crosstales.Common.Util.BaseHelper:



Static Public Member Functions

- static bool RemoteCertificateValidationCallback (System.Object sender, System.Security.Cryptography.↩ X509Certificates.X509Certificate certificate, System.Security.Cryptography.X509Certificates.X509Chain chain, System.Net.Security.SslPolicyErrors sslPolicyErrors)

  HTTPS-certification callback.
- static string ValidatePath (string path, bool addEndDelimiter=true)

  Validates a given path and add missing slash.
- static string ValidateFile (string path)

  Validates a given file.
- static string ValidURLFromFilePath (string path)

  Validates a given file.
- static string CleanUrl (string url, bool removeProtocol=true, bool removeWWW=true, bool removeSlash=true)

  Cleans a given URL.

Parameters

url	*URL to clean*
removeProtocol	*Remove the protocol, e.g.* `http://` *(default: true, optional).*
removeWWW	*Remove www (default: true, optional).*
removeSlash	*Remove slash at the end (default: true, optional)*

Returns

Clean URL

- static string ClearTags (string text)

  Cleans a given text from tags.
- static string ClearSpaces (string text)

  Cleans a given text from multiple spaces.
- static string ClearLineEndings (string text)

  Cleans a given text from line endings.
- static System.Collections.Generic.List< string > SplitStringToLines (string text, bool ignoreCommentedLines=true, int skipHeaderLines=0, int skipFooterLines=0)

  Split the given text to lines and return it as list.
- static string FormatBytesToHRF (long bytes)

  Format byte-value to Human-Readable-Form.
- static string FormatSecondsToHourMinSec (double seconds)

  Format seconds to Human-Readable-Form.
- static Color HSVToRGB (float h, float s, float v, float a=1f)

  Generate nice HSV colors. Based on https://gist.github.com/rje/6206099
- static bool isValidURL (string url)

  Checks if the URL is valid.

Properties

- static bool isInternetAvailable [get]

  Checks if an Internet connection is available.
- static bool isWindowsPlatform [get]

  Checks if the current platform is Windows.
- static bool isMacOSPlatform [get]

  Checks if the current platform is OSX.
- static bool isLinuxPlatform [get]

  Checks if the current platform is Linux.
- static bool isStandalonePlatform [get]

  Checks if the current platform is standalone (Windows, macOS or Linux).
- static bool isAndroidPlatform [get]

  Checks if the current platform is Android.
- static bool isIOSPlatform [get]

  Checks if the current platform is iOS.
- static bool isWSAPlatform [get]

  Checks if the current platform is WSA.
- static bool isWebGLPlatform [get]

  Checks if the current platform is WebGL.
- static bool isWebPlayerPlatform [get]

  Checks if the current platform is WebPlayer.
- static bool isWebPlatform [get]

  Checks if the current platform is Web (WebPlayer or WebGL).
- static bool isWindowsBasedPlatform [get]

  Checks if the current platform is Windows-based (Windows standalone or WSA).
- static bool isAppleBasedPlatform [get]

  Checks if the current platform is Apple-based (macOS standalone or iOS).
- static bool isEditor [get]

  Checks if we are inside the Editor.
- static bool isEditorMode [get]

  Checks if we are in Editor mode.
- static Model.Enum.Platform CurrentPlatform [get]

  Returns the current platform.

5.10.1 Detailed Description

Base for various helper functions.

5.10.2 Member Function Documentation

5.10.2.1 static string Crosstales.Common.Util.BaseHelper.ClearLineEndings (string *text*) [static]

Cleans a given text from line endings.

Parameters

text	Text to clean.

Returns

Clean text without line endings.

5.10.2.2 static string Crosstales.Common.Util.BaseHelper.ClearSpaces (string *text*) [static]

Cleans a given text from multiple spaces.

Parameters

text	Text to clean.

Returns

Clean text without multiple spaces.

5.10.2.3 static string Crosstales.Common.Util.BaseHelper.ClearTags (string *text*) [static]

Cleans a given text from tags.

Parameters

text	Text to clean.

Returns

Clean text without tags.

5.10.2.4 static string Crosstales.Common.Util.BaseHelper.FormatBytesToHRF (long *bytes*) [static]

Format byte-value to Human-Readable-Form.

Returns

Formatted byte-value in Human-Readable-Form.

5.10.2.5 static string Crosstales.Common.Util.BaseHelper.FormatSecondsToHourMinSec (double *seconds*) [static]

Format seconds to Human-Readable-Form.

Returns

Formatted seconds in Human-Readable-Form.

5.10.2.6 static Color Crosstales.Common.Util.BaseHelper.HSVToRGB (float *h*, float *s*, float *v*, float *a* = 1f) [static]

Generate nice HSV colors. Based on https://gist.github.com/rje/6206099

Parameters

h	Hue
s	Saturation
v	Value
a	Alpha (optional)

Returns

True if the current platform is supported.

5.10.2.7 static bool Crosstales.Common.Util.BaseHelper.isValidURL (string *url*) [static]

Checks if the URL is valid.

Parameters

url	URL to check

Returns

True if the URL is valid.

5.10.2.8 static bool Crosstales.Common.Util.BaseHelper.RemoteCertificateValidationCallback (System.Object *sender*, System.Security.Cryptography.X509Certificates.X509Certificate *certificate*, System.Security.↩ Cryptography.X509Certificates.X509Chain *chain*, System.Net.Security.SslPolicyErrors *sslPolicyErrors*) [static]

HTTPS-certification callback.

5.10.2.9 static System.Collections.Generic.List<string> Crosstales.Common.Util.BaseHelper.SplitStringToLines (string *text*, bool *ignoreCommentedLines* = true, int *skipHeaderLines* = 0, int *skipFooterLines* = 0) [static]

Split the given text to lines and return it as list.

Parameters

text	Complete text fragment
ignoreCommentedLines	Ignore commente lines (default: true, optional)
skipHeaderLines	Number of skipped header lines (default: 0, optional)
skipFooterLines	Number of skipped footer lines (default: 0, optional)

Returns

Splitted lines as array

5.10.2.10 static string Crosstales.Common.Util.BaseHelper.ValidateFile (string *path*) [static]

Validates a given file.

Parameters

path	File to validate

Returns

Valid file path

5.10.2.11 static string Crosstales.Common.Util.BaseHelper.ValidatePath (string *path*, bool *addEndDelimiter* = true) [static]

Validates a given path and add missing slash.

Parameters

path	Path to validate
addEndDelimiter	Add delimiter at the end of the path (optional, default: true)

Returns

Valid path

5.10.2.12 static string Crosstales.Common.Util.BaseHelper.ValidURLFromFilePath (string *path*) [static]

Validates a given file.

Parameters

path	File to validate

Returns

Valid file path

5.10.3 Property Documentation

5.10.3.1 Model.Enum.Platform Crosstales.Common.Util.BaseHelper.CurrentPlatform [static],[get]

Returns the current platform.

Returns

The current platform.

5.10.3.2 bool Crosstales.Common.Util.BaseHelper.isAndroidPlatform [static],[get]

Checks if the current platform is Android.

Returns

True if the current platform is Android.

5.10.3.3 bool Crosstales.Common.Util.BaseHelper.isAppleBasedPlatform [static],[get]

Checks if the current platform is Apple-based (macOS standalone or iOS).

Returns

True if the current platform is Apple-based (macOS standalone or iOS).

5.10.3.4 bool Crosstales.Common.Util.BaseHelper.isEditor [static],[get]

Checks if we are inside the Editor.

Returns

True if we are inside the Editor.

5.10.3.5 bool Crosstales.Common.Util.BaseHelper.isEditorMode [static],[get]

Checks if we are in Editor mode.

Returns

True if in Editor mode.

5.10.3.6 bool Crosstales.Common.Util.BaseHelper.isInternetAvailable [static],[get]

Checks if an Internet connection is available.

Returns

True if an Internet connection is available.

5.10.3.7 bool Crosstales.Common.Util.BaseHelper.isIOSPlatform [static],[get]

Checks if the current platform is iOS.

Returns

True if the current platform is iOS.

5.10.3.8 bool Crosstales.Common.Util.BaseHelper.isLinuxPlatform [static],[get]

Checks if the current platform is Linux.

Returns

True if the current platform is Linux.

5.10.3.9 bool Crosstales.Common.Util.BaseHelper.isMacOSPlatform [static],[get]

Checks if the current platform is OSX.

Returns

True if the current platform is OSX.

5.10.3.10 bool Crosstales.Common.Util.BaseHelper.isStandalonePlatform [static],[get]

Checks if the current platform is standalone (Windows, macOS or Linux).

Returns

True if the current platform is standalone (Windows, macOS or Linux).

5.10.3.11 bool Crosstales.Common.Util.BaseHelper.isWebGLPlatform [static],[get]

Checks if the current platform is WebGL.

Returns

True if the current platform is WebGL.

5.10.3.12 bool Crosstales.Common.Util.BaseHelper.isWebPlatform [static],[get]

Checks if the current platform is Web (WebPlayer or WebGL).

Returns

True if the current platform is Web (WebPlayer or WebGL).

5.10.3.13 bool Crosstales.Common.Util.BaseHelper.isWebPlayerPlatform [static],[get]

Checks if the current platform is WebPlayer.

Returns

True if the current platform is WebPlayer.

5.10.3.14 bool Crosstales.Common.Util.BaseHelper.isWindowsBasedPlatform [static],[get]

Checks if the current platform is Windows-based (Windows standalone or WSA).

Returns

True if the current platform is Windows-based (Windows standalone or WSA).

5.10.3.15 bool Crosstales.Common.Util.BaseHelper.isWindowsPlatform [static],[get]

Checks if the current platform is Windows.

Returns

True if the current platform is Windows.

5.10.3.16 bool Crosstales.Common.Util.BaseHelper.isWSAPlatform [static],[get]

Checks if the current platform is WSA.

Returns

True if the current platform is WSA.

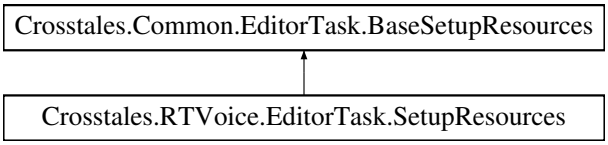
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/BaseHelper.cs

5.11 Crosstales.Common.EditorTask.BaseSetupResources Class Reference

Base for copying all resources to 'Editor Default Resources'.

Inheritance diagram for Crosstales.Common.EditorTask.BaseSetupResources:



Static Protected Member Functions

- static void **setupResources** (string source, string sourceFolder, string target, string targetFolder, string metafile)

5.11.1 Detailed Description

Base for copying all resources to 'Editor Default Resources'.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Editor/Task/BaseSetupResources.cs

5.12 Crosstales.RTVoice.Provider.BaseVoiceProvider Class Reference

Base class for voice providers.

Inheritance diagram for Crosstales.RTVoice.Provider.BaseVoiceProvider:

Public Member Functions

- BaseVoiceProvider (MonoBehaviour obj)

  Constructor for a VoiceProvider.
- virtual void Silence ()

  Silence all active TTS-providers.
- virtual void Silence (string uid)

  Silence the current TTS-provider (native mode).
- abstract IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- abstract IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- abstract IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.

Static Protected Member Functions

- static void **fileCopy** (string inputFile, string outputFile, bool move=false)
- static void **onVoicesReady** ()
- static void **onSpeakStart** (Model.Wrapper wrapper)
- static void **onSpeakComplete** (Model.Wrapper wrapper)
- static void **onSpeakCurrentWord** (Model.Wrapper wrapper, string[ ] speechTextArray, int wordIndex)
- static void **onSpeakCurrentPhoneme** (Model.Wrapper wrapper, string phoneme)
- static void **onSpeakCurrentViseme** (Model.Wrapper wrapper, string viseme)
- static void **onSpeakAudioGenerationStart** (Model.Wrapper wrapper)
- static void **onSpeakAudioGenerationComplete** (Model.Wrapper wrapper)
- static void **onErrorInfo** (Model.Wrapper wrapper, string info)

Protected Attributes

- System.Collections.Generic.Dictionary< string, System.Diagnostics.Process > **processes** = new System.↩ Collections.Generic.Dictionary<string, System.Diagnostics.Process>()
- bool **silence** = false
- MonoBehaviour **speakerObj**

Static Protected Attributes

- static char[ ] **splitCharWords** = new char[ ] { ' ' }

Properties

- static VoicesReady OnVoicesReady

  An event triggered whenever the voices of a provider are ready.
- static SpeakStart OnSpeakStart

  An event triggered whenever a speak is started.
- static SpeakComplete OnSpeakComplete

  An event triggered whenever a speak is completed.
- static SpeakCurrentWord OnSpeakCurrentWord

  An event triggered whenever a new word is spoken (native, Windows and iOS only).
- static SpeakCurrentPhoneme OnSpeakCurrentPhoneme

  An event triggered whenever a new phoneme is spoken (native mode, Windows only).
- static SpeakCurrentViseme OnSpeakCurrentViseme

  An event triggered whenever a new viseme is spoken (native mode, Windows only).
- static SpeakAudioGenerationStart OnSpeakAudioGenerationStart

  An event triggered whenever a speak audio generation is started.
- static SpeakAudioGenerationComplete OnSpeakAudioGenerationComplete

  An event triggered whenever a speak audio generation is completed.
- static ErrorInfo OnErrorInfo

  An event triggered whenever an error occurs.
- abstract string **AudioFileExtension** `[get]`
- abstract System.Collections.Generic.List< Model.Voice > **Voices** `[get]`

5.12.1 Detailed Description

Base class for voice providers.

5.12.2 Constructor & Destructor Documentation

5.12.2.1 Crosstales.RTVoice.Provider.BaseVoiceProvider.BaseVoiceProvider (MonoBehaviour *obj*)

Constructor for a VoiceProvider.

Parameters

obj	Instance of the speaker

5.12.3 Member Function Documentation

5.12.3.1 abstract IEnumerator Crosstales.RTVoice.Provider.BaseVoiceProvider.Generate (Model.Wrapper *wrapper*) `[pure virtual]`

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.IVoiceProvider.

Implemented in Crosstales.RTVoice.Provider.VoiceProviderLinux, Crosstales.RTVoice.Provider.VoiceProvider↩ Windows, Crosstales.RTVoice.Provider.VoiceProviderMacOS, Crosstales.RTVoice.Provider.VoiceProvider↩ Android, Crosstales.RTVoice.Provider.VoiceProviderIOS, Crosstales.RTVoice.Provider.VoiceProviderMary, and Crosstales.RTVoice.Provider.VoiceProviderWSA.

5.12.3.2 virtual void Crosstales.RTVoice.Provider.BaseVoiceProvider.Silence ( ) [virtual]

Silence all active TTS-providers.

Implements Crosstales.RTVoice.Provider.IVoiceProvider.

Reimplemented in Crosstales.RTVoice.Provider.VoiceProviderAndroid, Crosstales.RTVoice.Provider.Voice↩ ProviderIOS, Crosstales.RTVoice.Provider.VoiceProviderMary, and Crosstales.RTVoice.Provider.VoiceProvider↩ WSA.

5.12.3.3 virtual void Crosstales.RTVoice.Provider.BaseVoiceProvider.Silence (string *uid*) [virtual]

Silence the current TTS-provider (native mode).

Parameters

uid	UID of the speaker

Implements Crosstales.RTVoice.Provider.IVoiceProvider.

5.12.3.4 abstract IEnumerator Crosstales.RTVoice.Provider.BaseVoiceProvider.Speak (Model.Wrapper *wrapper*) [pure virtual]

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.IVoiceProvider.

Implemented in Crosstales.RTVoice.Provider.VoiceProviderLinux, Crosstales.RTVoice.Provider.VoiceProvider↩ IOS, Crosstales.RTVoice.Provider.VoiceProviderWindows, Crosstales.RTVoice.Provider.VoiceProviderMac↩ OS, Crosstales.RTVoice.Provider.VoiceProviderAndroid, Crosstales.RTVoice.Provider.VoiceProviderMary, and Crosstales.RTVoice.Provider.VoiceProviderWSA.

5.12.3.5 abstract IEnumerator Crosstales.RTVoice.Provider.BaseVoiceProvider.SpeakNative (Model.Wrapper *wrapper*) [pure virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.IVoiceProvider.

Implemented in Crosstales.RTVoice.Provider.VoiceProviderIOS, Crosstales.RTVoice.Provider.VoiceProvider↩ Linux, Crosstales.RTVoice.Provider.VoiceProviderMary, Crosstales.RTVoice.Provider.VoiceProviderWindows, Crosstales.RTVoice.Provider.VoiceProviderWSA, Crosstales.RTVoice.Provider.VoiceProviderAndroid, and Crosstales.RTVoice.Provider.VoiceProviderMacOS.

5.12.4 Property Documentation

5.12.4.1 ErrorInfo Crosstales.RTVoice.Provider.BaseVoiceProvider.OnErrorInfo [static], [add], [remove]

An event triggered whenever an error occurs.

5.12.4.2 SpeakAudioGenerationComplete Crosstales.RTVoice.Provider.BaseVoiceProvider.OnSpeakAudioGenerationComplete [static], [add], [remove]

An event triggered whenever a speak audio generation is completed.

5.12.4.3 SpeakAudioGenerationStart Crosstales.RTVoice.Provider.BaseVoiceProvider.OnSpeakAudioGenerationStart [static], [add], [remove]

An event triggered whenever a speak audio generation is started.

5.12.4.4 SpeakComplete Crosstales.RTVoice.Provider.BaseVoiceProvider.OnSpeakComplete [static], [add], [remove]

An event triggered whenever a speak is completed.

5.12.4.5 SpeakCurrentPhoneme Crosstales.RTVoice.Provider.BaseVoiceProvider.OnSpeakCurrentPhoneme [static], [add], [remove]

An event triggered whenever a new phoneme is spoken (native mode, Windows only).

5.12.4.6 SpeakCurrentViseme Crosstales.RTVoice.Provider.BaseVoiceProvider.OnSpeakCurrentViseme [static], [add], [remove]

An event triggered whenever a new viseme is spoken (native mode, Windows only).

5.12.4.7 SpeakCurrentWord Crosstales.RTVoice.Provider.BaseVoiceProvider.OnSpeakCurrentWord [static],[add], [remove]

An event triggered whenever a new word is spoken (native, Windows and iOS only).

5.12.4.8 SpeakStart Crosstales.RTVoice.Provider.BaseVoiceProvider.OnSpeakStart [static],[add],[remove]

An event triggered whenever a speak is started.

5.12.4.9 VoicesReady Crosstales.RTVoice.Provider.BaseVoiceProvider.OnVoicesReady [static],[add],[remove]

An event triggered whenever the voices of a provider are ready.

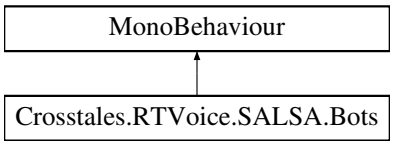
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Provider/BaseVoiceProvider.cs

5.13 Crosstales.RTVoice.SALSA.Bots Class Reference

This is class for conversations between two SALSA-Bots.

Inheritance diagram for Crosstales.RTVoice.SALSA.Bots:



Public Member Functions

- void **OnEnable** ()
- void **OnDestroy** ()
- void **Update** ()

Public Attributes

- AudioSource **SourceA**
- AudioSource **SourceB**
- string[ ] **ConverstationsA**
- string[ ] **ConverstationsB**

5.13.1 Detailed Description

This is class for conversations between two SALSA-Bots.

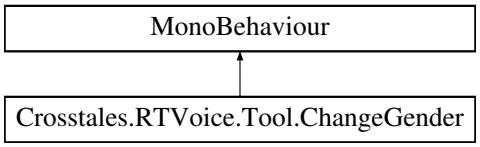
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/SALSA/Scripts/Bots.cs

5.14 Crosstales.RTVoice.Tool.ChangeGender Class Reference

Change the gender of all voices (useful for eSpeak).

Inheritance diagram for Crosstales.RTVoice.Tool.ChangeGender:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **Change** ()

Public Attributes

- Model.Enum.Gender NewGender

  The new gender for all voices.
- bool RefreshOnVoicesReady = true

  Refresh on voices ready (default: true).

5.14.1 Detailed Description

Change the gender of all voices (useful for eSpeak).

5.14.2 Member Data Documentation

5.14.2.1 Model.Enum.Gender Crosstales.RTVoice.Tool.ChangeGender.NewGender

The new gender for all voices.

5.14.2.2 bool Crosstales.RTVoice.Tool.ChangeGender.RefreshOnVoicesReady = true

Refresh on voices ready (default: true).

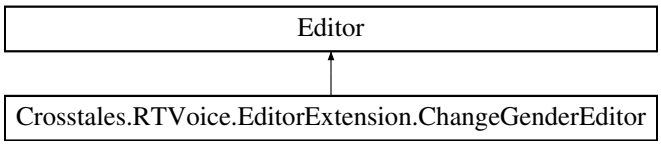
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Tool/ChangeGender.cs

5.15 Crosstales.RTVoice.EditorExtension.ChangeGenderEditor Class Reference

Custom editor for the 'ChangeGender'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.ChangeGenderEditor:



Public Member Functions

- void **OnEnable** ()
- override void **OnInspectorGUI** ()

5.15.1 Detailed Description

Custom editor for the 'ChangeGender'-class.

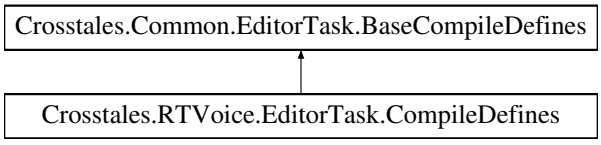
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Extension/ChangeGenderEditor.cs

5.16 Crosstales.RTVoice.EditorTask.CompileDefines Class Reference

Adds the given define symbols to PlayerSettings define symbols.

Inheritance diagram for Crosstales.RTVoice.EditorTask.CompileDefines:



Additional Inherited Members

5.16.1 Detailed Description

Adds the given define symbols to PlayerSettings define symbols.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Task/CompileDefines.cs

5.17 Crosstales.RTVoice.Util.Config Class Reference

Configuration for the asset.

Static Public Member Functions

- static void Reset ()

  Resets all changable variables to their default value.
- static void Load ()

  Loads all changable variables.
- static void Save ()

  Saves all changable variables.

Static Public Attributes

- static string ASSET_PATH = "/Plugins/crosstales/RTVoice/"

  Path to the asset inside the Unity project.
- static bool DEBUG = Constants.DEFAULT_DEBUG

  Enable or disable debug logging for the asset.
- static string AUDIOFILE_PATH = Constants.DEFAULT_AUDIOFILE_PATH

  Don't destroy the objects during scene switches.
- static bool AUDIOFILE_AUTOMATIC_DELETE = Constants.DEFAULT_AUDIOFILE_AUTOMATIC_DELETE

  Automatically delete the generated audio files.
- static bool ENFORCE_32BIT_WINDOWS = Constants.DEFAULT_ENFORCE_32BIT_WINDOWS

  Enforce 32bit versions of voices under Windows.
- static string TTS_WINDOWS_BUILD = Constants.DEFAULT_TTS_WINDOWS_BUILD

  Location of the TTS-wrapper under Windows (stand-alone).
- static string TTS_MACOS = Constants.DEFAULT_TTS_MACOS

  Location of the TTS-system under MacOS.
- static string TTS_LINUX = Constants.DEFAULT_TTS_LINUX

  Location of the TTS-system under Linux.
- static bool isLoaded = false

  Is the configuration loaded?

Properties

- static string TTS_WINDOWS_EDITOR [get]

  Location of the TTS-wrapper under Windows (Editor).
- static string TTS_WINDOWS_EDITOR_x86 [get]

  Location of the TTS-wrapper (32bit) under Windows (Editor).

5.17.1 Detailed Description

Configuration for the asset.

5.17.2 Member Function Documentation

5.17.2.1 static void Crosstales.RTVoice.Util.Config.Load ( ) [static]

Loads all changable variables.

5.17.2.2 static void Crosstales.RTVoice.Util.Config.Reset ( ) [static]

Resets all changable variables to their default value.

5.17.2.3 static void Crosstales.RTVoice.Util.Config.Save ( ) [static]

Saves all changable variables.

5.17.3 Member Data Documentation

5.17.3.1 string Crosstales.RTVoice.Util.Config.ASSET_PATH = "/Plugins/crosstales/RTVoice/" [static]

Path to the asset inside the Unity project.

5.17.3.2 bool Crosstales.RTVoice.Util.Config.AUDIOFILE_AUTOMATIC_DELETE = Constants.DEFAULT_AUDIOFILE_AUTOMATIC_DELETE [static]

Automatically delete the generated audio files.

5.17.3.3 string Crosstales.RTVoice.Util.Config.AUDIOFILE_PATH = Constants.DEFAULT_AUDIOFILE_PATH [static]

Don't destroy the objects during scene switches.

Path to the generated audio files.

5.17.3.4 bool Crosstales.RTVoice.Util.Config.DEBUG = Constants.DEFAULT_DEBUG [static]

Enable or disable debug logging for the asset.

5.17.3.5 bool Crosstales.RTVoice.Util.Config.ENFORCE_32BIT_WINDOWS = Constants.DEFAULT_ENFORCE_32BIT_WINDOWS [static]

Enforce 32bit versions of voices under Windows.

5.17.3.6 bool Crosstales.RTVoice.Util.Config.isLoaded = false [static]

Is the configuration loaded?

5.17.3.7 string Crosstales.RTVoice.Util.Config.TTS_LINUX = Constants.DEFAULT_TTS_LINUX [static]

Location of the TTS-system under Linux.

5.17.3.8 string Crosstales.RTVoice.Util.Config.TTS_MACOS = Constants.DEFAULT_TTS_MACOS [static]

Location of the TTS-system under MacOS.

5.17.3.9 string Crosstales.RTVoice.Util.Config.TTS_WINDOWS_BUILD = Constants.DEFAULT_TTS_WINDOWS_BUILD [static]

Location of the TTS-wrapper under Windows (stand-alone).

5.17.4 Property Documentation

5.17.4.1 string Crosstales.RTVoice.Util.Config.TTS_WINDOWS_EDITOR [static],[get]

Location of the TTS-wrapper under Windows (Editor).

5.17.4.2 string Crosstales.RTVoice.Util.Config.TTS_WINDOWS_EDITOR_x86 [static],[get]

Location of the TTS-wrapper (32bit) under Windows (Editor).

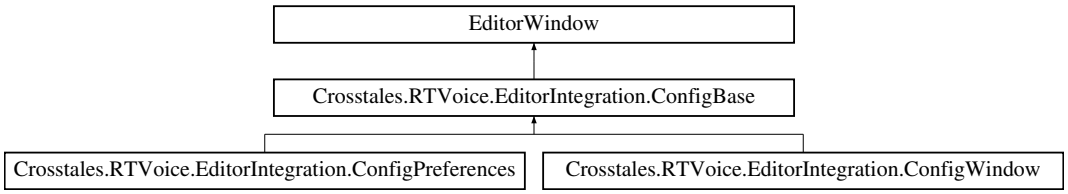
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Util/Config.cs

5.18 Crosstales.RTVoice.EditorIntegration.ConfigBase Class Reference

Base class for editor windows.

Inheritance diagram for Crosstales.RTVoice.EditorIntegration.ConfigBase:



Protected Member Functions

- void **showConfiguration** ()
- void **showHelp** ()
- void **showAbout** ()

Static Protected Member Functions

- static void **save** ()

5.18.1 Detailed Description

Base class for editor windows.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Integration/ConfigBase.cs

5.19 Crosstales.RTVoice.EditorTask.ConfigLoader Class Reference

Loads the configuration at startup.

5.19.1 Detailed Description

Loads the configuration at startup.

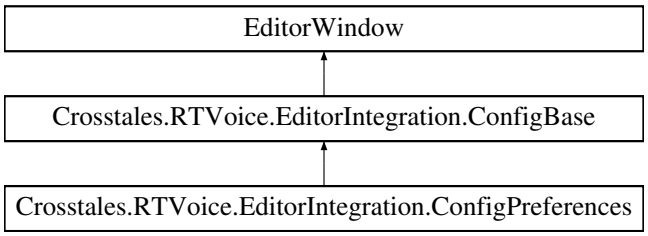
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Task/ConfigLoader.cs

5.20 Crosstales.RTVoice.EditorIntegration.ConfigPreferences Class Reference

Unity "Preferences" extension.

Inheritance diagram for Crosstales.RTVoice.EditorIntegration.ConfigPreferences:



Additional Inherited Members

5.20.1 Detailed Description

Unity "Preferences" extension.

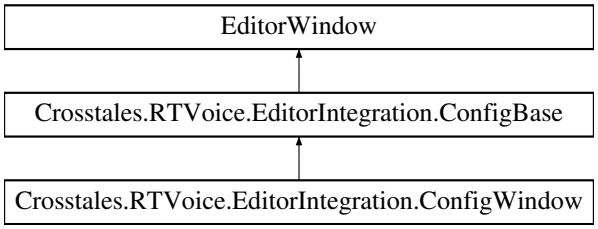
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Integration/ConfigPreferences.cs

5.21 Crosstales.RTVoice.EditorIntegration.ConfigWindow Class Reference

Editor window extension.

Inheritance diagram for Crosstales.RTVoice.EditorIntegration.ConfigWindow:



Public Member Functions

- delegate void **StopPlayback** ()
- void **OnEnable** ()
- void **OnDisable** ()
- void **OnGUI** ()
- void **OnInspectorUpdate** ()

Static Public Member Functions

- static void **ShowWindow** ()
- static void **ShowWindow** (int tab)

Events

- static StopPlayback **OnStopPlayback**

Additional Inherited Members

5.21.1 Detailed Description

Editor window extension.

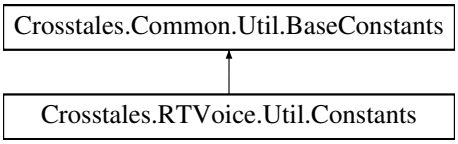
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Integration/ConfigWindow.cs

5.22 Crosstales.RTVoice.Util.Constants Class Reference

Collected constants of very general utility for the asset.

Inheritance diagram for Crosstales.RTVoice.Util.Constants:



Public Attributes

- const string ASSET_NAME = "RT-Voice PRO"

  Name of the asset.
- const string ASSET_VERSION = "2.9.7"

  Version of the asset.
- const int ASSET_BUILD = 20180404

  Build number of the asset.
- const string ASSET_PRO_URL = "https://www.assetstore.unity3d.com/#!/content/41068?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the PRO asset in UAS.
- const string ASSET_3P_URL = "https://www.assetstore.unity3d.com/#!/list/42209-rt-voice-friends?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party assets in UAS.

- const string ASSET_UPDATE_CHECK_URL = "https://www.crosstales.com/media/assets/rtvoice_versions.txt"

  URL for update-checks of the asset
- const string ASSET_CONTACT = "rtvoice@crosstales.com"

  Contact to the owner of the asset.
- const string ASSET_MANUAL_URL = "https://www.crosstales.com/media/data/assets/rtvoice/RTVoice-doc.pdf"

  URL of the asset manual.
- const string ASSET_API_URL = "http://goo.gl/6w4Fy0"

  URL of the asset API.
- const string ASSET_FORUM_URL = "http://goo.gl/Z6MZMl"

  URL of the asset forum.
- const string ASSET_WEB_URL = "https://www.crosstales.com/en/portfolio/rtvoice/"

  URL of the asset in crosstales.
- const string ASSET_VIDEO_PROMO = "https://youtu.be/iVhTWDLY7g8?list=PLgtonIOr6Tb41XTMeeZ836tjHlKgOO84S"

  URL of the promotion video of the asset (Youtube).
- const string ASSET_VIDEO_TUTORIAL = "https://youtu.be/OJyVgCmX3wU?list=PLgtonIOr6Tb41XTMeeZ836tjHlKgOO84S"

  URL of the tutorial video of the asset (Youtube).
- const string ASSET_3P_ADVENTURE_CREATOR = "https://www.assetstore.unity3d.com/#!/content/11896?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "Adventure Creator".
- const string ASSET_3P_CINEMA_DIRECTOR = "https://www.assetstore.unity3d.com/#!/content/19779?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "Cinema Director".
- const string ASSET_3P_DIALOG_SYSTEM = "https://www.assetstore.unity3d.com/#!/content/11672?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "Dialogue System".
- const string ASSET_3P_LOCALIZED_DIALOGS = "https://www.assetstore.unity3d.com/#!/content/5020?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "Localized Dialogs".
- const string ASSET_3P_LIPSYNC = "https://www.assetstore.unity3d.com/#!/content/32117?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "LipSync Pro".
- const string ASSET_3P_NPC_CHAT = "https://www.assetstore.unity3d.com/#!/content/9723?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "NPC Chat".
- const string ASSET_3P_QUEST_SYSTEM = "https://www.assetstore.unity3d.com/#!/content/63460?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "Quest System Pro".
- const string ASSET_3P_SALSA = "https://www.assetstore.unity3d.com/#!/content/16944?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "SALSA".
- const string ASSET_3P_SLATE = "https://www.assetstore.unity3d.com/#!/content/56558?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "SLATE".
- const string ASSET_3P_DIALOGUE_ENGINE = "https://www.assetstore.unity3d.com/#!/content/42467?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "THE Dialogue Engine".
- const string ASSET_3P_USEQUENCER = "https://www.assetstore.unity3d.com/#!/content/3666?aid=1011lNGT&pubref=" + ASSET_NAME

  URL of the 3rd party asset "uSequencer".

- const string **KEY_PREFIX** = "RTVOICE_CFG_"
- const string **KEY_ASSET_PATH** = KEY_PREFIX + "ASSET_PATH"
- const string **KEY_DEBUG** = KEY_PREFIX + "DEBUG"
- const string **KEY_AUDIOFILE_PATH** = KEY_PREFIX + "AUDIOFILE_PATH"
- const string **KEY_AUDIOFILE_AUTOMATIC_DELETE** = KEY_PREFIX + "AUDIOFILE_AUTOMATIC_DE↩LETE"
- const string **KEY_ENFORCE_32BIT_WINDOWS** = KEY_PREFIX + "ENFORCE_32BIT_WINDOWS"
- const bool **DEFAULT_AUDIOFILE_AUTOMATIC_DELETE** = true
- const bool **DEFAULT_ENFORCE_32BIT_WINDOWS** = false
- const string **DEFAULT_TTS_WINDOWS_BUILD** = @"/RTVoiceTTSWrapper.exe"
- const string **DEFAULT_TTS_MACOS** = "say"
- const string **DEFAULT_TTS_LINUX** = "espeak"
- const int **DEFAULT_TTS_KILL_TIME** = 7000
- const string RTVOICE_SCENE_OBJECT_NAME = "RTVoice"

  RTVoice prefab scene name.

Static Public Attributes

- static readonly bool isPro = true

  Is PRO-version?
- static readonly System.DateTime ASSET_CREATED = new System.DateTime(2015, 4, 29)

  Create date of the asset (YYYY, MM, DD).
- static readonly System.DateTime ASSET_CHANGED = new System.DateTime(2018, 4, 4)

  Change date of the asset (YYYY, MM, DD).
- static readonly string **DEFAULT_AUDIOFILE_PATH** = Application.temporaryCachePath
- static string TTS_WINDOWS_SUBPATH = "Wrapper/Windows/RTVoiceTTSWrapper.exe"

  Sub-path to the TTS-wrapper under Windows (Editor).
- static string TTS_WINDOWS_x86_SUBPATH = "Wrapper/Windows/RTVoiceTTSWrapper_x86.exe"

  Sub-path to the TTS-wrapper (32bit) under Windows (Editor).
- static string ESPEAK_FEMALE_MODIFIER = "+f3"

  Female modifier for eSpeak.

Additional Inherited Members

5.22.1 Detailed Description

Collected constants of very general utility for the asset.

5.22.2 Member Data Documentation

5.22.2.1 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_ADVENTURE_CREATOR = "https://www.assetstore.unity3d.com/#!/content/11896?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "Adventure Creator".

5.22.2.2 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_CINEMA_DIRECTOR = "https://www.assetstore.unity3d.com/#!/content/19779?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "Cinema Director".

5.22.2.3 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_DIALOG_SYSTEM = "https://www.assetstore.unity3d.com/#!/content/11672?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "Dialogue System".

5.22.2.4 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_DIALOGUE_ENGINE = "https://www.assetstore.unity3d.com/#!/content/42467?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "THE Dialogue Engine".

5.22.2.5 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_LIPSYNC = "https://www.assetstore.unity3d.com/#!/content/32117?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "LipSync Pro".

5.22.2.6 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_LOCALIZED_DIALOGS = "https://www.assetstore.unity3d.com/#!/content/5020?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "Localized Dialogs".

5.22.2.7 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_NPC_CHAT = "https://www.assetstore.unity3d.com/#!/content/9723?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "NPC Chat".

5.22.2.8 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_QUEST_SYSTEM = "https://www.assetstore.unity3d.com/#!/content/63460?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "Quest System Pro".

5.22.2.9 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_SALSA = "https://www.assetstore.unity3d.com/#!/content/16944?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "SALSA".

5.22.2.10 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_SLATE = "https://www.assetstore.unity3d.com/#!/content/56558?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "SLATE".

5.22.2.11 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_URL = "https://www.assetstore.unity3d.com/#!/list/42209-rt-voice-friends?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party assets in UAS.

5.22.2.12 const string Crosstales.RTVoice.Util.Constants.ASSET_3P_USEQUENCER = "https://www.assetstore.unity3d.com/#!/content/3666?aid=1011INGT&pubref=" + ASSET_NAME

URL of the 3rd party asset "uSequencer".

5.22.2.13 const string Crosstales.RTVoice.Util.Constants.ASSET_API_URL = "http://goo.gl/6w4Fy0"

URL of the asset API.

5.22.2.14 const int Crosstales.RTVoice.Util.Constants.ASSET_BUILD = 20180404

Build number of the asset.

5.22.2.15 readonly System.DateTime Crosstales.RTVoice.Util.Constants.ASSET_CHANGED = new System.DateTime(2018, 4, 4) [static]

Change date of the asset (YYYY, MM, DD).

5.22.2.16 const string Crosstales.RTVoice.Util.Constants.ASSET_CONTACT = "rtvoice@crosstales.com"

Contact to the owner of the asset.

5.22.2.17 readonly System.DateTime Crosstales.RTVoice.Util.Constants.ASSET_CREATED = new System.DateTime(2015, 4, 29) [static]

Create date of the asset (YYYY, MM, DD).

5.22.2.18 const string Crosstales.RTVoice.Util.Constants.ASSET_FORUM_URL = "http://goo.gl/Z6MZMI"

URL of the asset forum.

5.22.2.19 const string Crosstales.RTVoice.Util.Constants.ASSET_MANUAL_URL = "https://www.crosstales.com/media/data/assets/rtvoice/RTVoice-doc.pdf"

URL of the asset manual.

5.22.2.20 const string Crosstales.RTVoice.Util.Constants.ASSET_NAME = "RT-Voice PRO"

Name of the asset.

5.22.2.21 const string Crosstales.RTVoice.Util.Constants.ASSET_PRO_URL = "https://www.assetstore.unity3d.com/#!/content/41068?aid=1011INGT&pubref=" + ASSET_NAME

URL of the PRO asset in UAS.

5.22.2.22 const string Crosstales.RTVoice.Util.Constants.ASSET_UPDATE_CHECK_URL = "https://www.crosstales.com/media/assets/rtvoice_versions.txt"

URL for update-checks of the asset

5.22.2.23 const string Crosstales.RTVoice.Util.Constants.ASSET_VERSION = "2.9.7"

Version of the asset.

5.22.2.24 const string Crosstales.RTVoice.Util.Constants.ASSET_VIDEO_PROMO = "https://youtu.be/iVhTWDLY7g8?list=PLgtonIOr6Tb41XTMeeZ836tjHIKgOO84S"

URL of the promotion video of the asset (Youtube).

5.22.2.25 const string Crosstales.RTVoice.Util.Constants.ASSET_VIDEO_TUTORIAL = "https://youtu.be/OJyVgCmX3wU?list=PLgtonIOr6Tb41XTMeeZ836tjHIKgOO84S"

URL of the tutorial video of the asset (Youtube).

5.22.2.26 const string Crosstales.RTVoice.Util.Constants.ASSET_WEB_URL = "https://www.crosstales.com/en/portfolio/rtvoice/"

URL of the asset in crosstales.

5.22.2.27 string Crosstales.RTVoice.Util.Constants.ESPEAK_FEMALE_MODIFIER = "+f3" [static]

Female modifier for eSpeak.

5.22.2.28 readonly bool Crosstales.RTVoice.Util.Constants.isPro = true [static]

Is PRO-version?

5.22.2.29 const string Crosstales.RTVoice.Util.Constants.RTVOICE_SCENE_OBJECT_NAME = "RTVoice"

RTVoice prefab scene name.

5.22.2.30 string Crosstales.RTVoice.Util.Constants.TTS_WINDOWS_SUBPATH = "Wrapper/Windows/RTVoiceTTSWrapper.exe" [static]

Sub-path to the TTS-wrapper under Windows (Editor).

5.22.2.31 string Crosstales.RTVoice.Util.Constants.TTS_WINDOWS_x86_SUBPATH = "Wrapper/Windows/RTVoiceTTS↩ Wrapper_x86.exe" [static]

Sub-path to the TTS-wrapper (32bit) under Windows (Editor).

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Util/Constants.cs

5.23 Crosstales.Common.Util.CTPlayerPrefs Class Reference

Wrapper for the PlayerPrefs.

Static Public Member Functions

- static bool HasKey (string key)

  Exists the key?
- static void DeleteAll ()

  Deletes all keys.
- static void DeleteKey (string key)

  Delete the key.
- static void Save ()

  Saves all modifications.
- static string GetString (string key)

  Allows to get a string from a key.
- static float GetFloat (string key)

  Allows to get a float from a key.
- static int GetInt (string key)

  Allows to get an int from a key.
- static bool GetBool (string key)

  Allows to get a bool from a key.
- static void SetString (string key, string value)

  Allows to set a string for a key.
- static void SetFloat (string key, float value)

  Allows to set a float for a key.
- static void SetInt (string key, int value)

  Allows to set an int for a key.
- static void SetBool (string key, bool value)

  Allows to set a bool for a key.

5.23.1 Detailed Description

Wrapper for the PlayerPrefs.

5.23.2 Member Function Documentation

5.23.2.1 static void Crosstales.Common.Util.CTPlayerPrefs.DeleteAll ( ) [static]

Deletes all keys.

5.23.2.2 static void Crosstales.Common.Util.CTPlayerPrefs.DeleteKey (string *key*) [static]

Delete the key.

Parameters

key	Key to delete in the PlayerPrefs.

5.23.2.3 static bool Crosstales.Common.Util.CTPlayerPrefs.GetBool (string *key*) [static]

Allows to get a bool from a key.

Parameters

key	Key for the PlayerPrefs.

Returns

Value for the key.

5.23.2.4 static float Crosstales.Common.Util.CTPlayerPrefs.GetFloat (string *key*) [static]

Allows to get a float from a key.

Parameters

key	Key for the PlayerPrefs.

Returns

Value for the key.

5.23.2.5 static int Crosstales.Common.Util.CTPlayerPrefs.GetInt (string *key*) [static]

Allows to get an int from a key.

Parameters

key	Key for the PlayerPrefs.

Returns

Value for the key.

5.23.2.6 static string Crosstales.Common.Util.CTPlayerPrefs.GetString (string *key*) [static]

Allows to get a string from a key.

Parameters

key	Key for the PlayerPrefs.

Returns

Value for the key.

5.23.2.7 static bool Crosstales.Common.Util.CTPlayerPrefs.HasKey (string *key*) [static]

Exists the key?

Parameters

key	Key for the PlayerPrefs.

Returns

Value for the key.

5.23.2.8 static void Crosstales.Common.Util.CTPlayerPrefs.Save ( ) [static]

Saves all modifications.

5.23.2.9 static void Crosstales.Common.Util.CTPlayerPrefs.SetBool (string *key*, bool *value*) [static]

Allows to set a bool for a key.

Parameters

key	Key for the PlayerPrefs.
value	Value for the PlayerPrefs.

5.23.2.10 static void Crosstales.Common.Util.CTPlayerPrefs.SetFloat (string *key*, float *value*) [static]

Allows to set a float for a key.

Parameters

key	Key for the PlayerPrefs.
value	Value for the PlayerPrefs.

5.23.2.11 static void Crosstales.Common.Util.CTPlayerPrefs.SetInt (string *key*, int *value*) [static]

Allows to set an int for a key.

Parameters

key	Key for the PlayerPrefs.
value	Value for the PlayerPrefs.

5.23.2.12 static void Crosstales.Common.Util.CTPlayerPrefs.SetString (string *key*, string *value*) [static]

Allows to set a string for a key.

Parameters

key	Key for the PlayerPrefs.
value	Value for the PlayerPrefs.

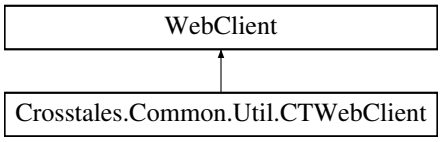
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/CTPlayerPrefs.cs

5.24 Crosstales.Common.Util.CTWebClient Class Reference

Specialized WebClient.

Inheritance diagram for Crosstales.Common.Util.CTWebClient:



Public Member Functions

- **CTWebClient** (int timeout, int connectionLimit=20)
- System.Net.WebRequest **CTGetWebRequest** (string uri)

Protected Member Functions

- override System.Net.WebRequest **GetWebRequest** (System.Uri uri)

Properties

- int Timeout `[get, set]`
  Timeout in milliseconds
- int ConnectionLimit `[get, set]`
  Connection limit for all WebClients

5.24.1 Detailed Description

Specialized WebClient.

5.24.2 Property Documentation

5.24.2.1 int Crosstales.Common.Util.CTWebClient.ConnectionLimit `[get],[set]`

Connection limit for all WebClients

5.24.2.2 int Crosstales.Common.Util.CTWebClient.Timeout `[get],[set]`

Timeout in milliseconds

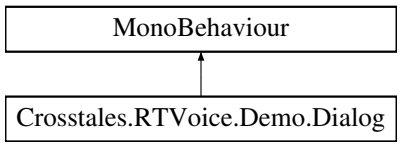
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/CTWebClient.cs

5.25 Crosstales.RTVoice.Demo.Dialog Class Reference

Simple dialog system with TTS voices.

Inheritance diagram for Crosstales.RTVoice.Demo.Dialog:



Public Member Functions

- void **Start** ()
- IEnumerator **DialogSequence** ()

Public Attributes

- string **CultureA** = "en"
- string **CultureB** = "en"
- float **RateA** = 1f
- float **RateB** = 1f
- float **PitchA** = 1f
- float **PitchB** = 1f
- float **VolumeA** = 1f
- float **VolumeB** = 1f
- AudioSource **AudioPersonA**
- AudioSource **AudioPersonB**
- string[ ] **DialogPersonA**
- string[ ] **DialogPersonB**
- string **CurrentDialogA** = string.Empty
- string **CurrentDialogB** = string.Empty
- bool **Running** = false

5.25.1 Detailed Description

Simple dialog system with TTS voices.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/Dialog.cs

5.26 Crosstales.RTVoice.EditorUtil.EditorConfig Class Reference

Editor configuration for the asset.

Static Public Member Functions

- static void Reset ()

  Resets all changable variables to their default value.
- static void Load ()

  Loads all changable variables.
- static void Save ()

  Saves all changable variables.

Static Public Attributes

- static bool UPDATE_CHECK = EditorConstants.DEFAULT_UPDATE_CHECK

  Enable or disable update-checks for the asset.
- static bool REMINDER_CHECK = EditorConstants.DEFAULT_REMINDER_CHECK

  Enable or disable reminder-checks for the asset.
- static bool TELEMETRY = EditorConstants.DEFAULT_TELEMETRY

  Enable or disable anonymous telemetry data.
- static bool PREFAB_AUTOLOAD = EditorConstants.DEFAULT_PREFAB_AUTOLOAD

  Automatically load and add the prefabs to the scene.
- static bool HIERARCHY_ICON = EditorConstants.DEFAULT_HIERARCHY_ICON

  Enable or disable the icon in the hierarchy.
- static bool isLoaded = false

  Is the configuration loaded?

Properties

- static string ASSET_PATH `[get]`

  Returns the path to the asset inside the Unity project.
- static string PREFAB_PATH `[get]`

  Returns the path of the prefabs.

5.26.1 Detailed Description

Editor configuration for the asset.

5.26.2 Member Function Documentation

5.26.2.1 static void Crosstales.RTVoice.EditorUtil.EditorConfig.Load ( ) [static]

Loads all changable variables.

5.26.2.2 static void Crosstales.RTVoice.EditorUtil.EditorConfig.Reset ( ) [static]

Resets all changable variables to their default value.

5.26.2.3 static void Crosstales.RTVoice.EditorUtil.EditorConfig.Save ( ) [static]

Saves all changable variables.

5.26.3 Member Data Documentation

5.26.3.1 bool Crosstales.RTVoice.EditorUtil.EditorConfig.HIERARCHY_ICON = EditorConstants.DEFAULT_HIERARCHY_ICON [static]

Enable or disable the icon in the hierarchy.

5.26.3.2 bool Crosstales.RTVoice.EditorUtil.EditorConfig.isLoaded = false [static]

Is the configuration loaded?

5.26.3.3 bool Crosstales.RTVoice.EditorUtil.EditorConfig.PREFAB_AUTOLOAD = EditorConstants.DEFAULT_PREFAB_AUTOLOAD [static]

Automatically load and add the prefabs to the scene.

5.26.3.4 bool Crosstales.RTVoice.EditorUtil.EditorConfig.REMINDER_CHECK = EditorConstants.DEFAULT_REMINDER_CHECK [static]

Enable or disable reminder-checks for the asset.

5.26.3.5 bool Crosstales.RTVoice.EditorUtil.EditorConfig.TELEMETRY = EditorConstants.DEFAULT_TELEMETRY [static]

Enable or disable anonymous telemetry data.

5.26.3.6 bool Crosstales.RTVoice.EditorUtil.EditorConfig.UPDATE_CHECK = EditorConstants.DEFAULT_UPDATE_CHECK [static]

Enable or disable update-checks for the asset.

5.26.4 Property Documentation

5.26.4.1 string Crosstales.RTVoice.EditorUtil.EditorConfig.ASSET_PATH [static], [get]

Returns the path to the asset inside the Unity project.

Returns

The path to the asset inside the Unity project.

5.26.4.2 string Crosstales.RTVoice.EditorUtil.EditorConfig.PREFAB_PATH [static],[get]

Returns the path of the prefabs.

Returns

The path of the prefabs.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Util/EditorConfig.cs

5.27 Crosstales.RTVoice.EditorUtil.EditorConstants Class Reference

Collected constants of very general utility for the asset.

Public Attributes

- const string **KEY_UPDATE_CHECK** = Util.Constants.KEY_PREFIX + "UPDATE_CHECK"
- const string **KEY_REMINDER_CHECK** = Util.Constants.KEY_PREFIX + "REMINDER_CHECK"
- const string **KEY_TELEMETRY** = Util.Constants.KEY_PREFIX + "TELEMETRY"
- const string **KEY_PREFAB_AUTOLOAD** = Util.Constants.KEY_PREFIX + "PREFAB_AUTOLOAD"
- const string **KEY_HIERARCHY_ICON** = Util.Constants.KEY_PREFIX + "HIERARCHY_ICON"
- const string **KEY_UPDATE_DATE** = Util.Constants.KEY_PREFIX + "UPDATE_DATE"
- const string **KEY_REMINDER_DATE** = Util.Constants.KEY_PREFIX + "REMINDER_DATE"
- const string **KEY_REMINDER_COUNT** = Util.Constants.KEY_PREFIX + "REMINDER_COUNT"
- const string **KEY_LAUNCH** = Util.Constants.KEY_PREFIX + "LAUNCH"
- const string **KEY_TELEMETRY_DATE** = Util.Constants.KEY_PREFIX + "TELEMETRY_DATE"
- const string **DEFAULT_ASSET_PATH** = "/Plugins/crosstales/RTVoice/"
- const bool **DEFAULT_UPDATE_CHECK** = true
- const bool **DEFAULT_UPDATE_OPEN_UAS** = false
- const bool **DEFAULT_REMINDER_CHECK** = true
- const bool **DEFAULT_TELEMETRY** = true
- const bool **DEFAULT_PREFAB_AUTOLOAD** = false
- const bool **DEFAULT_HIERARCHY_ICON** = true

Static Public Attributes

- static string PREFAB_SUBPATH = "Prefabs/"

  Sub-path to the prefabs.

Properties

- static string ASSET_URL [get]

  Returns the URL of the asset in UAS.
- static System.Guid ASSET_UID [get]

  Returns the UID of the asset.

5.27.1 Detailed Description

Collected constants of very general utility for the asset.

5.27.2 Member Data Documentation

5.27.2.1 string Crosstales.RTVoice.EditorUtil.EditorConstants.PREFAB_SUBPATH = "Prefabs/" [static]

Sub-path to the prefabs.

5.27.3 Property Documentation

5.27.3.1 System.Guid Crosstales.RTVoice.EditorUtil.EditorConstants.ASSET_UID [static],[get]

Returns the UID of the asset.

Returns

The UID of the asset.

5.27.3.2 string Crosstales.RTVoice.EditorUtil.EditorConstants.ASSET_URL [static],[get]

Returns the URL of the asset in UAS.

Returns

The URL of the asset in UAS.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Util/EditorConstants.cs

5.28 Crosstales.RTVoice.EditorUtil.EditorHelper Class Reference

Editor helper class.

Static Public Member Functions

- static void NoVoicesUI ()
  Shows the "no voices found"-UI.
- static void SeparatorUI (int space=12)
  Shows a separator-UI.
- static void InstantiatePrefab (string prefabName)
  Instantiates a prefab.

Public Attributes

- const int GO_ID = 20

  Start index inside the "GameObject"-menu.
- const int MENU_ID = 11820

  Start index inside the "Tools"-menu.

Properties

- static Texture2D **Logo_Asset** [get]
- static Texture2D **Logo_Asset_Small** [get]
- static Texture2D **Logo_CT** [get]
- static Texture2D **Logo_Unity** [get]
- static Texture2D **Icon_Save** [get]
- static Texture2D **Icon_Reset** [get]
- static Texture2D **Icon_Plus** [get]
- static Texture2D **Icon_Minus** [get]
- static Texture2D **Icon_Refresh** [get]
- static Texture2D **Icon_Speak** [get]
- static Texture2D **Icon_Silence** [get]
- static Texture2D **Icon_Manual** [get]
- static Texture2D **Icon_API** [get]
- static Texture2D **Icon_Forum** [get]
- static Texture2D **Icon_Product** [get]
- static Texture2D **Icon_Check** [get]
- static Texture2D **Social_Facebook** [get]
- static Texture2D **Social_Twitter** [get]
- static Texture2D **Social_Youtube** [get]
- static Texture2D **Social_Linkedin** [get]
- static Texture2D **Social_Xing** [get]
- static Texture2D **Video_Promo** [get]
- static Texture2D **Video_Tutorial** [get]
- static Texture2D **Icon_Videos** [get]
- static Texture2D **Store_PlayMaker** [get]
- static Texture2D **Store_AdventureCreator** [get]
- static Texture2D **Store_CinemaDirector** [get]
- static Texture2D **Store_DialogueSystem** [get]
- static Texture2D **Store_LDC** [get]
- static Texture2D **Store_LipSync** [get]
- static Texture2D **Store_NPC_Chat** [get]
- static Texture2D **Store_QuestSystem** [get]
- static Texture2D **Store_SALSA** [get]
- static Texture2D **Store_SLATE** [get]
- static Texture2D **Store_THE_Dialogue_Engine** [get]
- static Texture2D **Store_uSequencer** [get]
- static Texture2D **Icon_3p_Assets** [get]
- static bool isRTVoiceInScene [get]

  Checks if the 'RTVoice'-prefab is in the scene.

5.28.1 Detailed Description

Editor helper class.

5.28.2 Member Function Documentation

5.28.2.1 static void Crosstales.RTVoice.EditorUtil.EditorHelper.InstantiatePrefab (string *prefabName*) [static]

Instantiates a prefab.

Parameters

prefabName	Name of the prefab.

5.28.2.2 static void Crosstales.RTVoice.EditorUtil.EditorHelper.NoVoicesUI ( ) [static]

Shows the "no voices found"-UI.

5.28.2.3 static void Crosstales.RTVoice.EditorUtil.EditorHelper.SeparatorUI (int *space* = 12) [static]

Shows a separator-UI.

Parameters

space	Space in pixels between the component and the seperator line (default: 12, optional).

5.28.3 Member Data Documentation

5.28.3.1 const int Crosstales.RTVoice.EditorUtil.EditorHelper.GO_ID = 20

Start index inside the "GameObject"-menu.

5.28.3.2 const int Crosstales.RTVoice.EditorUtil.EditorHelper.MENU_ID = 11820

Start index inside the "Tools"-menu.

5.28.4 Property Documentation

5.28.4.1 bool Crosstales.RTVoice.EditorUtil.EditorHelper.isRTVoiceInScene [static],[get]

Checks if the 'RTVoice'-prefab is in the scene.

Returns

True if the 'RTVoice'-prefab is in the scene.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Util/EditorHelper.cs

5.29 Crosstales.ExtensionMethods Class Reference

Various extension methods.

Static Public Member Functions

- static string CTToTitleCase (this string str)

  Extension method for strings. Converts a string to title case (first letter uppercase).
- static string CTReplace (this string str, string oldString, string newString, System.StringComparison comp=System.StringComparison.OrdinalIgnoreCase)

  Extension method for strings. Case insensitive 'Replace'.
- static bool CTEquals (this string str, string toCheck, System.StringComparison comp=System.String↩Comparison.OrdinalIgnoreCase)

  Extension method for strings. Case insensitive 'Equals'.
- static bool CTContains (this string str, string toCheck, System.StringComparison comp=System.String↩Comparison.OrdinalIgnoreCase)

  Extension method for strings. Case insensitive 'Contains'.
- static bool CTContainsAny (this string str, string searchTerms, char splitChar= ' ')

  Extension method for strings. Contains any given string.
- static bool CTContainsAll (this string str, string searchTerms, char splitChar= ' ')

  Extension method for strings. Contains all given strings.
- static void CTShuffle< T > (this T[ ] array)

  Extension method for Arrays. Shuffles an Array.
- static string CTDump< T > (this T[ ] array)

  Extension method for Arrays. Dumps an array to a string.
- static string[ ] CTToString< T > (this T[ ] array)

  Extension method for Arrays. Generates a string array with all entries (via ToString).
- static void CTShuffle< T > (this System.Collections.Generic.IList< T > list)

  Extension method for Lists. Shuffles a List.
- static string CTDump< T > (this System.Collections.Generic.List< T > list)

  Extension method for Lists. Dumps a list to a string.
- static System.Collections.Generic.List< string > CTToString< T > (this System.Collections.Generic.List< T > list)

  Extension method for Lists. Generates a string list with all entries (via ToString).
- static void CTAddRange< T, S > (this System.Collections.Generic.Dictionary< T, S > source, System.↩Collections.Generic.Dictionary< T, S > collection)

  Extension method for dictionaries. Adds a dictionary to an existing one.

5.29.1 Detailed Description

Various extension methods.

5.29.2 Member Function Documentation

5.29.2.1 static void Crosstales.ExtensionMethods.CTAddRange< T, S > (this System.Collections.Generic.Dictionary< T, S > *source*, System.Collections.Generic.Dictionary< T, S > *collection*) [static]

Extension method for dictionaries. Adds a dictionary to an existing one.

Parameters

source	Dictionary-instance.
collection	Dictionary to add.

5.29.2.2 static bool Crosstales.ExtensionMethods.CTContains (this string *str,* string *toCheck,* System.StringComparison *comp =* `System.StringComparison.OrdinalIgnoreCase`) [static]

Extension method for strings. Case insensitive 'Contains'.

Parameters

str	String-instance.
toCheck	String to check.
comp	StringComparison-method (default: StringComparison.OrdinalIgnoreCase, optional)

Returns

True if the string contains the given string.

5.29.2.3 static bool Crosstales.ExtensionMethods.CTContainsAll (this string *str,* string *searchTerms,* char *splitChar =* ' ') [static]

Extension method for strings. Contains all given strings.

Parameters

str	String-instance.
searchTerms	Search terms separated by the given split-character.
splitChar	Split-character (default: ' ', optional)

Returns

True if the string contains all parts of the given string.

5.29.2.4 static bool Crosstales.ExtensionMethods.CTContainsAny (this string *str,* string *searchTerms,* char *splitChar =* ' ') [static]

Extension method for strings. Contains any given string.

Parameters

str	String-instance.
searchTerms	Search terms separated by the given split-character.
splitChar	Split-character (default: ' ', optional)

Returns

True if the string contains any parts of the given string.

5.29.2.5 static string Crosstales.ExtensionMethods.CTDump< T >(this T[] *array*) [static]

Extension method for Arrays. Dumps an array to a string.

Parameters

array	Array-instance to dump.

Returns

String with lines for all array entries.

5.29.2.6 static string Crosstales.ExtensionMethods.CTDump< T >(this System.Collections.Generic.List< T > *list*) [static]

Extension method for Lists. Dumps a list to a string.

Parameters

list	List-instance to dump.

Returns

String with lines for all list entries.

5.29.2.7 static bool Crosstales.ExtensionMethods.CTEquals (this string *str,* string *toCheck,* System.StringComparison *comp* = System.StringComparison.OrdinalIgnoreCase) [static]

Extension method for strings. Case insensitive 'Equals'.

Parameters

str	String-instance.
toCheck	String to check.
comp	StringComparison-method (default: StringComparison.OrdinalIgnoreCase, optional)

Returns

True if the string contains the given string.

5.29.2.8 static string Crosstales.ExtensionMethods.CTReplace (this string *str,* string *oldString,* string *newString,* System.StringComparison *comp* = System.StringComparison.OrdinalIgnoreCase) [static]

Extension method for strings. Case insensitive 'Replace'.

Parameters

str	String-instance.
oldString	String to replace.
newString	New replacement string.
comp	StringComparison-method (default: StringComparison.OrdinalIgnoreCase, optional)

Returns

Replaced string.

5.29.2.9 static void Crosstales.ExtensionMethods.CTShuffle< T > (this T[ ] *array*) [static]

Extension method for Arrays. Shuffles an Array.

Parameters

array	Array-instance to shuffle.

5.29.2.10 static void Crosstales.ExtensionMethods.CTShuffle< T > (this System.Collections.Generic.IList< T > *list*) [static]

Extension method for Lists. Shuffles a List.

Parameters

list	List-instance to shuffle.

5.29.2.11 static string [ ] Crosstales.ExtensionMethods.CTToString< T > (this T[ ] *array*) [static]

Extension method for Arrays. Generates a string array with all entries (via ToString).

Parameters

array	Array-instance to ToString.

Returns

String array with all entries (via ToString).

5.29.2.12 static System.Collections.Generic.List<string> Crosstales.ExtensionMethods.CTToString< T > (this System.Collections.Generic.List< T > *list*) [static]

Extension method for Lists. Generates a string list with all entries (via ToString).

Parameters

list	List-instance to ToString.

Returns

String list with all entries (via ToString).

5.29.2.13 static string Crosstales.ExtensionMethods.CTToTitleCase (this string *str*) [static]

Extension method for strings. Converts a string to title case (first letter uppercase).

Parameters

str	String-instance.

Returns

Converted string in title case.

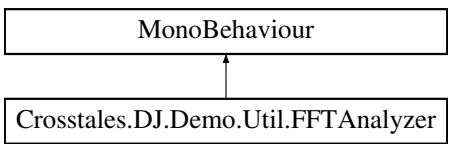
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/ExtensionMethods.cs

5.30 Crosstales.DJ.Demo.Util.FFTAnalyzer Class Reference

FFT analyzer for an audio channel.

Inheritance diagram for Crosstales.DJ.Demo.Util.FFTAnalyzer:



Public Member Functions

- void **Update** ()

Public Attributes

- float[ ] **Samples** = new float[256]
- int **Channel** = 0
- FFTWindow **FFTMode** = FFTWindow.BlackmanHarris

5.30.1 Detailed Description

FFT analyzer for an audio channel.

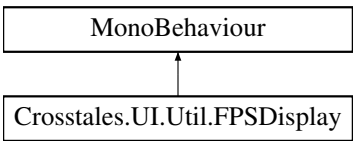
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/FFTAnalyzer.cs

5.31 Crosstales.UI.Util.FPSDisplay Class Reference

Simple FPS-Counter.

Inheritance diagram for Crosstales.UI.Util.FPSDisplay:



Public Member Functions

- void **Update** ()

Public Attributes

- Text **FPS**

5.31.1 Detailed Description

Simple FPS-Counter.

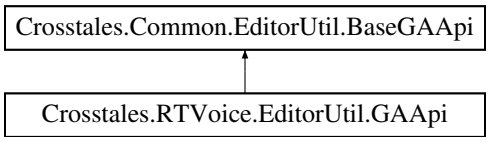
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/Util/FPSDisplay.cs

5.32 Crosstales.RTVoice.EditorUtil.GAApi Class Reference

GA-wrapper API.

Inheritance diagram for Crosstales.RTVoice.EditorUtil.GAApi:



Static Public Member Functions

- static void Event (string category, string action, string label="", int value=0)

  Tracks an event from the asset.

5.32.1 Detailed Description

GA-wrapper API.

5.32.2 Member Function Documentation

5.32.2.1 static void Crosstales.RTVoice.EditorUtil.GAApi.Event (string *category*, string *action*, string *label* = " ", int *value* = 0) [static]

Tracks an event from the asset.

Parameters

category	Specifies the event category.
action	Specifies the event action.
label	Specifies the event label.
value	Specifies the event value.

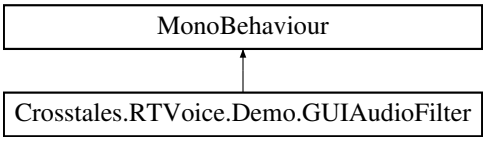
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Util/GAApi.cs

5.33 Crosstales.RTVoice.Demo.GUIAudioFilter Class Reference

Simple GUI for audio filters.

Inheritance diagram for Crosstales.RTVoice.Demo.GUIAudioFilter:



Public Member Functions

- void **Start** ()
- void **ResetFilters** ()
- void **ReverbFilterDropdownChanged** (System.Int32 index)
- void **ChorusFilterEnabled** (bool enabled)
- void **EchoFilterEnabled** (bool enabled)
- void **DistortionFilterEnabled** (bool enabled)
- void **DistortionFilterChanged** (float value)
- void **LowPassFilterEnabled** (bool enabled)
- void **LowPassFilterChanged** (float value)
- void **HighPassFilterEnabled** (bool enabled)
- void **HighPassFilterChanged** (float value)
- void **VolumeChanged** (float value)
- void **PitchChanged** (float value)

Public Attributes

- AudioSource **Source**
- AudioReverbFilter **ReverbFilter**
- AudioChorusFilter **ChorusFilter**
- AudioEchoFilter **EchoFilter**
- AudioDistortionFilter **DistortionFilter**
- AudioLowPassFilter **LowPassFilter**
- AudioHighPassFilter **HighPassFilter**
- Text **Distortion**
- Text **Lowpass**
- Text **Highpass**
- Text **Volume**
- Text **Pitch**
- Dropdown **ReverbFilterDropdown**

5.33.1 Detailed Description

Simple GUI for audio filters.

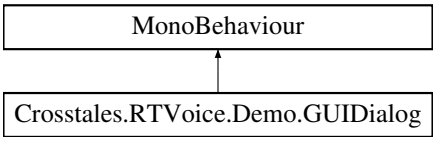
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/GUIAudioFilter.cs

5.34 Crosstales.RTVoice.Demo.GUIDialog Class Reference

Simple GUI for runtime dialogs with all available OS voices.

Inheritance diagram for Crosstales.RTVoice.Demo.GUIDialog:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **StartDialog** ()
- void **Silence** ()
- void **ChangeRateA** (float value)
- void **ChangeRateB** (float value)
- void **ChangePitchA** (float value)
- void **ChangePitchB** (float value)
- void **ChangeVolumeA** (float value)
- void **ChangeVolumeB** (float value)

Public Attributes

- Dialog **DialogScript**
- Color32 **SpeakerColor** = new Color32(0, 255, 0, 192)
- Image **PanelPersonA**
- Image **PanelPersonB**
- Text **PersonA**
- Text **PersonB**

5.34.1 Detailed Description

Simple GUI for runtime dialogs with all available OS voices.

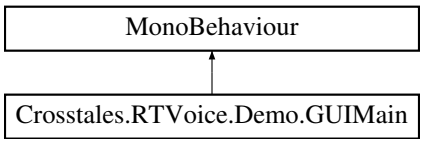
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/GUIDialog.cs

5.35 Crosstales.RTVoice.Demo.GUIMain Class Reference

Main GUI component for all demo scenes.

Inheritance diagram for Crosstales.RTVoice.Demo.GUIMain:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **OnDestroy** ()
- void **OpenAssetURL** ()
- void **OpenCTURL** ()
- void **Silence** ()
- void **Quit** ()

Public Attributes

- Text **Name**
- Text **Version**
- Text **Scene**
- GameObject **NoVoices**
- Text **Errors**

5.35.1 Detailed Description

Main GUI component for all demo scenes.

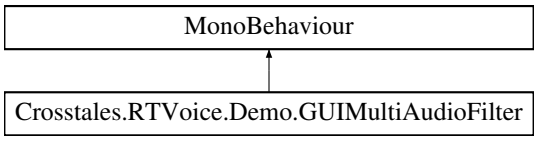
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/GUIMain.cs

5.36 Crosstales.RTVoice.Demo.GUIMultiAudioFilter Class Reference

Simple GUI for audio filters on multiple objects.

Inheritance diagram for Crosstales.RTVoice.Demo.GUIMultiAudioFilter:



Public Member Functions

- void **Start** ()
- void **ResetFilters** ()
- void **ClearFilters** ()
- void **ReverbFilterDropdownChanged** (System.Int32 index)
- void **ChorusFilterEnabled** (bool enabled)
- void **EchoFilterEnabled** (bool enabled)
- void **DistortionFilterEnabled** (bool enabled)
- void **DistortionFilterChanged** (float value)
- void **LowPassFilterEnabled** (bool enabled)
- void **LowPassFilterChanged** (float value)
- void **HighPassFilterEnabled** (bool enabled)
- void **HighPassFilterChanged** (float value)
- void **VolumeChanged** (float value)
- void **PitchChanged** (float value)

Public Attributes

- System.Collections.Generic.List< AudioSource > **Sources** = new System.Collections.Generic.List<Audio↩ Source>()
- System.Collections.Generic.List< AudioReverbFilter > **ReverbFilters** = new System.Collections.Generic.↩ List<AudioReverbFilter>()
- System.Collections.Generic.List< AudioChorusFilter > **ChorusFilters** = new System.Collections.Generic.↩ List<AudioChorusFilter>()
- System.Collections.Generic.List< AudioEchoFilter > **EchoFilters** = new System.Collections.Generic.↩ List<AudioEchoFilter>()
- System.Collections.Generic.List< AudioDistortionFilter > **DistortionFilters** = new System.Collections.↩ Generic.List<AudioDistortionFilter>()
- System.Collections.Generic.List< AudioLowPassFilter > **LowPassFilters** = new System.Collections.↩ Generic.List<AudioLowPassFilter>()
- System.Collections.Generic.List< AudioHighPassFilter > **HighPassFilters** = new System.Collections.↩ Generic.List<AudioHighPassFilter>()
- Text **Distortion**
- Text **Lowpass**
- Text **Highpass**
- Text **Volume**
- Text **Pitch**
- Dropdown **ReverbFilterDropdown**

5.36.1 Detailed Description

Simple GUI for audio filters on multiple objects.

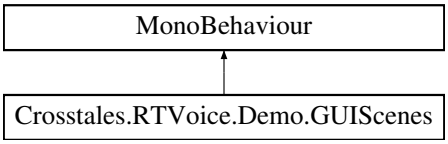
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/GUIMultiAudioFilter.cs

5.37 Crosstales.RTVoice.Demo.GUIScenes Class Reference

Main GUI scene manager for all demo scenes.

Inheritance diagram for Crosstales.RTVoice.Demo.GUIScenes:



Public Member Functions

- void **LoadPrevoiusScene** ()
- void **LoadNextScene** ()

Public Attributes

- string **PreviousScene**
- string **NextScene**

5.37.1 Detailed Description

Main GUI scene manager for all demo scenes.

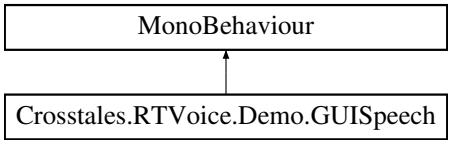
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/GUIScenes.cs

5.38 Crosstales.RTVoice.Demo.GUISpeech Class Reference

Simple GUI for runtime TTS with all available OS voices.

Inheritance diagram for Crosstales.RTVoice.Demo.GUISpeech:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **OnDestroy** ()
- void **Silence** ()
- void **ChangeRate** (float rate)
- void **ChangeVolume** (float volume)
- void **ChangePitch** (float pitch)
- void **ChangeNative** (bool native)
- void **ChangeMaryTTS** (bool maryTTS)

Public Attributes

- bool **StartAsNative** = false
- GUIMultiAudioFilter **AudioFilter**
- GameObject **ItemPrefab**
- GameObject **Target**
- Scrollbar **Scroll**
- int **ColumnCount** = 1
- Vector2 **SpaceWidth** = new Vector2(8, 8)
- Vector2 **SpaceHeight** = new Vector2(8, 8)
- InputField **Input**
- InputField **Culture**
- Text **Cultures**
- Toggle **MaryToogle**
- Text **Voices**

Static Public Attributes

- static float **Rate** = 1f
- static float **Pitch** = 1f
- static float **Volume** = 1f
- static bool **isNative** = false

5.38.1 Detailed Description

Simple GUI for runtime TTS with all available OS voices.

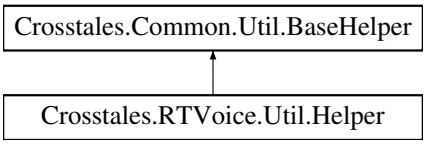
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/GUISpeech.cs

5.39 Crosstales.RTVoice.Util.Helper Class Reference

Various helper functions.

Inheritance diagram for Crosstales.RTVoice.Util.Helper:



Static Public Member Functions

- static Model.Enum.Gender StringToGender (string gender)

  Converts a string to a Gender.
- static Model.Enum.Gender AppleVoiceNameToGender (string voiceName)

  Converts an Apple voice name to a Gender.
- static Model.Enum.Gender WSAVoiceNameToGender (string voiceName)

  Converts an WSA voice name to a Gender.
- static string CleanText (string text, bool removeTags=true, bool clearSpaces=true, bool clearLine↩ Endings=true)

  Cleans a given text to contain only letters or digits.
- static string MarkSpokenText (string[] speechTextArray, int wordIndex, bool markAllSpokenWords=false, string markPrefix="<color=green>", string markPostfix="</color>")

  Marks the current word or all spoken words from a given text array.

Properties

- static bool hasBuiltInTTS `[get]`

  Checks if the current platform has built-in TTS.
- static Model.Enum.ProviderType CurrentProviderType `[get]`

  The current provider type.

5.39.1 Detailed Description

Various helper functions.

5.39.2 Member Function Documentation

5.39.2.1 static Model.Enum.Gender Crosstales.RTVoice.Util.Helper.AppleVoiceNameToGender (string *voiceName*) `[static]`

Converts an Apple voice name to a Gender.

Parameters

voiceName	Voice name.

Returns

Gender from the given Apple voice name.

5.39.2.2 static string Crosstales.RTVoice.Util.Helper.CleanText (string *text*, bool *removeTags* = `true`, bool *clearSpaces* = `true`, bool *clearLineEndings* = `true`) [static]

Cleans a given text to contain only letters or digits.

Parameters

text	Text to clean.
removeTags	Removes tags from text (default: true, optional).
clearSpaces	Clears multiple spaces from text (default: true, optional).
clearLineEndings	Clears line endings from text (default: true, optional).

Returns

Clean text with only letters and digits.

5.39.2.3 static string Crosstales.RTVoice.Util.Helper.MarkSpokenText (string[ ] *speechTextArray*, int *wordIndex*, bool *markAllSpokenWords* = `false`, string *markPrefix* = `"<color=green><b>"`, string *markPostfix* = `"</b></color>"`) [static]

Marks the current word or all spoken words from a given text array.

Parameters

speechTextArray	Array with all text fragments
wordIndex	Current word index
markAllSpokenWords	Mark the spoken words (default: false, optional)
markPrefix	Prefix for every marked word (default: green, optional)
markPostfix	Postfix for every marked word (default: green, optional)

Returns

Marked current word or all spoken words.

5.39.2.4 static Model.Enum.Gender Crosstales.RTVoice.Util.Helper.StringToGender (string *gender*) [static]

Converts a string to a Gender.

Parameters

gender	Gender as text.

Returns

Gender from the given string.

5.39.2.5 static Model.Enum.Gender Crosstales.RTVoice.Util.Helper.WSAVoiceNameToGender (string *voiceName*) [static]

Converts an WSA voice name to a Gender.

Parameters

voiceName	Voice name.

Returns

Gender from the given WSA voice name.

5.39.3 Property Documentation

5.39.3.1 Model.Enum.ProviderType Crosstales.RTVoice.Util.Helper.CurrentProviderType [static],[get]

The current provider type.

Returns

Current provider type.

5.39.3.2 bool Crosstales.RTVoice.Util.Helper.hasBuiltInTTS [static],[get]

Checks if the current platform has built-in TTS.

Returns

True if the current platform has built-in TTS.

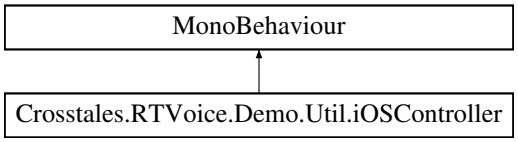
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Util/Helper.cs

5.40 Crosstales.RTVoice.Demo.Util.iOSController Class Reference

Enables MaryTTS on iOS for specific scenes.

Inheritance diagram for Crosstales.RTVoice.Demo.Util.iOSController:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()

5.40.1 Detailed Description

Enables MaryTTS on iOS for specific scenes.

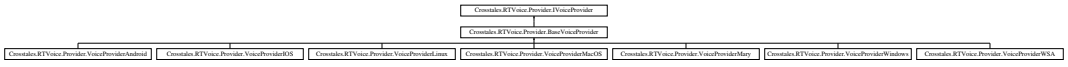
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/Util/iOSController.cs

5.41 Crosstales.RTVoice.Provider.IVoiceProvider Interface Reference

Interface for all voice providers.

Inheritance diagram for Crosstales.RTVoice.Provider.IVoiceProvider:



Public Member Functions

- void Silence ()

  Silence all active TTS-providers.
- void Silence (string uid)

  Silence the current TTS-provider (native mode).
- IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.

Properties

- string AudioFileExtension [get]

  Returns the extension of the generated audio files.
- System.Collections.Generic.List< Model.Voice > Voices [get]

  Get all available voices from the current TTS-provider and fills it into a given list.

5.41.1 Detailed Description

Interface for all voice providers.

5.41.2 Member Function Documentation

5.41.2.1 IEnumerator Crosstales.RTVoice.Provider.IVoiceProvider.Generate (Model.Wrapper *wrapper*)

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implemented in Crosstales.RTVoice.Provider.VoiceProviderLinux, Crosstales.RTVoice.Provider.VoiceProviderWindows, Crosstales.RTVoice.Provider.VoiceProviderMacOS, Crosstales.RTVoice.Provider.VoiceProviderAndroid, Crosstales.RTVoice.Provider.VoiceProviderIOS, Crosstales.RTVoice.Provider.BaseVoiceProvider, Crosstales.RTVoice.Provider.VoiceProviderMary, and Crosstales.RTVoice.Provider.VoiceProviderWSA.

5.41.2.2 void Crosstales.RTVoice.Provider.IVoiceProvider.Silence ( )

Silence all active TTS-providers.

Implemented in Crosstales.RTVoice.Provider.VoiceProviderAndroid, Crosstales.RTVoice.Provider.VoiceProviderIOS, Crosstales.RTVoice.Provider.VoiceProviderMary, Crosstales.RTVoice.Provider.BaseVoiceProvider, and Crosstales.RTVoice.Provider.VoiceProviderWSA.

5.41.2.3 void Crosstales.RTVoice.Provider.IVoiceProvider.Silence (string *uid*)

Silence the current TTS-provider (native mode).

Parameters

uid	UID of the speaker

Implemented in Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.41.2.4 IEnumerator Crosstales.RTVoice.Provider.IVoiceProvider.Speak (Model.Wrapper *wrapper*)

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implemented in Crosstales.RTVoice.Provider.VoiceProviderLinux, Crosstales.RTVoice.Provider.VoiceProviderIOS, Crosstales.RTVoice.Provider.VoiceProviderWindows, Crosstales.RTVoice.Provider.BaseVoiceProvider, Crosstales.RTVoice.Provider.VoiceProviderMacOS, Crosstales.RTVoice.Provider.VoiceProviderAndroid, Crosstales.RTVoice.Provider.VoiceProviderMary, and Crosstales.RTVoice.Provider.VoiceProviderWSA.

5.41.2.5 IEnumerator Crosstales.RTVoice.Provider.IVoiceProvider.SpeakNative (Model.Wrapper *wrapper*)

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implemented in Crosstales.RTVoice.Provider.VoiceProviderIOS, Crosstales.RTVoice.Provider.BaseVoiceProvider, Crosstales.RTVoice.Provider.VoiceProviderLinux, Crosstales.RTVoice.Provider.VoiceProviderMary, Crosstales.RTVoice.Provider.VoiceProviderWindows, Crosstales.RTVoice.Provider.VoiceProviderWSA, Crosstales.RTVoice.Provider.VoiceProviderAndroid, and Crosstales.RTVoice.Provider.VoiceProviderMacOS.

5.41.3 Property Documentation

5.41.3.1 string Crosstales.RTVoice.Provider.IVoiceProvider.AudioFileExtension [get]

Returns the extension of the generated audio files.

Returns

Extension of the generated audio files.

5.41.3.2 System.Collections.Generic.List<Model.Voice> Crosstales.RTVoice.Provider.IVoiceProvider.Voices [get]

Get all available voices from the current TTS-provider and fills it into a given list.

Returns

All available voices from the current TTS-provider as list.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Scripts/Provider/IVoiceProvider.cs

5.42 Crosstales.RTVoice.EditorTask.Launch Class Reference

Show the configuration window on the first launch.

5.42.1 Detailed Description

Show the configuration window on the first launch.

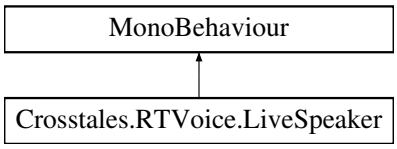
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Task/Launch.cs

5.43 Crosstales.RTVoice.LiveSpeaker Class Reference

Wrapper of the main component from RTVoice for MonoBehaviour-access (like "SendMessage").

Inheritance diagram for Crosstales.RTVoice.LiveSpeaker:



Public Member Functions

- void SpeakNative (Model.Wrapper wrapper)

  Speaks a text with a given wrapper -> native mode.
- void SpeakNative (string args)

  Speaks a text with a given array of arguments (native mode).
- void SpeakNative (string[ ] args)

  Speaks a text with a given array of arguments (native mode).
- void Speak (Model.Wrapper wrapper)

  Speaks a text with a given wrapper.
- void Speak (string args)

  Speaks a text with a given array of arguments.
- void Speak (string[ ] args)

  Speaks a text with a given array of arguments.
- void Silence ()

  Silence all active TTS-voices.
- void SetVoices (string voices)

  Sets all voices from iOS.
- void WordSpoken (string word)

  The current spoken word from iOS.
- void SetState (string state)

  Sets the state from iOS.

5.43.1 Detailed Description

Wrapper of the main component from RTVoice for MonoBehaviour-access (like "SendMessage").

5.43.2 Member Function Documentation

5.43.2.1 void Crosstales.RTVoice.LiveSpeaker.SetState (string *state*)

Sets the state from iOS.

Parameters

voices	State from iOS.</param

5.43.2.2 void Crosstales.RTVoice.LiveSpeaker.SetVoices (string *voices*)

Sets all voices from iOS.

Parameters

voices	All voices from iOS.</param

5.43.2.3 void Crosstales.RTVoice.LiveSpeaker.Silence ( )

Silence all active TTS-voices.

5.43.2.4 void Crosstales.RTVoice.LiveSpeaker.Speak (Model.Wrapper *wrapper*)

Speaks a text with a given wrapper.

Parameters

wrapper	Wrapper with the speech details.

5.43.2.5 void Crosstales.RTVoice.LiveSpeaker.Speak (string *args*)

Speaks a text with a given array of arguments.

Important: you can't specify the AudioSource with this method!

Parameters

args	Argument string delimited by ';': 0 = text, 1 = culture (optional), 2 = voiceName (optional), 3 = rate (optional), 4 = volume (optional), 5 = pitch (optional).

5.43.2.6 void Crosstales.RTVoice.LiveSpeaker.Speak (string[ ] *args*)

Speaks a text with a given array of arguments.

Important: you can't specify the AudioSource with this method!

Parameters

args	Argument index: 0 = text, 1 = culture (optional), 2 = voiceName (optional), 3 = rate (optional), 4 = pitch (optional), 5 = volume (optional).

5.43.2.7 void Crosstales.RTVoice.LiveSpeaker.SpeakNative (**Model.Wrapper** *wrapper*)

Speaks a text with a given wrapper -> native mode.

Parameters

wrapper	Wrapper with the speech details.

5.43.2.8 void Crosstales.RTVoice.LiveSpeaker.SpeakNative (string *args*)

Speaks a text with a given array of arguments (native mode).

Parameters

args	Argument string delimited by ';': 0 = text, 1 = culture (optional), 2 = voiceName (optional), 3 = rate (optional), 4 = volume (optional), 5 = pitch (optional).

5.43.2.9 void Crosstales.RTVoice.LiveSpeaker.SpeakNative (string[ ] *args*)

Speaks a text with a given array of arguments (native mode).

Parameters

args	Argument index: 0 = text, 1 = culture (optional), 2 = voiceName (optional), 3 = rate (optional), 4 = pitch (optional), 5 = volume (optional).

5.43.2.10 void Crosstales.RTVoice.LiveSpeaker.WordSpoken (string *word*)

The current spoken word from iOS.

Parameters

voices	Current spoken word from iOS.</param

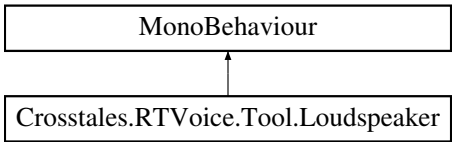
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/LiveSpeaker.cs

5.44 Crosstales.RTVoice.Tool.Loudspeaker Class Reference

Loudspeaker for an AudioSource.

Inheritance diagram for Crosstales.RTVoice.Tool.Loudspeaker:



Public Member Functions

- void **Awake** ()
- void **Start** ()
- void **Update** ()
- void **FixedUpdate** ()
- void **OnDisable** ()

Public Attributes

- AudioSource Source

  Origin AudioSource.
- bool Synchronized = false

  Synchronize with the origin (default: false).
- bool SilenceSource = true

  Silence the origin (default: true).

Properties

- bool isSynchronized `[get, set]`

  Synchronize with the origin (main use is for UI).
- bool isSilenceSource `[get, set]`

  Silence the origin (main use is for UI).

5.44.1 Detailed Description

Loudspeaker for an AudioSource.

5.44.2 Member Data Documentation

5.44.2.1 bool Crosstales.RTVoice.Tool.Loudspeaker.SilenceSource = true

Silence the origin (default: true).

5.44.2.2 AudioSource Crosstales.RTVoice.Tool.Loudspeaker.Source

Origin AudioSource.

5.44.2.3 bool Crosstales.RTVoice.Tool.Loudspeaker.Synchronized = false

Synchronize with the origin (default: false).

5.44.3 Property Documentation

5.44.3.1 bool Crosstales.RTVoice.Tool.Loudspeaker.isSilenceSource [get], [set]

Silence the origin (main use is for UI).

5.44.3.2 bool Crosstales.RTVoice.Tool.Loudspeaker.isSynchronized [get], [set]

Synchronize with the origin (main use is for UI).

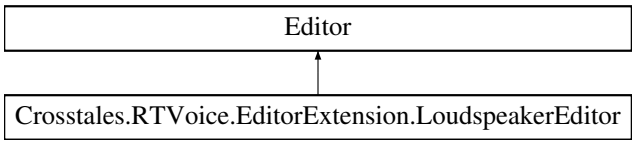
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Scripts/Tool/Loudspeaker.cs

5.45 Crosstales.RTVoice.EditorExtension.LoudspeakerEditor Class Reference

Custom editor for the 'Loudspeaker'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.LoudspeakerEditor:



Public Member Functions

- void **OnEnable** ()
- override void **OnInspectorGUI** ()

5.45.1 Detailed Description

Custom editor for the 'Loudspeaker'-class.

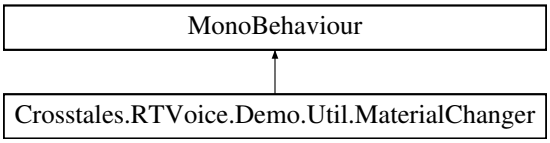
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Extension/LoudspeakerEditor.cs

5.46 Crosstales.RTVoice.Demo.Util.MaterialChanger Class Reference

Changes the material of a renderer while an AudioSource is playing.

Inheritance diagram for Crosstales.RTVoice.Demo.Util.MaterialChanger:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- AudioSource **Source**
- Material **ActiveMaterial**

5.46.1 Detailed Description

Changes the material of a renderer while an AudioSource is playing.

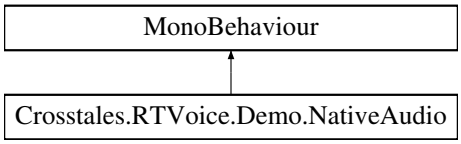
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/Util/MaterialChanger.cs

5.47 Crosstales.RTVoice.Demo.NativeAudio Class Reference

Simple example with native audio for exact timing.

Inheritance diagram for Crosstales.RTVoice.Demo.NativeAudio:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **StartTTS** ()
- void **Silence** ()

Public Attributes

- string **SpeechText** = "This is an example with native audio for exact timing (e.g. animations)."
- bool **PlayOnStart** = false
- float **Delay** = 1f

5.47.1 Detailed Description

Simple example with native audio for exact timing.

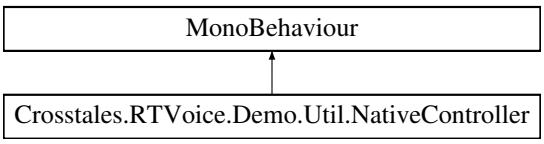
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/NativeAudio.cs

5.48 Crosstales.RTVoice.Demo.Util.NativeController Class Reference

Enables or disable game objects for native mode.

Inheritance diagram for Crosstales.RTVoice.Demo.Util.NativeController:



Public Member Functions

- void **Update** ()

Public Attributes

- bool Active = true

  Enable or disable the 'Objects' for native mode (default: true).
- GameObject[ ] Objects

  Selected objects for the controller.

5.48.1 Detailed Description

Enables or disable game objects for native mode.

5.48.2 Member Data Documentation

5.48.2.1 bool Crosstales.RTVoice.Demo.Util.NativeController.Active = true

Enable or disable the 'Objects' for native mode (default: true).

5.48.2.2 GameObject [ ] Crosstales.RTVoice.Demo.Util.NativeController.Objects

Selected objects for the controller.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/Util/NativeController.cs

5.49 Crosstales.Common.EditorTask.NYCheck Class Reference

Checks if a 'Happy new year'-message must be displayed.

5.49.1 Detailed Description

Checks if a 'Happy new year'-message must be displayed.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Editor/Task/NYCheck.cs

5.50 Crosstales.Common.EditorTask.OCCheck Class Reference

Checks if 'Online Check' is installed.

5.50.1 Detailed Description

Checks if 'Online Check' is installed.

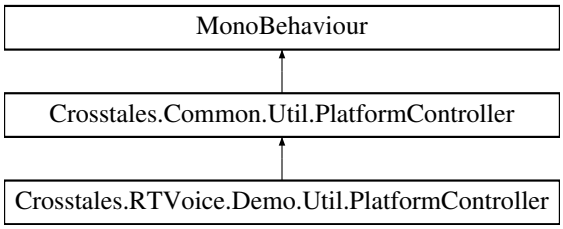
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Editor/Task/OCCheck.cs

5.51 Crosstales.RTVoice.Demo.Util.PlatformController Class Reference

Enables or disable game objects for a given platform.

Inheritance diagram for Crosstales.RTVoice.Demo.Util.PlatformController:



Public Member Functions

- override void **Start** ()
- void **OnDestroy** ()

Additional Inherited Members

5.51.1 Detailed Description

Enables or disable game objects for a given platform.

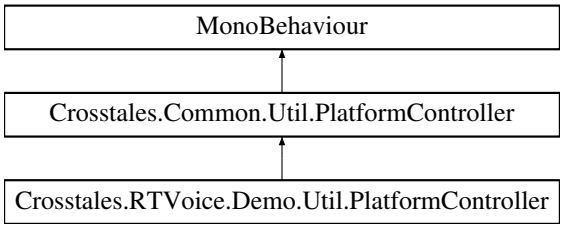
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/Util/PlatformController.cs

5.52 Crosstales.Common.Util.PlatformController Class Reference

Enables or disable game objects for a given platform.

Inheritance diagram for Crosstales.Common.Util.PlatformController:



Public Member Functions

- virtual void **Start** ()

Public Attributes

- System.Collections.Generic.List< Model.Enum.Platform > Platforms

  Selected platforms for the controller.
- bool **Active** = true
- GameObject[ ] Objects

  Selected objects for the controller.

Protected Member Functions

- void **selectPlatform** ()
- void **activateGO** ()

Protected Attributes

- Model.Enum.Platform **currentPlatform**

5.52.1 Detailed Description

Enables or disable game objects for a given platform.

5.52.2 Member Data Documentation

5.52.2.1 GameObject [ ] Crosstales.Common.Util.PlatformController.Objects

Selected objects for the controller.

5.52.2.2 System.Collections.Generic.List<Model.Enum.Platform> Crosstales.Common.Util.PlatformController.Platforms

Selected platforms for the controller.

summary>Enable or disable the 'Objects' for the selected 'Platforms' (default: true).

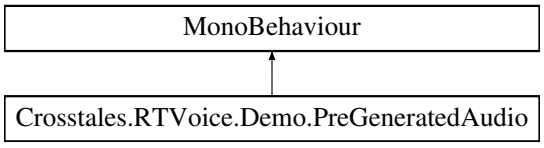
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/PlatformController.cs

5.53 Crosstales.RTVoice.Demo.PreGeneratedAudio Class Reference

Simple example with pre-generated audio for exact timing.

Inheritance diagram for Crosstales.RTVoice.Demo.PreGeneratedAudio:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **OnDestroy** ()
- void **Play** ()
- void **Silence** ()
- void **Stop** ()

Public Attributes

- string **SpeechText** = "This is an example with pre-generated audio for exact timing (e.g. animations)."
- bool **PlayOnStart** = false

5.53.1 Detailed Description

Simple example with pre-generated audio for exact timing.

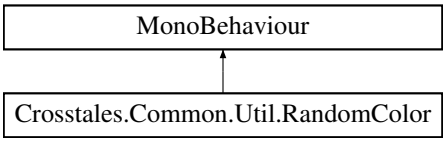
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/PreGeneratedAudio.cs

5.54 Crosstales.Common.Util.RandomColor Class Reference

Random color changer.

Inheritance diagram for Crosstales.Common.Util.RandomColor:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- Vector2 **ChangeInterval** = new Vector2(5, 15)
- float **Saturation** = 1f
- float **Value** = 1f
- float **Opacity** = 1f
- bool **ChangeMaterial** = false
- Material **Material**
- Vector2 **ColorRange** = new Vector2(0f, 360f)
- bool **GrayScale** = false

5.54.1 Detailed Description

Random color changer.

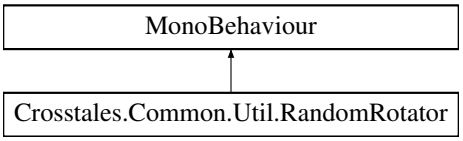
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/RandomColor.cs

5.55 Crosstales.Common.Util.RandomRotator Class Reference

Random rotation changer.

Inheritance diagram for Crosstales.Common.Util.RandomRotator:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- Vector3 **Speed** = new Vector3(15, 15, 15)
- Vector2 **ChangeInterval** = new Vector2(10, 20)

5.55.1 Detailed Description

Random rotation changer.

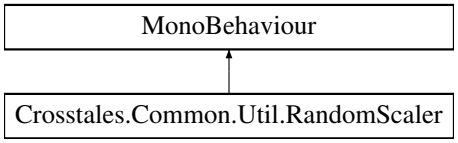
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/RandomRotator.cs

5.56 Crosstales.Common.Util.RandomScaler Class Reference

Random scale changer.

Inheritance diagram for Crosstales.Common.Util.RandomScaler:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- Vector3 **ScaleMin** = new Vector3(0.1f, 0.1f, 0.1f)
- Vector3 **ScaleMax** = new Vector3(3, 3, 3)
- bool **Uniform** = true
- Vector2 **ChangeInterval** = new Vector2(5, 15)

5.56.1 Detailed Description

Random scale changer.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/RandomScaler.cs

5.57 Crosstales.RTVoice.EditorTask.ReminderCheck Class Reference

Reminds the customer to create an UAS review.

5.57.1 Detailed Description

Reminds the customer to create an UAS review.

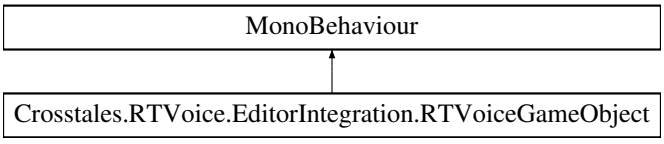
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Task/ReminderCheck.cs

5.58 Crosstales.RTVoice.EditorIntegration.RTVoiceGameObject Class Reference

Editor component for the "Hierarchy"-menu.

Inheritance diagram for Crosstales.RTVoice.EditorIntegration.RTVoiceGameObject:



5.58.1 Detailed Description

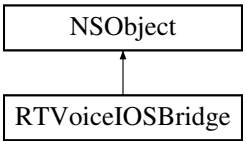
Editor component for the "Hierarchy"-menu.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Integration/RTVoiceGameObject.cs

5.59 RTVoiceIOSBridge Class Reference

Inheritance diagram for RTVoiceIOSBridge:



Instance Methods

- (void) - setVoices
- (void) - speak:text:rate:pitch:volume:
- (void) - stop

5.59.1 Method Documentation

5.59.1.1 - (void) setVoices

Collects and sends all voices to RTVoice.

5.59.1.2 - (void) speak: (NSString ∗) *name* text:(NSString ∗) *text* rate:(float) *rate* pitch:(float) *pitch* volume:(float) *volume*

Speaks the string with a given rate, pitch, volume and culture.

Parameters

name	Name of the voice to speak
text	Text to speak
rate	Speech rate of the speaker in percent
pitch	Pitch of the speech in percent
volume	Volume of the speaker in percent

5.59.1.3 - (void) stop

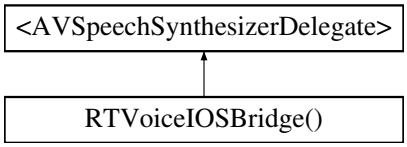
Stops speaking

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Wrapper/iOS/RTVoiceIOSBridge.h
- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Wrapper/iOS/RTVoiceIOSBridge.mm

5.60 RTVoiceIOSBridge() Category Reference

Inheritance diagram for RTVoiceIOSBridge():



Properties

- AVSpeechSynthesizer ∗ **synthesizer**

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Wrapper/iOS/RTVoiceIOSBridge.mm

5.61 Crosstales.RTVoice.EditorIntegration.RTVoiceMenu Class Reference

Editor component for the "Tools"-menu.

5.61.1 Detailed Description

Editor component for the "Tools"-menu.

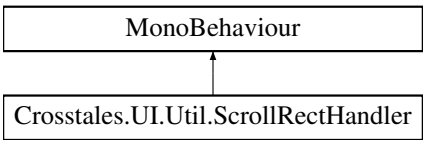
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Integration/RTVoiceMenu.cs

5.62 Crosstales.UI.Util.ScrollRectHandler Class Reference

Changes the sensitivity of ScrollRects under various platforms.

Inheritance diagram for Crosstales.UI.Util.ScrollRectHandler:



Public Member Functions

- void **Start** ()

Public Attributes

- ScrollRect **Scroll**

5.62.1 Detailed Description

Changes the sensitivity of ScrollRects under various platforms.

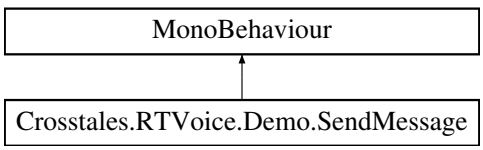
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/Util/ScrollRectHandler.cs

5.63 Crosstales.RTVoice.Demo.SendMessage Class Reference

Simple "SendMessage" example.

Inheritance diagram for Crosstales.RTVoice.Demo.SendMessage:



Public Member Functions

- void **Start** ()
- void **Play** ()
- void **SpeakerA** ()
- IEnumerator **SpeakerB** ()
- void **Silence** ()

Public Attributes

- string **TextA** = "RT-Voice works great with PlayMaker, SALSA, Localized Dialogs/Cutscenes, Dialogue System for Unity and THE Dialogue Engine - that's awesome!"
- string **TextB** = "Absolutely true! RT-Voice is fantastic."
- float **DelayTextB** = 12.2f
- bool **PlayOnStart** = false

5.63.1 Detailed Description

Simple "SendMessage" example.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/SendMessage.cs

5.64 Crosstales.RTVoice.Model.Sequence Class Reference

Model for a sequence.

Public Member Functions

- override string **ToString** ()

Public Attributes

- string Text = string.Empty

  Text to speak.
- Model.VoiceAlias Voices

  Voices for the speech.
- Enum.SpeakMode Mode = Enum.SpeakMode.Speak

  Speak mode (default: 'Speak').
- AudioSource Source

  AudioSource for the output (optional).
- float Rate = 1f

  Speech rate of the speaker in percent (1 = 100%, default: 1, optional).
- float Pitch = 1f

  Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).
- float Volume = 1f

  Volume of the speaker in percent (1 = 100%, default: 1, optional, Windows only).
- bool **initalized** = false

5.64.1 Detailed Description

Model for a sequence.

5.64.2 Member Data Documentation

5.64.2.1 Enum.SpeakMode Crosstales.RTVoice.Model.Sequence.Mode = Enum.SpeakMode.Speak

Speak mode (default: 'Speak').

5.64.2.2 float Crosstales.RTVoice.Model.Sequence.Pitch = 1f

Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).

5.64.2.3 float Crosstales.RTVoice.Model.Sequence.Rate = 1f

Speech rate of the speaker in percent (1 = 100%, default: 1, optional).

5.64.2.4 AudioSource Crosstales.RTVoice.Model.Sequence.Source

AudioSource for the output (optional).

5.64.2.5 string Crosstales.RTVoice.Model.Sequence.Text = string.Empty

Text to speak.

5.64.2.6 Model.VoiceAlias Crosstales.RTVoice.Model.Sequence.Voices

Voices for the speech.

5.64.2.7 float Crosstales.RTVoice.Model.Sequence.Volume = 1f

Volume of the speaker in percent (1 = 100%, default: 1, optional, Windows only).

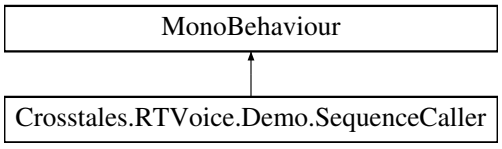
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Model/Sequence.cs

5.65 Crosstales.RTVoice.Demo.SequenceCaller Class Reference

Simple Sequence caller example.

Inheritance diagram for Crosstales.RTVoice.Demo.SequenceCaller:



Public Member Functions

- void **Start** ()

Public Attributes

- GameObject **receiver**
- int **NumberOfSequences**
- float **SequenceDelay** = 1f

5.65.1 Detailed Description

Simple Sequence caller example.

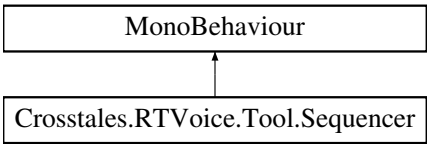
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/SequenceCaller.cs

5.66 Crosstales.RTVoice.Tool.Sequencer Class Reference

Simple sequencer for dialogues.

Inheritance diagram for Crosstales.RTVoice.Tool.Sequencer:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **OnValidate** ()
- void PlaySequence (int index=0)

  Plays a Sequence with a given index.
- void PlayNextSequence ()

  Plays the next Sequence in the array.
- void PlayAllSequences ()

  Plays all Sequences.
- void StopAllSequences ()

  Stops and silences all active Sequences.

Public Attributes

- Model.Sequence[ ] Sequences

  All available sequences.
- float Delay = 0.2f

  Delay in seconds before the Sequencer starts processing (default: 0.2).
- bool PlayOnStart = false

  Enable the Sequencer on start (default: false).

Properties

- Model.Sequence CurrentSequence `[get]`

  Returns the current Sequence.

5.66.1 Detailed Description

Simple sequencer for dialogues.

5.66.2 Member Function Documentation

5.66.2.1 void Crosstales.RTVoice.Tool.Sequencer.PlayAllSequences ( )

Plays all Sequences.

5.66.2.2 void Crosstales.RTVoice.Tool.Sequencer.PlayNextSequence ( )

Plays the next Sequence in the array.

5.66.2.3 void Crosstales.RTVoice.Tool.Sequencer.PlaySequence (int *index* = 0)

Plays a Sequence with a given index.

Parameters

index	Index of the Sequence (default: 0, optional).

5.66.2.4 void Crosstales.RTVoice.Tool.Sequencer.StopAllSequences ( )

Stops and silences all active Sequences.

5.66.3 Member Data Documentation

5.66.3.1 float Crosstales.RTVoice.Tool.Sequencer.Delay = 0.2f

Delay in seconds before the Sequencer starts processing (default: 0.2).

5.66.3.2 bool Crosstales.RTVoice.Tool.Sequencer.PlayOnStart = false

Enable the Sequencer on start (default: false).

5.66.3.3 Model.Sequence [ ] Crosstales.RTVoice.Tool.Sequencer.Sequences

All available sequences.

5.66.4 Property Documentation

5.66.4.1 Model.Sequence Crosstales.RTVoice.Tool.Sequencer.CurrentSequence [get]

Returns the current Sequence.

Returns

The current Sequence.

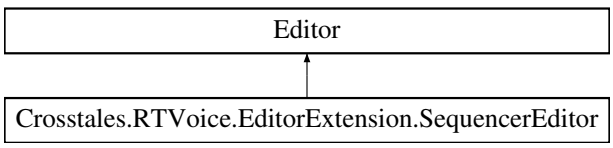
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Tool/Sequencer.cs

5.67 Crosstales.RTVoice.EditorExtension.SequencerEditor Class Reference

Custom editor for the 'Sequencer'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.SequencerEditor:



Public Member Functions

- void **OnEnable** ()
- override void **OnInspectorGUI** ()

5.67.1 Detailed Description

Custom editor for the 'Sequencer'-class.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Extension/SequencerEditor.cs

5.68 Crosstales.Common.Util.SerializeDeSerialize< T > Class Template Reference

Serialize and deserialize objects to/from binary files.

Public Member Functions

- void **ToFile** (T o, string path)
- System.IO.MemoryStream **ToMemory** (T o)
- byte[ ] **ToByteArray** (T o)
- T **FromFile** (string path)
- T **FromMemory** (byte[ ] data)

5.68.1 Detailed Description

Serialize and deserialize objects to/from binary files.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/SerializeDeSerialize.cs

5.69 Crosstales.RTVoice.EditorTask.SetApiLevel Class Reference

Sets the required API levels.

5.69.1 Detailed Description

Sets the required API levels.

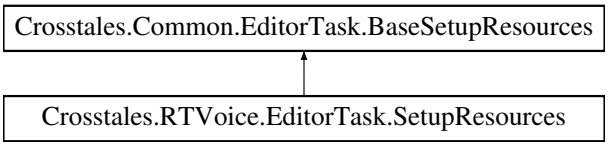
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Task/SetApiLevel.cs

5.70 Crosstales.RTVoice.EditorTask.SetupResources Class Reference

Moves all needed resources to 'Editor Default Resources'.

Inheritance diagram for Crosstales.RTVoice.EditorTask.SetupResources:



Additional Inherited Members

5.70.1 Detailed Description

Moves all needed resources to 'Editor Default Resources'.

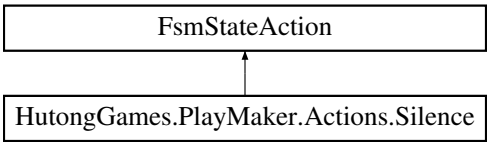
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Task/SetupResources.cs

5.71 HutongGames.PlayMaker.Actions.Silence Class Reference

Silence-action for PlayMaker.

Inheritance diagram for HutongGames.PlayMaker.Actions.Silence:



Public Member Functions

- override void **OnEnter** ()

Public Attributes

- FsmEvent **sendEvent**

5.71.1 Detailed Description

Silence-action for PlayMaker.

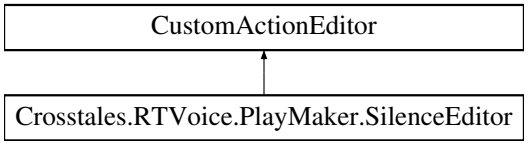
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/PlayMaker/Scripts/Silence.cs

5.72 Crosstales.RTVoice.PlayMaker.SilenceEditor Class Reference

Custom editor for the Silence-action.

Inheritance diagram for Crosstales.RTVoice.PlayMaker.SilenceEditor:



Public Member Functions

- override bool **OnGUI** ()

5.72.1 Detailed Description

Custom editor for the Silence-action.

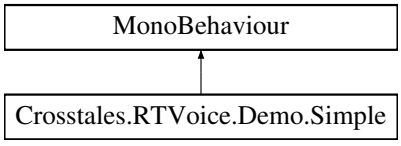
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/PlayMaker/Editor/SilenceEditor.cs

5.73 Crosstales.RTVoice.Demo.Simple Class Reference

Simple TTS example.

Inheritance diagram for Crosstales.RTVoice.Demo.Simple:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **Play** ()
- void **SpeakerA** ()
- void **SpeakerB** ()
- void **Silence** ()

Public Attributes

- AudioSource **SourceA**
- AudioSource **SourceB**
- float **RateSpeakerA** = 1.25f
- float **RateSpeakerB** = 1.75f
- bool **PlayOnStart** = false
- Text **TextSpeakerA**
- Text **TextSpeakerB**
- Text **PhonemeSpeakerA**
- Text **PhonemeSpeakerB**
- Text **VisemeSpeakerA**
- Text **VisemeSpeakerB**

5.73.1 Detailed Description

Simple TTS example.

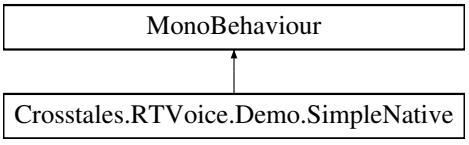
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/Simple.cs

5.74 Crosstales.RTVoice.Demo.SimpleNative Class Reference

Simple native TTS example.

Inheritance diagram for Crosstales.RTVoice.Demo.SimpleNative:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **Play** ()
- void **SpeakerA** ()
- void **SpeakerB** ()
- void **SpeakerC** ()
- void **Silence** ()

Public Attributes

- float **RateSpeakerA** = 1.25f
- float **RateSpeakerB** = 1.75f
- float **RateSpeakerC** = 2.5f
- bool **PlayOnStart** = false
- Text **TextSpeakerA**
- Text **TextSpeakerB**
- Text **TextSpeakerC**
- Text **PhonemeSpeakerA**
- Text **PhonemeSpeakerB**
- Text **PhonemeSpeakerC**
- Text **VisemeSpeakerA**
- Text **VisemeSpeakerB**
- Text **VisemeSpeakerC**

5.74.1 Detailed Description

Simple native TTS example.

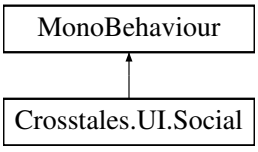
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/SimpleNative.cs

5.75 Crosstales.UI.Social Class Reference

Crosstales social media links.

Inheritance diagram for Crosstales.UI.Social:



Public Member Functions

- void **Facebook** ()
- void **Twitter** ()
- void **LinkedIn** ()
- void **Xing** ()
- void **Youtube** ()

5.75.1 Detailed Description

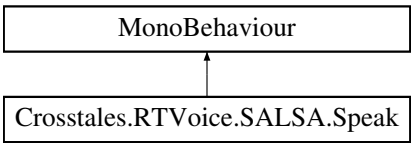
Crosstales social media links.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/Social.cs

5.76 Crosstales.RTVoice.SALSA.Speak Class Reference

Inheritance diagram for Crosstales.RTVoice.SALSA.Speak:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **Talk** ()

Public Attributes

- AudioSource **Source**
- CrazyMinnow.SALSA.Salsa3D **Salsa**
- InputField **EnterText**
- Slider **RateSlider**
- Slider **PitchSlider**

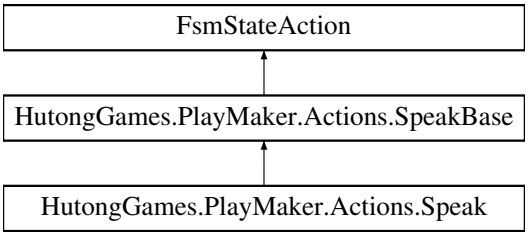
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/SALSA/Scripts/Speak.cs

5.77 HutongGames.PlayMaker.Actions.Speak Class Reference

Speak-action for PlayMaker.

Inheritance diagram for HutongGames.PlayMaker.Actions.Speak:



Public Member Functions

- override void **OnEnter** ()

Public Attributes

- FsmString Text = "Hello world!"

  Text to speak.
- FsmString RTVoiceNameWindows = "Microsoft David Desktop"

  Name of the RT-Voice under Windows.
- FsmString RTVoiceNameMac = "Alex"

  Name of the RT-Voice under macOS.
- FsmString RTVoiceNameAndroid = string.Empty

  Name of the RT-Voice under Android.
- FsmString RTVoiceNameIOS = "Daniel"

  Name of the RT-Voice under iOS.
- FsmString RTVoiceNameWSA = "Microsoft David Mobile"

  Name of the RT-Voice under WSA.
- FsmString RTVoiceNameMaryTTS = "cms-rms-hsmm"

  Name of the RT-Voice under MaryTTS.
- FsmString Culture = "en"

  Fallback culture (e.g. 'en', optional).

Additional Inherited Members

5.77.1 Detailed Description

Speak-action for PlayMaker.

5.77.2 Member Data Documentation

5.77.2.1 FsmString HutongGames.PlayMaker.Actions.Speak.Culture = "en"

Fallback culture (e.g. 'en', optional).

5.77.2.2 FsmString HutongGames.PlayMaker.Actions.Speak.RTVoiceNameAndroid = string.Empty

Name of the RT-Voice under Android.

5.77.2.3 FsmString HutongGames.PlayMaker.Actions.Speak.RTVoiceNameIOS = "Daniel"

Name of the RT-Voice under iOS.

5.77.2.4 FsmString HutongGames.PlayMaker.Actions.Speak.RTVoiceNameMac = "Alex"

Name of the RT-Voice under macOS.

5.77.2.5 FsmString HutongGames.PlayMaker.Actions.Speak.RTVoiceNameMaryTTS = "cms-rms-hsmm"

Name of the RT-Voice under MaryTTS.

5.77.2.6 FsmString HutongGames.PlayMaker.Actions.Speak.RTVoiceNameWindows = "Microsoft David Desktop"

Name of the RT-Voice under Windows.

5.77.2.7 FsmString HutongGames.PlayMaker.Actions.Speak.RTVoiceNameWSA = "Microsoft David Mobile"

Name of the RT-Voice under WSA.

5.77.2.8 FsmString HutongGames.PlayMaker.Actions.Speak.Text = "Hello world!"

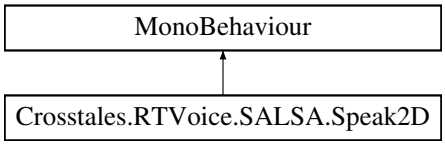
Text to speak.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/PlayMaker/Scripts/Speak.cs

5.78 Crosstales.RTVoice.SALSA.Speak2D Class Reference

Inheritance diagram for Crosstales.RTVoice.SALSA.Speak2D:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **Talk** ()

Public Attributes

- AudioSource **Source**
- CrazyMinnow.SALSA.Salsa2D **Salsa**
- InputField **EnterText**
- Slider **RateSlider**
- Slider **PitchSlider**

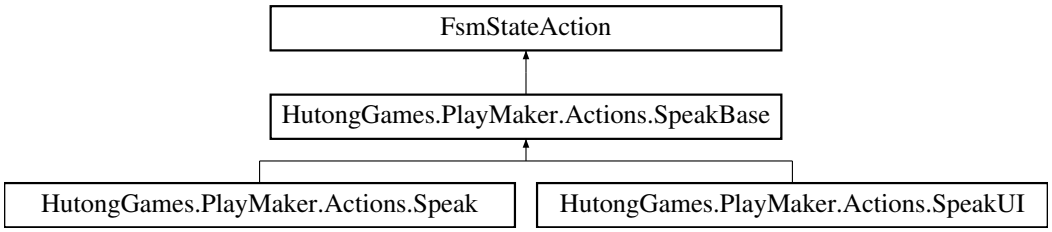
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/SALSA/Scripts/Speak2D.cs

5.79 HutongGames.PlayMaker.Actions.SpeakBase Class Reference

Base for Speak-actions in PlayMaker.

Inheritance diagram for HutongGames.PlayMaker.Actions.SpeakBase:



Public Member Functions

- override void **OnEnter** ()
- override void **OnExit** ()

Public Attributes

- FsmEvent **sendEvent**
- Crosstales.RTVoice.Model.Enum.SpeakMode Mode

  Speak mode (default: 'Speak').
- FsmGameObject AudioSource

  AudioSource for the output (optional).
- FsmFloat Rate = 1

  Speech rate of the speaker in percent (1 = 100%, default: 1, optional).
- FsmFloat Pitch = 1f

  Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).
- FsmFloat Volume = 1

  Volume of the speaker in percent (1 = 100%, default: 1, optional).

Protected Member Functions

- void **subscribeEvents** ()
- void **unsubscribeEvents** ()

Protected Attributes

- string **uid**

5.79.1 Detailed Description

Base for Speak-actions in PlayMaker.

5.79.2 Member Data Documentation

5.79.2.1 FsmGameObject HutongGames.PlayMaker.Actions.SpeakBase.AudioSource

AudioSource for the output (optional).

5.79.2.2 Crosstales.RTVoice.Model.Enum.SpeakMode HutongGames.PlayMaker.Actions.SpeakBase.Mode

Speak mode (default: 'Speak').

5.79.2.3 FsmFloat HutongGames.PlayMaker.Actions.SpeakBase.Pitch = 1f

Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).

5.79.2.4 FsmFloat HutongGames.PlayMaker.Actions.SpeakBase.Rate = 1

Speech rate of the speaker in percent (1 = 100%, default: 1, optional).

5.79.2.5 FsmFloat HutongGames.PlayMaker.Actions.SpeakBase.Volume = 1

Volume of the speaker in percent (1 = 100%, default: 1, optional).

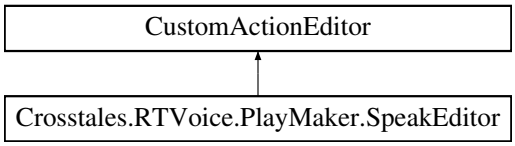
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/PlayMaker/Scripts/SpeakBase.cs

5.80 Crosstales.RTVoice.PlayMaker.SpeakEditor Class Reference

Custom editor for the Speak-action.

Inheritance diagram for Crosstales.RTVoice.PlayMaker.SpeakEditor:



Public Member Functions

- override void **OnEnable** ()
- override bool **OnGUI** ()

5.80.1 Detailed Description

Custom editor for the Speak-action.

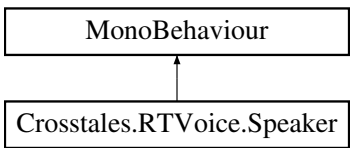
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/PlayMaker/Editor/SpeakEditor.cs

5.81 Crosstales.RTVoice.Speaker Class Reference

Main component of RTVoice.

Inheritance diagram for Crosstales.RTVoice.Speaker:



Public Member Functions

- void **OnEnable** ()
- void **Update** ()
- void **OnDisable** ()
- void **OnDestroy** ()
- void **OnApplicationQuit** ()
- void **OnApplicationFocus** (bool hasFocus)

Static Public Member Functions

- static float ApproximateSpeechLength (string text, float rate=1f, float wordsPerMinute=175f, float timeFactor=0.9f)

  Approximates the speech length in seconds of a given text and rate. Note: This is an experimental method and doesn't provide an exact value; +/- 15% is "normal"!
- static bool isVoiceForGenderAvailable (Model.Enum.Gender gender, string culture="")

  Is a voice available for a given gender and optional culture from the current TTS-system?
- static System.Collections.Generic.List< Model.Voice > VoicesForGender (Model.Enum.Gender gender, string culture="")

  Get all available voices for a given gender and optional culture from the current TTS-system.
- static Model.Voice VoiceForGender (Model.Enum.Gender gender, string culture="", int index=0, string fallbackCulture="")

  Get a voice from for a given gender and optional culture and optional index from the current TTS-system.
- static bool isVoiceForCultureAvailable (string culture)

  Is a voice available for a given culture from the current TTS-system?
- static System.Collections.Generic.List< Model.Voice > VoicesForCulture (string culture)

  Get all available voices for a given culture from the current TTS-system.
- static Model.Voice VoiceForCulture (string culture, int index=0, string fallbackCulture="")

  Get a voice from for a given culture and optional index from the current TTS-system.
- static bool isVoiceForNameAvailable (string name)

  Is a voice available for a given name from the current TTS-system?
- static Model.Voice VoiceForName (string name)

  Get a voice for a given name from the current TTS-system.
- static string SpeakNative (string text, Model.Voice voice=null, float rate=1f, float pitch=1f, float volume=1f)

  Speaks a text with a given voice (native mode).
- static void SpeakNativeWithUID (Model.Wrapper wrapper)

  Speaks a text with a given voice (native mode).
- static string SpeakNative (Model.Wrapper wrapper)

  Speaks a text with a given wrapper (native mode).
- static string Speak (string text, AudioSource source=null, Model.Voice voice=null, bool speakImmediately=true, float rate=1f, float pitch=1f, float volume=1f, string outputFile="")

  Speaks a text with a given voice.
- static void SpeakWithUID (Model.Wrapper wrapper)

  Speaks a text with a given voice.
- static string Speak (Model.Wrapper wrapper)

  Speaks a text with a given wrapper.
- static void SpeakMarkedWordsWithUID (Model.Wrapper wrapper)

  Speaks and marks a text with a given wrapper.
- static void SpeakMarkedWordsWithUID (string uid, string text, AudioSource source, Model.Voice voice=null, float rate=1f, float pitch=1f)

  Speaks and marks a text with a given voice and tracks the word position.
- static string Generate (Model.Wrapper wrapper)

  Generates an audio file from a given wrapper.
- static string Generate (string text, string outputFile, Model.Voice voice=null, float rate=1f, float pitch=1f, float volume=1f)

  Generates an audio file from a text with a given voice.
- static void Silence ()

  Silence all active TTS-voices.
- static void Silence (string uid)

  Silence an active TTS-voice with a UID.
- static void **ReloadProvider** ()

Public Attributes

- bool MaryTTSMode = false

  Enables or disables MaryTTS (default: false).
- string MaryTTSUrl = "http://mary.dfki.de"

  Server URL for MaryTTS.
- int MaryTTSPort = 59125

  Server port for MaryTTS (default: 59125).
- string MaryTTSUser = string.Empty

  User name for MaryTTS (default: empty).
- string MaryTTSPassword = string.Empty

  User password for MaryTTS (default: empty).
- Model.Enum.MaryTTSType MaryTTSType = Model.Enum.MaryTTSType.RAWMARYXML

  Input type for MaryTTS (default: MaryTTSType.RAWMARYXML).
- bool ESpeakMode = false

  Enable or disable eSpeak for standalone platforms (default: false).
- Model.Enum.ESpeakModifiers ESpeakModifier = Model.Enum.ESpeakModifiers.none

  Active modifier for all eSpeak voices (default: none, m1-m6 = male, f1-f4 = female).
- bool AutoClearTags = false

  Automatically clear tags from speeches depending on the capabilities of the current TTS-system (default: false).
- bool Streamed = false

  Enable or disable streaming the audio (decrease the latency, default: false).
- bool Compressed = false

  Enable or disable compressing the audio (needs less memory but more performance, default: false).
- bool SilenceOnDisable = false

  Silence any speeches if this component gets disabled (default: false).
- bool SilenceOnFocustLost = true

  Silence any speeches if the application loses the focus (default: true).
- bool DontDestroy = true

  Don't destroy gameobject during scene switches (default: true).

Properties

- static VoicesReady OnVoicesReady

  An event triggered whenever the voices of a provider are ready.
- static SpeakStart OnSpeakStart

  An event triggered whenever a speak is started.
- static SpeakComplete OnSpeakComplete

  An event triggered whenever a speak is completed.
- static SpeakCurrentWord OnSpeakCurrentWord

  An event triggered whenever a new word is spoken (native, Windows and iOS only).
- static SpeakCurrentPhoneme OnSpeakCurrentPhoneme

  An event triggered whenever a new phoneme is spoken (native, Windows only).
- static SpeakCurrentViseme OnSpeakCurrentViseme

  An event triggered whenever a new viseme is spoken (native, Windows only).
- static SpeakAudioGenerationStart OnSpeakAudioGenerationStart

  An event triggered whenever a speak audio generation is started.
- static SpeakAudioGenerationComplete OnSpeakAudioGenerationComplete

  An event triggered whenever a speak audio generation is completed.
- static ProviderChange OnProviderChange

An event triggered whenever a provider chamges (e.g. Windows to MaryTTS).

- static ErrorInfo OnErrorInfo

  An event triggered whenever an error occurs.
- static bool isMaryMode `[get, set]`

  Enables or disables MaryTTS.
- static string MaryUrl `[get, set]`

  Server URL for MaryTTS.
- static int MaryPort `[get, set]`

  Server port for MaryTTS.
- static string MaryUser `[get, set]`

  User name for MaryTTS.
- static string MaryPassword `[set]`

  Password for MaryTTS.
- static Model.Enum.MaryTTSType MaryType `[set]`

  Input type for MaryTTS.
- static bool isESpeakMode `[get, set]`

  Enable or disable eSpeak for standalone platforms.
- static Model.Enum.ESpeakModifiers ESpeakMod `[get, set]`

  Active modifier for all eSpeak voices (m1-m6 = male, f1-f4 = female).
- static bool isAutoClearTags `[get, set]`

  Automatically clear tags from speeches depending on the capabilities of the current TTS-system.
- static bool isStreamed `[get, set]`

  Enable or disable streaming the audio (decrease the latency).
- static bool isCompressed `[get, set]`

  Enable or disable compressing the audio (needs less memory but more performance).
- static bool isSilenceOnDisable `[get, set]`

  Silence any speeches if this component gets disabled.
- static bool isSilenceOnFocustLost `[get, set]`

  Silence any speeches if the application loses the focus.
- static string AudioFileExtension `[get]`

  Returns the extension of the generated audio files.
- static System.Collections.Generic.List< Model.Voice > Voices `[get]`

  Get all available voices from the current TTS-system.
- static System.Collections.Generic.List< string > Cultures `[get]`

  Get all available cultures from the current TTS-system..
- static bool isTTSAvailable `[get]`

  Checks if TTS is available on this system.
- static bool isSpeaking `[get]`

  Checks if RT-Voice is speaking on this system.

5.81.1 Detailed Description

Main component of RTVoice.

5.81.2 Member Function Documentation

5.81.2.1 static float Crosstales.RTVoice.Speaker.ApproximateSpeechLength (string *text*, float *rate* = `1f`, float *wordsPerMinute* = `175f`, float *timeFactor* = `0.9f`) `[static]`

Approximates the speech length in seconds of a given text and rate. Note: This is an experimental method and doesn't provide an exact value; +/- 15% is "normal"!

Parameters

text	Text for the length approximation.
rate	Speech rate of the speaker in percent for the length approximation (1 = 100%, default: 1, optional).
wordsPerMinute	Words per minute (default: 175, optional).
timeFactor	Time factor for the calculated value (default: 0.9, optional).

Returns

Approximated speech length in seconds of the given text and rate.

5.81.2.2 static string Crosstales.RTVoice.Speaker.Generate (Model.Wrapper *wrapper*) [static]

Generates an audio file from a given wrapper.

Parameters

wrapper	Speak wrapper.

Returns

UID of the generator.

5.81.2.3 static string Crosstales.RTVoice.Speaker.Generate (string *text*, string *outputFile*, Model.Voice *voice* = `null`, float *rate* = `1f`, float *pitch* = `1f`, float *volume* = `1f`) [static]

Generates an audio file from a text with a given voice.

Parameters

text	Text to generate.
outputFile	Saves the generated audio to an output file (without extension).
voice	Voice to speak (optional).
rate	Speech rate of the speaker in percent (1 = 100%, values: 0-3, default: 1, optional).
pitch	Pitch of the speech in percent (1 = 100%, values: 0-2, default: 1, optional).
volume	Volume of the speaker in percent (1 = 100%, values: 0-1, default: 1, optional).

Returns

UID of the generator.

5.81.2.4 static bool Crosstales.RTVoice.Speaker.isVoiceForCultureAvailable (string *culture*) [static]

Is a voice available for a given culture from the current TTS-system?

Parameters

culture	Culture of the voice (e.g. "en")

Returns

True if a voice is available for a given culture.

5.81.2.5 static bool Crosstales.RTVoice.Speaker.isVoiceForGenderAvailable (Model.Enum.Gender *gender*, string *culture* = "") [static]

Is a voice available for a given gender and optional culture from the current TTS-system?

Parameters

gender	Gender of the voice
culture	Culture of the voice (e.g. "en", optional)

Returns

True if a voice is available for a given gender and culture.

5.81.2.6 static bool Crosstales.RTVoice.Speaker.isVoiceForNameAvailable (string *name*) [static]

Is a voice available for a given name from the current TTS-system?

Parameters

name	Name of the voice (e.g. "Alex")

Returns

True if a voice is available for a given culture.

5.81.2.7 static void Crosstales.RTVoice.Speaker.Silence ( ) [static]

Silence all active TTS-voices.

5.81.2.8 static void Crosstales.RTVoice.Speaker.Silence (string *uid*) [static]

Silence an active TTS-voice with a UID.

Parameters

uid	UID of the speaker

5.81.2.9 static string Crosstales.RTVoice.Speaker.Speak (string *text*, AudioSource *source* = `null`, **Model.Voice** *voice* = `null`, bool *speakImmediately* = `true`, float *rate* = `1f`, float *pitch* = `1f`, float *volume* = `1f`, string *outputFile* = " ") `[static]`

Speaks a text with a given voice.

Parameters

text	Text to speak.
source	AudioSource for the output (optional).
voice	Voice to speak (optional).
speakImmediately	Speak the text immediately (default: true). Only works if 'Source' is not null.
rate	Speech rate of the speaker in percent (1 = 100%, values: 0-3, default: 1, optional).
pitch	Pitch of the speech in percent (1 = 100%, values: 0-2, default: 1, optional).
volume	Volume of the speaker in percent (1 = 100%, values: 0-1, default: 1, optional).
outputFile	Saves the generated audio to an output file (without extension, optional).

Returns

UID of the speaker.

5.81.2.10 static string Crosstales.RTVoice.Speaker.Speak (**Model.Wrapper** *wrapper*) `[static]`

Speaks a text with a given wrapper.

Parameters

wrapper	Speak wrapper.

Returns

UID of the speaker.

5.81.2.11 static void Crosstales.RTVoice.Speaker.SpeakMarkedWordsWithUID (**Model.Wrapper** *wrapper*) `[static]`

Speaks and marks a text with a given wrapper.

Parameters

wrapper	Speak wrapper.

5.81.2.12 static void Crosstales.RTVoice.Speaker.SpeakMarkedWordsWithUID (string *uid*, string *text*, AudioSource *source*, Model.Voice *voice* = `null`, float *rate* = `1f`, float *pitch* = `1f`) [static]

Speaks and marks a text with a given voice and tracks the word position.

Parameters

uid	UID of the speaker
text	Text to speak.
source	AudioSource for the output.
voice	Voice to speak (optional).
rate	Speech rate of the speaker in percent (1 = 100%, values: 0-3, default: 1, optional).
pitch	Pitch of the speech in percent (1 = 100%, values: 0-2, default: 1, optional).

5.81.2.13 static string Crosstales.RTVoice.Speaker.SpeakNative (string *text*, Model.Voice *voice* = `null`, float *rate* = `1f`, float *pitch* = `1f`, float *volume* = `1f`) [static]

Speaks a text with a given voice (native mode).

Parameters

text	Text to speak.
voice	Voice to speak (optional).
rate	Speech rate of the speaker in percent (1 = 100%, values: 0-3, default: 1, optional).
pitch	Pitch of the speech in percent (1 = 100%, values: 0-2, default: 1, optional).
volume	Volume of the speaker in percent (1 = 100%, values: 0-1, default: 1, optional).

Returns

UID of the speaker.

5.81.2.14 static string Crosstales.RTVoice.Speaker.SpeakNative (Model.Wrapper *wrapper*) [static]

Speaks a text with a given wrapper (native mode).

Parameters

wrapper	Speak wrapper.

Returns

UID of the speaker.

5.81.2.15 static void Crosstales.RTVoice.Speaker.SpeakNativeWithUID (Model.Wrapper *wrapper*) [static]

Speaks a text with a given voice (native mode).

Parameters

wrapper	Speak wrapper.

5.81.2.16 static void Crosstales.RTVoice.Speaker.SpeakWithUID (Model.Wrapper *wrapper*) [static]

Speaks a text with a given voice.

Parameters

wrapper	Speak wrapper.

5.81.2.17 static Model.Voice Crosstales.RTVoice.Speaker.VoiceForCulture (string *culture*, int *index* = 0, string *fallbackCulture* = "") [static]

Get a voice from for a given culture and optional index from the current TTS-system.

Parameters

culture	Culture of the voice (e.g. "en_US")
index	Index of the voice (default: 0, optional)
index	Fallback culture of the voice (e.g. "en", default "", optional)

Returns

Voice for the given culture and index.

5.81.2.18 static Model.Voice Crosstales.RTVoice.Speaker.VoiceForGender (Model.Enum.Gender *gender*, string *culture* = "", int *index* = 0, string *fallbackCulture* = "") [static]

Get a voice from for a given gender and optional culture and optional index from the current TTS-system.

Parameters

gender	Gender of the voice
culture	Culture of the voice (e.g. "en_US", optional)
index	Index of the voice (default: 0, optional)
index	Fallback culture of the voice (e.g. "en", default "", optional)

Returns

Voice for the given culture and index.

5.81.2.19 static Model.Voice Crosstales.RTVoice.Speaker.VoiceForName (string *name*) [static]

Get a voice for a given name from the current TTS-system.

Parameters

name	Name of the voice (e.g. "Alex")

Returns

Voice for the given name or null if not found.

5.81.2.20 static System.Collections.Generic.List<Model.Voice> Crosstales.RTVoice.Speaker.VoicesForCulture (string *culture*) [static]

Get all available voices for a given culture from the current TTS-system.

Parameters

culture	Culture of the voice (e.g. "en")

Returns

All available voices (alphabetically ordered by 'Name') for a given culture as a list.

5.81.2.21 static System.Collections.Generic.List<Model.Voice> Crosstales.RTVoice.Speaker.VoicesForGender (Model.Enum.Gender *gender,* string *culture* = " ") [static]

Get all available voices for a given gender and optional culture from the current TTS-system.

Parameters

gender	Gender of the voice
culture	Culture of the voice (e.g. "en", optional)

Returns

All available voices (alphabetically ordered by 'Name') for a given gender and culture as a list.

5.81.3 Member Data Documentation

5.81.3.1 bool Crosstales.RTVoice.Speaker.AutoClearTags = false

Automatically clear tags from speeches depending on the capabilities of the current TTS-system (default: false).

5.81.3.2 bool Crosstales.RTVoice.Speaker.Compressed = false

Enable or disable compressing the audio (needs less memory but more performance, default: false).

5.81.3.3 bool Crosstales.RTVoice.Speaker.DontDestroy = true

Don't destroy gameobject during scene switches (default: true).

5.81.3.4 bool Crosstales.RTVoice.Speaker.ESpeakMode = false

Enable or disable eSpeak for standalone platforms (default: false).

5.81.3.5 Model.Enum.ESpeakModifiers Crosstales.RTVoice.Speaker.ESpeakModifier = Model.Enum.ESpeakModifiers.none

Active modifier for all eSpeak voices (default: none, m1-m6 = male, f1-f4 = female).

5.81.3.6 bool Crosstales.RTVoice.Speaker.MaryTTSMode = false

Enables or disables MaryTTS (default: false).

5.81.3.7 string Crosstales.RTVoice.Speaker.MaryTTSPassword = string.Empty

User password for MaryTTS (default: empty).

5.81.3.8 int Crosstales.RTVoice.Speaker.MaryTTSPort = 59125

Server port for MaryTTS (default: 59125).

5.81.3.9 Model.Enum.MaryTTSType Crosstales.RTVoice.Speaker.MaryTTSType = Model.Enum.MaryTTSType.RAWMARY↩ XML

Input type for MaryTTS (default: MaryTTSType.RAWMARYXML).

5.81.3.10 string Crosstales.RTVoice.Speaker.MaryTTSUrl = "http://mary.dfki.de"

Server URL for MaryTTS.

5.81.3.11 string Crosstales.RTVoice.Speaker.MaryTTSUser = string.Empty

User name for MaryTTS (default: empty).

5.81.3.12 bool Crosstales.RTVoice.Speaker.SilenceOnDisable = false

Silence any speeches if this component gets disabled (default: false).

5.81.3.13 bool Crosstales.RTVoice.Speaker.SilenceOnFocustLost = true

Silence any speeches if the application loses the focus (default: true).

5.81.3.14 bool Crosstales.RTVoice.Speaker.Streamed = false

Enable or disable streaming the audio (decrease the latency, default: false).

5.81.4 Property Documentation

5.81.4.1 string Crosstales.RTVoice.Speaker.AudioFileExtension [static],[get]

Returns the extension of the generated audio files.

Returns

Extension of the generated audio files.

5.81.4.2 System.Collections.Generic.List<string> Crosstales.RTVoice.Speaker.Cultures [static],[get]

Get all available cultures from the current TTS-system..

Returns

All available cultures (alphabetically ordered by 'Culture') as a list.

5.81.4.3 Model.Enum.ESpeakModifiers Crosstales.RTVoice.Speaker.ESpeakMod [static],[get],[set]

Active modifier for all eSpeak voices (m1-m6 = male, f1-f4 = female).

5.81.4.4 bool Crosstales.RTVoice.Speaker.isAutoClearTags [static],[get],[set]

Automatically clear tags from speeches depending on the capabilities of the current TTS-system.

5.81.4.5 bool Crosstales.RTVoice.Speaker.isCompressed [static],[get],[set]

Enable or disable compressing the audio (needs less memory but more performance).

5.81.4.6 bool Crosstales.RTVoice.Speaker.isESpeakMode [static],[get],[set]

Enable or disable eSpeak for standalone platforms.

5.81.4.7 bool Crosstales.RTVoice.Speaker.isMaryMode [static],[get],[set]

Enables or disables MaryTTS.

5.81.4.8 bool Crosstales.RTVoice.Speaker.isSilenceOnDisable [static],[get],[set]

Silence any speeches if this component gets disabled.

5.81.4.9 bool Crosstales.RTVoice.Speaker.isSilenceOnFocustLost [static],[get],[set]

Silence any speeches if the application loses the focus.

5.81.4.10 bool Crosstales.RTVoice.Speaker.isSpeaking [static],[get]

Checks if RT-Voice is speaking on this system.

Returns

True if RT-Voice is speaking on this system.

5.81.4.11 bool Crosstales.RTVoice.Speaker.isStreamed [static],[get],[set]

Enable or disable streaming the audio (decrease the latency).

5.81.4.12 bool Crosstales.RTVoice.Speaker.isTTSAvailable [static],[get]

Checks if TTS is available on this system.

Returns

True if TTS is available on this system.

5.81.4.13 string Crosstales.RTVoice.Speaker.MaryPassword [static],[set]

Password for MaryTTS.

5.81.4.14 int Crosstales.RTVoice.Speaker.MaryPort [static],[get],[set]

Server port for MaryTTS.

5.81.4.15 Model.Enum.MaryTTSType Crosstales.RTVoice.Speaker.MaryType [static], [set]

Input type for MaryTTS.

5.81.4.16 string Crosstales.RTVoice.Speaker.MaryUrl [static], [get], [set]

Server URL for MaryTTS.

5.81.4.17 string Crosstales.RTVoice.Speaker.MaryUser [static], [get], [set]

User name for MaryTTS.

5.81.4.18 ErrorInfo Crosstales.RTVoice.Speaker.OnErrorInfo [static], [add], [remove]

An event triggered whenever an error occurs.

5.81.4.19 ProviderChange Crosstales.RTVoice.Speaker.OnProviderChange [static], [add], [remove]

An event triggered whenever a provider chamges (e.g. Windows to MaryTTS).

5.81.4.20 SpeakAudioGenerationComplete Crosstales.RTVoice.Speaker.OnSpeakAudioGenerationComplete [static], [add], [remove]

An event triggered whenever a speak audio generation is completed.

5.81.4.21 SpeakAudioGenerationStart Crosstales.RTVoice.Speaker.OnSpeakAudioGenerationStart [static], [add], [remove]

An event triggered whenever a speak audio generation is started.

5.81.4.22 SpeakComplete Crosstales.RTVoice.Speaker.OnSpeakComplete [static], [add], [remove]

An event triggered whenever a speak is completed.

5.81.4.23 SpeakCurrentPhoneme Crosstales.RTVoice.Speaker.OnSpeakCurrentPhoneme [static], [add], [remove]

An event triggered whenever a new phoneme is spoken (native, Windows only).

5.81.4.24 SpeakCurrentViseme Crosstales.RTVoice.Speaker.OnSpeakCurrentViseme [static], [add], [remove]

An event triggered whenever a new viseme is spoken (native, Windows only).

5.81.4.25 SpeakCurrentWord Crosstales.RTVoice.Speaker.OnSpeakCurrentWord [static],[add],[remove]

An event triggered whenever a new word is spoken (native, Windows and iOS only).

5.81.4.26 SpeakStart Crosstales.RTVoice.Speaker.OnSpeakStart [static],[add],[remove]

An event triggered whenever a speak is started.

5.81.4.27 VoicesReady Crosstales.RTVoice.Speaker.OnVoicesReady [static],[add],[remove]

An event triggered whenever the voices of a provider are ready.

5.81.4.28 System.Collections.Generic.List<Model.Voice> Crosstales.RTVoice.Speaker.Voices [static],[get]

Get all available voices from the current TTS-system.

Returns

All available voices (alphabetically ordered by 'Name') as a list.

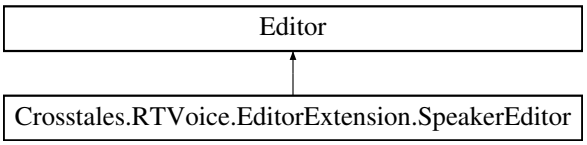
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Speaker.cs

5.82 Crosstales.RTVoice.EditorExtension.SpeakerEditor Class Reference

Custom editor for the 'Speaker'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.SpeakerEditor:



Public Member Functions

- void **OnEnable** ()
- void **OnDisable** ()
- override void **OnInspectorGUI** ()

5.82.1 Detailed Description

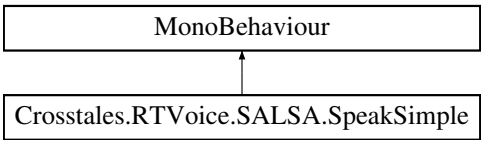
Custom editor for the 'Speaker'-class.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Extension/SpeakerEditor.cs

5.83 Crosstales.RTVoice.SALSA.SpeakSimple Class Reference

Inheritance diagram for Crosstales.RTVoice.SALSA.SpeakSimple:



Public Member Functions

- void **Silence** ()
- void **Talk** ()

Public Attributes

- AudioSource **Source**
- InputField **EnterText**
- Slider **RateSlider**
- Slider **PitchSlider**

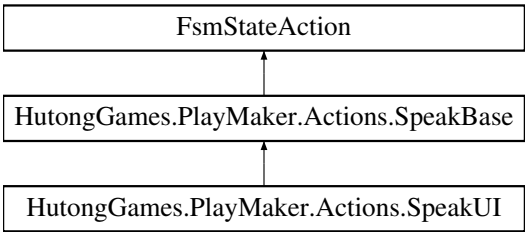
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/SALSA/Scripts/SpeakSimple.cs

5.84 HutongGames.PlayMaker.Actions.SpeakUI Class Reference

Speak-action for UI-components in PlayMaker.

Inheritance diagram for HutongGames.PlayMaker.Actions.SpeakUI:



Public Member Functions

- override void **OnEnter** ()

Public Attributes

- InputField Text
  Text to speak.
- InputField RTVoiceName
  Name of the RT-Voice.
- FsmString Culture = "en"
  Fallback culture (e.g. 'en', optional).

Additional Inherited Members

5.84.1 Detailed Description

Speak-action for UI-components in PlayMaker.

5.84.2 Member Data Documentation

5.84.2.1 FsmString HutongGames.PlayMaker.Actions.SpeakUI.Culture = "en"

Fallback culture (e.g. 'en', optional).

5.84.2.2 InputField HutongGames.PlayMaker.Actions.SpeakUI.RTVoiceName

Name of the RT-Voice.

5.84.2.3 InputField HutongGames.PlayMaker.Actions.SpeakUI.Text

Text to speak.

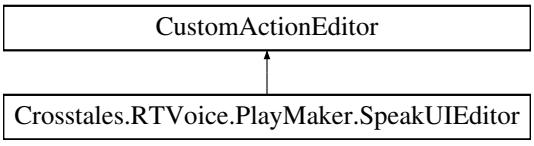
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/PlayMaker/Scripts/SpeakUI.cs

5.85 Crosstales.RTVoice.PlayMaker.SpeakUIEditor Class Reference

Custom editor for the SpeakUI-action.

Inheritance diagram for Crosstales.RTVoice.PlayMaker.SpeakUIEditor:



Public Member Functions

- override void **OnEnable** ()
- override bool **OnGUI** ()

5.85.1 Detailed Description

Custom editor for the SpeakUI-action.

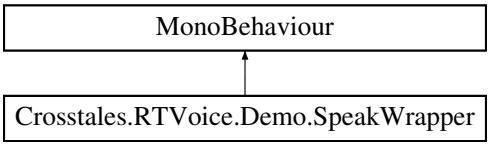
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/PlayMaker/Editor/SpeakUIEditor.cs

5.86 Crosstales.RTVoice.Demo.SpeakWrapper Class Reference

Wrapper for the dynamic speakers.

Inheritance diagram for Crosstales.RTVoice.Demo.SpeakWrapper:



Public Member Functions

- void **Start** ()
- void **Speak** ()

Public Attributes

- Voice **SpeakerVoice**
- InputField **Input**
- Text **Label**
- AudioSource **Audio**

5.86.1 Detailed Description

Wrapper for the dynamic speakers.

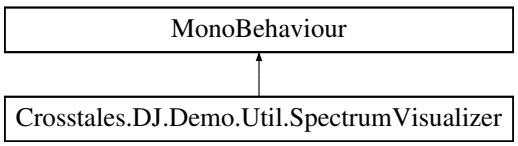
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Demo/Scripts/SpeakWrapper.cs

5.87 Crosstales.DJ.Demo.Util.SpectrumVisualizer Class Reference

Simple spectrum visualizer.

Inheritance diagram for Crosstales.DJ.Demo.Util.SpectrumVisualizer:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- FFTAnalyzer **Analyzer**
- GameObject **VisualPrefab**
- float **Width** = 0.075f
- float **Gain** = 70f
- bool **LeftToRight** = true
- float **Opacity** = 1f

5.87.1 Detailed Description

Simple spectrum visualizer.

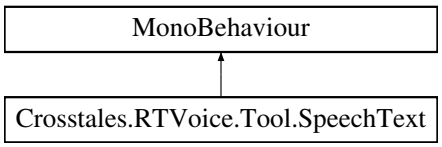
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ Scripts/Util/SpectrumVisualizer.cs

5.88 Crosstales.RTVoice.Tool.SpeechText Class Reference

Allows to speak and store generated audio.

Inheritance diagram for Crosstales.RTVoice.Tool.SpeechText:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **OnValidate** ()
- void Speak ()

  Speak the text.
- void Silence ()

  Silence the speech.

Public Attributes

- string Text = string.Empty

  Text to speak.
- Model.VoiceAlias Voices

  Voices for the speech.
- Model.Enum.SpeakMode Mode = Model.Enum.SpeakMode.Speak

  Speak mode (default: 'Speak').
- AudioSource Source

  AudioSource for the output (optional).
- float Rate = 1f

  Speech rate of the speaker in percent (1 = 100%, default: 1, optional).
- float Pitch = 1f

  Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).
- float Volume = 1f

  Volume of the speaker in percent (1 = 100%, default: 1, optional, Windows only).
- bool PlayOnStart = false

  Enable speaking of the text on start (default: false).
- float Delay = 0.2f

  Delay until the speech for this text starts (default: 0.2).
- bool GenerateAudioFile = false

  Generate audio file on/off (default: false).
- string FilePath = @"_generatedAudio/"

  File path for the generated audio.
- string FileName = "Speech01"

  File name of the generated audio.
- bool FileInsideAssets = true

  Is the generated file path inside the Assets-folder (current project)? If this option is enabled, it prefixes the path with 'Application.dataPath'.

Properties

- string CurrentText `[get, set]`

  Text to speak (main use is for UI).
- float CurrentRate `[get, set]`

  Speech rate of the speaker in percent (main use is for UI).
- float CurrentPitch `[get, set]`

  Speech pitch of the speaker in percent (main use is for UI).
- float CurrentVolume `[get, set]`

  Volume of the speaker in percent (main use is for UI).

5.88.1 Detailed Description

Allows to speak and store generated audio.

5.88.2 Member Function Documentation

5.88.2.1 void Crosstales.RTVoice.Tool.SpeechText.Silence ( )

Silence the speech.

5.88.2.2 void Crosstales.RTVoice.Tool.SpeechText.Speak ( )

Speak the text.

5.88.3 Member Data Documentation

5.88.3.1 float Crosstales.RTVoice.Tool.SpeechText.Delay = 0.2f

Delay until the speech for this text starts (default: 0.2).

5.88.3.2 bool Crosstales.RTVoice.Tool.SpeechText.FileInsideAssets = true

Is the generated file path inside the Assets-folder (current project)? If this option is enabled, it prefixes the path with 'Application.dataPath'.

5.88.3.3 string Crosstales.RTVoice.Tool.SpeechText.FileName = "Speech01"

File name of the generated audio.

5.88.3.4 string Crosstales.RTVoice.Tool.SpeechText.FilePath = @"_generatedAudio/"

File path for the generated audio.

5.88.3.5 bool Crosstales.RTVoice.Tool.SpeechText.GenerateAudioFile = false

Generate audio file on/off (default: false).

5.88.3.6 Model.Enum.SpeakMode Crosstales.RTVoice.Tool.SpeechText.Mode = Model.Enum.SpeakMode.Speak

Speak mode (default: 'Speak').

5.88.3.7 float Crosstales.RTVoice.Tool.SpeechText.Pitch = 1f

Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).

5.88.3.8 bool Crosstales.RTVoice.Tool.SpeechText.PlayOnStart = false

Enable speaking of the text on start (default: false).

5.88.3.9 float Crosstales.RTVoice.Tool.SpeechText.Rate = 1f

Speech rate of the speaker in percent (1 = 100%, default: 1, optional).

5.88.3.10 AudioSource Crosstales.RTVoice.Tool.SpeechText.Source

AudioSource for the output (optional).

5.88.3.11 string Crosstales.RTVoice.Tool.SpeechText.Text = string.Empty

Text to speak.

5.88.3.12 Model.VoiceAlias Crosstales.RTVoice.Tool.SpeechText.Voices

Voices for the speech.

5.88.3.13 float Crosstales.RTVoice.Tool.SpeechText.Volume = 1f

Volume of the speaker in percent (1 = 100%, default: 1, optional, Windows only).

5.88.4 Property Documentation

5.88.4.1 float Crosstales.RTVoice.Tool.SpeechText.CurrentPitch [get], [set]

Speech pitch of the speaker in percent (main use is for UI).

5.88.4.2 float Crosstales.RTVoice.Tool.SpeechText.CurrentRate [get], [set]

Speech rate of the speaker in percent (main use is for UI).

5.88.4.3 string Crosstales.RTVoice.Tool.SpeechText.CurrentText [get], [set]

Text to speak (main use is for UI).

5.88.4.4 float Crosstales.RTVoice.Tool.SpeechText.CurrentVolume [get],[set]

Volume of the speaker in percent (main use is for UI).

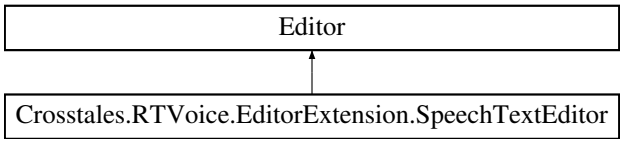
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Tool/SpeechText.cs

5.89 Crosstales.RTVoice.EditorExtension.SpeechTextEditor Class Reference

Custom editor for the 'SpeechText'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.SpeechTextEditor:



Public Member Functions

- void **OnEnable** ()
- void **OnDisable** ()
- override void **OnInspectorGUI** ()

5.89.1 Detailed Description

Custom editor for the 'SpeechText'-class.

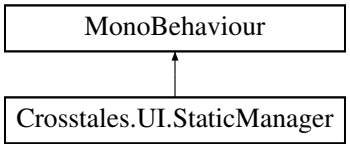
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Extension/SpeechTextEditor.cs

5.90 Crosstales.UI.StaticManager Class Reference

Static Button Manager.

Inheritance diagram for Crosstales.UI.StaticManager:



Public Member Functions

- void **Quit** ()
- void **OpenCrosstales** ()
- void **OpenAssetstore** ()

5.90.1 Detailed Description

Static Button Manager.

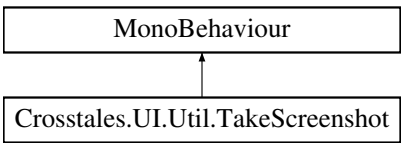
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/StaticManager.cs

5.91 Crosstales.UI.Util.TakeScreenshot Class Reference

Take a screen shot of the application.

Inheritance diagram for Crosstales.UI.Util.TakeScreenshot:



Public Member Functions

- void **Start** ()
- void **Update** ()

Public Attributes

- string **Prefix** = "CT_Screenshot"
- int **Scale** = 1
- KeyCode **KeyCode** = KeyCode.F8

5.91.1 Detailed Description

Take a screen shot of the application.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/Util/TakeScreenshot.cs

5.92 Crosstales.RTVoice.EditorTask.Telemetry Class Reference

Gather some telemetry data for the asset.

5.92.1 Detailed Description

Gather some telemetry data for the asset.

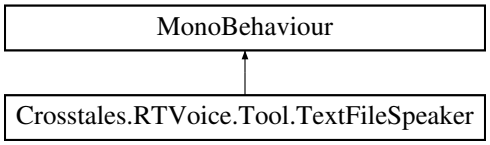
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Task/Telemetry.cs

5.93 Crosstales.RTVoice.Tool.TextFileSpeaker Class Reference

Allows to speak text files.

Inheritance diagram for Crosstales.RTVoice.Tool.TextFileSpeaker:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **OnValidate** ()
- void Speak ()

  Speaks a random text.
- string SpeakText (int index=-1)

  Speaks a text with an optional index.
- void Silence ()

  Silence the speech.

Public Attributes

- TextAsset[ ] TextFiles

  Text files to speak.
- Model.VoiceAlias Voices

  Voices for the speech.
- Model.Enum.SpeakMode Mode = Model.Enum.SpeakMode.Speak

  Speak mode (default: 'Speak').
- bool PlayOnStart = false

  Enable speaking of a random text file on start (default: false).
- float Delay = 0.2f

  Delay until the speech for this text starts (default: 0.2).
- AudioSource Source

  AudioSource for the output (optional).
- float Rate = 1f

  Speech rate of the speaker in percent (1 = 100%, default: 1, optional).
- float Pitch = 1f

  Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).
- float Volume = 1f

  Volume of the speaker in percent (1 = 100%, default: 1, optional, Windows only).

Properties

- float CurrentRate `[get, set]`

  Speech rate of the speaker in percent (main use is for UI).
- float CurrentPitch `[get, set]`

  Speech pitch of the speaker in percent (main use is for UI).
- float CurrentVolume `[get, set]`

  Volume of the speaker in percent (main use is for UI).

5.93.1 Detailed Description

Allows to speak text files.

5.93.2 Member Function Documentation

5.93.2.1 void Crosstales.RTVoice.Tool.TextFileSpeaker.Silence ( )

Silence the speech.

5.93.2.2 void Crosstales.RTVoice.Tool.TextFileSpeaker.Speak ( )

Speaks a random text.

5.93.2.3 string Crosstales.RTVoice.Tool.TextFileSpeaker.SpeakText (int *index* = `-1`)

Speaks a text with an optional index.

Parameters

index	Index of the text (default: -1 (random), optional).

Returns

UID of the speaker.

5.93.3 Member Data Documentation

5.93.3.1 float Crosstales.RTVoice.Tool.TextFileSpeaker.Delay = 0.2f

Delay until the speech for this text starts (default: 0.2).

5.93.3.2 Model.Enum.SpeakMode Crosstales.RTVoice.Tool.TextFileSpeaker.Mode = Model.Enum.SpeakMode.Speak

Speak mode (default: 'Speak').

5.93.3.3 float Crosstales.RTVoice.Tool.TextFileSpeaker.Pitch = 1f

Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).

5.93.3.4 bool Crosstales.RTVoice.Tool.TextFileSpeaker.PlayOnStart = false

Enable speaking of a random text file on start (default: false).

5.93.3.5 float Crosstales.RTVoice.Tool.TextFileSpeaker.Rate = 1f

Speech rate of the speaker in percent (1 = 100%, default: 1, optional).

5.93.3.6 AudioSource Crosstales.RTVoice.Tool.TextFileSpeaker.Source

AudioSource for the output (optional).

5.93.3.7 TextAsset [ ] Crosstales.RTVoice.Tool.TextFileSpeaker.TextFiles

Text files to speak.

5.93.3.8 Model.VoiceAlias Crosstales.RTVoice.Tool.TextFileSpeaker.Voices

Voices for the speech.

5.93.3.9 float Crosstales.RTVoice.Tool.TextFileSpeaker.Volume = 1f

Volume of the speaker in percent (1 = 100%, default: 1, optional, Windows only).

5.93.4 Property Documentation

5.93.4.1 float Crosstales.RTVoice.Tool.TextFileSpeaker.CurrentPitch [get], [set]

Speech pitch of the speaker in percent (main use is for UI).

5.93.4.2 float Crosstales.RTVoice.Tool.TextFileSpeaker.CurrentRate [get], [set]

Speech rate of the speaker in percent (main use is for UI).

5.93.4.3 float Crosstales.RTVoice.Tool.TextFileSpeaker.CurrentVolume [get], [set]

Volume of the speaker in percent (main use is for UI).

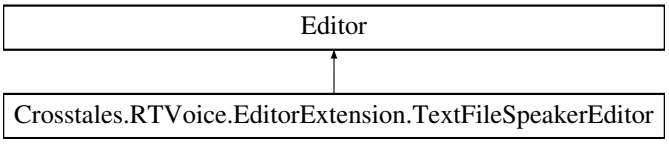
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Scripts/Tool/TextFileSpeaker.cs

5.94 Crosstales.RTVoice.EditorExtension.TextFileSpeakerEditor Class Reference

Custom editor for the 'TextFileSpeaker'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.TextFileSpeakerEditor:



Public Member Functions

- void **OnEnable** ()
- void **OnDisable** ()
- override void **OnInspectorGUI** ()

5.94.1 Detailed Description

Custom editor for the 'TextFileSpeaker'-class.

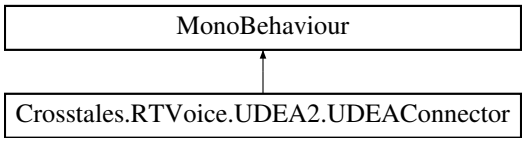
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Extension/TextFileSpeakerEditor.cs

5.95 Crosstales.RTVoice.UDEA2.UDEAConnector Class Reference

Connects UDEA and RT-Voice. Must be placed on a dialogue prefab.

Inheritance diagram for Crosstales.RTVoice.UDEA2.UDEAConnector:



Public Member Functions

- void **Start** ()
- void **OnDestroy** ()
- void **OnValidate** ()
- void **SpeakRT** ()

Public Attributes

- UDEAVoiceWrapper[ ] Voices

  Voices for the UDEA-characters (optional).
- string Culture

  Fallback culture for all sequences (e.g. 'en', optional).

5.95.1 Detailed Description

Connects UDEA and RT-Voice. Must be placed on a dialogue prefab.

5.95.2 Member Data Documentation

5.95.2.1 string Crosstales.RTVoice.UDEA2.UDEAConnector.Culture

Fallback culture for all sequences (e.g. 'en', optional).

5.95.2.2 UDEAVoiceWrapper [ ] Crosstales.RTVoice.UDEA2.UDEAConnector.Voices

Voices for the UDEA-characters (optional).

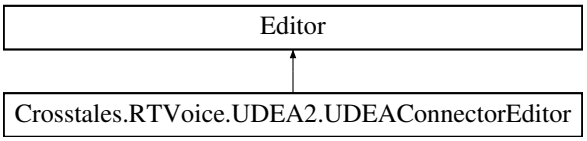
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/THE Dialogue Engine/Scripts/UDEAConnector.cs

5.96 Crosstales.RTVoice.UDEA2.UDEAConnectorEditor Class Reference

Custom editor for the 'UDEAConnector'-class.

Inheritance diagram for Crosstales.RTVoice.UDEA2.UDEAConnectorEditor:



Public Member Functions

- override void **OnInspectorGUI** ()

5.96.1 Detailed Description

Custom editor for the 'UDEAConnector'-class.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/THE Dialogue Engine/Editor/UDEAConnectorEditor.cs

5.97 Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper Class Reference

Wrapper for an UDEA-character to an RT-Voice.

Public Member Functions

- override string **ToString** ()

Public Attributes

- string UDEAVoiceName = string.Empty

  "Name of the UDEA-character on-screen.
- Model.VoiceAlias Voices

  Voices for the speech.
- AudioSource Source

  Origin AudioSource (optional).
- float Rate = 1f

  Speech rate of the speaker in percent (1 = 100%, default: 1, optional).
- float Pitch = 1f

  Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).
- float Volume = 1f

  Volume of the speaker in percent (1 = 100%, default: 1, optional).
- bool IgnoreCharacter = false

  Ignore this character (default: false).
- bool **initalized** = false

5.97.1 Detailed Description

Wrapper for an UDEA-character to an RT-Voice.

5.97.2 Member Data Documentation

5.97.2.1 bool Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper.IgnoreCharacter = false

Ignore this character (default: false).

5.97.2.2 float Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper.Pitch = 1f

Speech pitch of the speaker in percent (1 = 100%, default: 1, optional, mobile only).

5.97.2.3 float Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper.Rate = 1f

Speech rate of the speaker in percent (1 = 100%, default: 1, optional).

5.97.2.4 AudioSource Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper.Source

Origin AudioSource (optional).

5.97.2.5 string Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper.UDEAVoiceName = string.Empty

"Name of the UDEA-character on-screen.

5.97.2.6 Model.VoiceAlias Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper.Voices

Voices for the speech.

5.97.2.7 float Crosstales.RTVoice.UDEA2.UDEAVoiceWrapper.Volume = 1f

Volume of the speaker in percent (1 = 100%, default: 1, optional).

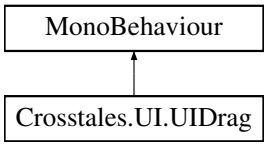
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RT↩ Voice/3rd party/THE Dialogue Engine/Scripts/UDEAVoiceWrapper.cs

5.98 Crosstales.UI.UIDrag Class Reference

Allow to Drag the Windows arround.

Inheritance diagram for Crosstales.UI.UIDrag:



Public Member Functions

- void **BeginDrag** ()
- void **OnDrag** ()

5.98.1 Detailed Description

Allow to Drag the Windows arround.

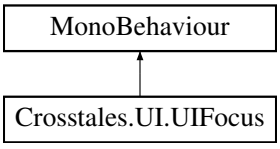
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/UIDrag.cs

5.99 Crosstales.UI.UIFocus Class Reference

Change the Focus on from a Window.

Inheritance diagram for Crosstales.UI.UIFocus:



Public Member Functions

- void **Start** ()
- void **OnPanelEnter** ()

Public Attributes

- string **CanvasName** = "Canvas"

5.99.1 Detailed Description

Change the Focus on from a Window.

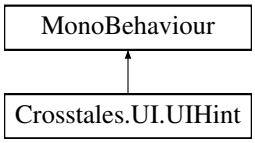
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/UI/Scripts/UIFocus.cs

5.100 Crosstales.UI.UIHint Class Reference

Controls a UI group (hint).

Inheritance diagram for Crosstales.UI.UIHint:



Public Member Functions

- void **Start** ()
- void **FadeUp** ()
- void **FadeDown** ()
- IEnumerator **LerpAlphaDown** (float startAlphaValue, float endAlphaValue, float time, float delay, CanvasGroup gameObjectToFade)
- IEnumerator **LerpAlphaUp** (float startAlphaValue, float endAlphaValue, float time, float delay, CanvasGroup gameObjectToFade)

Public Attributes

- CanvasGroup Group

  Group to fade.
- float Delay = 2f

  Delay in seconds before fading (default: 2).
- float FadeTime = 2f

  Fade time in seconds (default: 2).
- bool Disable = true

  Disable UI element after the fade (default: true).
- bool FadeAtStart = true

  Fade at Start (default: true).

5.100.1 Detailed Description

Controls a UI group (hint).

5.100.2 Member Data Documentation

5.100.2.1 float Crosstales.UI.UIHint.Delay = 2f

Delay in seconds before fading (default: 2).

5.100.2.2 bool Crosstales.UI.UIHint.Disable = true

Disable UI element after the fade (default: true).

5.100.2.3 bool Crosstales.UI.UIHint.FadeAtStart = true

Fade at Start (default: true).

5.100.2.4 float Crosstales.UI.UIHint.FadeTime = 2f

Fade time in seconds (default: 2).

5.100.2.5 CanvasGroup Crosstales.UI.UIHint.Group

Group to fade.

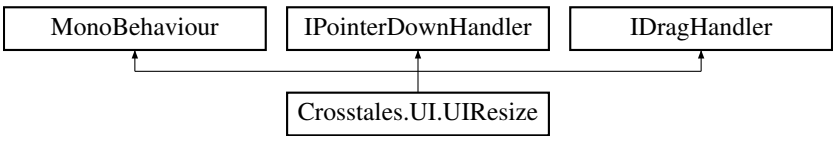
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/UIHint.cs

5.101 Crosstales.UI.UIResize Class Reference

Resize a UI element.

Inheritance diagram for Crosstales.UI.UIResize:



Public Member Functions

- void **Awake** ()
- void **OnPointerDown** (PointerEventData data)
- void **OnDrag** (PointerEventData data)

Public Attributes

- Vector2 MinSize = new Vector2(300, 160)

  Minimum size of the UI element.
- Vector2 MaxSize = new Vector2(800, 600)

  Maximum size of the UI element.

5.101.1 Detailed Description

Resize a UI element.

5.101.2 Member Data Documentation

5.101.2.1 Vector2 Crosstales.UI.UIResize.MaxSize = new Vector2(800, 600)

Maximum size of the UI element.

5.101.2.2 Vector2 Crosstales.UI.UIResize.MinSize = new Vector2(300, 160)

Minimum size of the UI element.

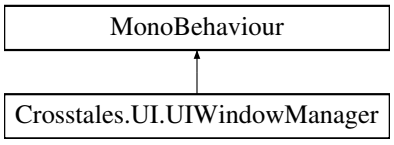
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/UIResize.cs

5.102 Crosstales.UI.UIWindowManager Class Reference

Change the state of all Window panels.

Inheritance diagram for Crosstales.UI.UIWindowManager:



Public Member Functions

- void **Start** ()
- void **ChangeState** (GameObject x)

Public Attributes

- GameObject[ ] Windows

  All Windows of the scene.

5.102.1 Detailed Description

Change the state of all Window panels.

5.102.2 Member Data Documentation

5.102.2.1 GameObject [ ] Crosstales.UI.UIWindowManager.Windows

All Windows of the scene.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/UIWindowManager.cs

5.103 Crosstales.RTVoice.EditorTask.UpdateCheck Class Reference

Checks for updates of the asset.

Static Public Member Functions

- static void **UpdateCheckForEditor** (out string result, out UpdateStatus st)

Public Attributes

- const string **TEXT_NOT_CHECKED** = "Not checked."
- const string **TEXT_NO_UPDATE** = "No update available - you are using the latest version."

5.103.1 Detailed Description

Checks for updates of the asset.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Editor/Task/UpdateCheck.cs

5.104 Crosstales.RTVoice.Model.Voice Class Reference

Model for a voice.

Public Member Functions

- Voice (string name, string description, Enum.Gender gender, string age, string culture)

  Instantiate the class.
- override string **ToString** ()

Public Attributes

- string Name

  Name of the RT-Voice.
- string Description = string.Empty

  Description of the RT-Voice.
- Enum.Gender Gender = Enum.Gender.UNKNOWN

  Gender of the RT-Voice (Windows standalone and MaryTTS).
- string Age = string.Empty

  Age of the RT-Voice (Windows only).
- string Culture = string.Empty

  Culture of the RT-Voice.

5.104.1 Detailed Description

Model for a voice.

5.104.2 Constructor & Destructor Documentation

5.104.2.1 Crosstales.RTVoice.Model.Voice.Voice (string *name,* string *description,* Enum.Gender *gender,* string *age,* string *culture*)

Instantiate the class.

Parameters

name	Name of the RT-Voice.
description	Description of the RT-Voice.
gender	Gender of the RT-Voice (Windows standalone and MaryTTS).
age	Age of the RT-Voice (Windows only).
culture	Culture of the RT-Voice.

5.104.3 Member Data Documentation

5.104.3.1 string Crosstales.RTVoice.Model.Voice.Age = string.Empty

Age of the RT-Voice (Windows only).

5.104.3.2 string Crosstales.RTVoice.Model.Voice.Culture = string.Empty

Culture of the RT-Voice.

5.104.3.3 string Crosstales.RTVoice.Model.Voice.Description = string.Empty

Description of the RT-Voice.

5.104.3.4 Enum.Gender Crosstales.RTVoice.Model.Voice.Gender = Enum.Gender.UNKNOWN

Gender of the RT-Voice (Windows standalone and MaryTTS).

5.104.3.5 string Crosstales.RTVoice.Model.Voice.Name

Name of the RT-Voice.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Model/Voice.cs

5.105 Crosstales.RTVoice.Model.VoiceAlias Class Reference

Alias for multiple voices on different platforms.

Public Member Functions

- override string **ToString** ()

Public Attributes

- string VoiceNameWindows = "Microsoft David Desktop"
  Name of the voice under Windows.
- string VoiceNameMac = "Alex"
  Name of the voice under macOS.
- string VoiceNameLinux = "english"
  Name of the voice under Linux and for eSpeak.
- string VoiceNameAndroid = "en"
  Name of the voice under Android.
- string VoiceNameIOS = "Daniel"
  Name of the voice under iOS.
- string VoiceNameWSA = "Microsoft David Mobile"
  Name of the voice under WSA.
- string VoiceNameMaryTTS = "cmu-rms-hsmm"
  Name of the voice under MaryTTS.
- string Culture = "en"
  Fallback culture for the text (e.g. 'en', optional).
- Enum.Gender Gender = Enum.Gender.UNKNOWN
  Fallback gender for the text.

Properties

- string VoiceName [get]

  Returns the name of the voice for the current platform.
- Voice Voice [get]

  Returns the voice for the current platform.

5.105.1 Detailed Description

Alias for multiple voices on different platforms.

5.105.2 Member Data Documentation

5.105.2.1 string Crosstales.RTVoice.Model.VoiceAlias.Culture = "en"

Fallback culture for the text (e.g. 'en', optional).

5.105.2.2 Enum.Gender Crosstales.RTVoice.Model.VoiceAlias.Gender = Enum.Gender.UNKNOWN

Fallback gender for the text.

5.105.2.3 string Crosstales.RTVoice.Model.VoiceAlias.VoiceNameAndroid = "en"

Name of the voice under Android.

5.105.2.4 string Crosstales.RTVoice.Model.VoiceAlias.VoiceNameIOS = "Daniel"

Name of the voice under iOS.

5.105.2.5 string Crosstales.RTVoice.Model.VoiceAlias.VoiceNameLinux = "english"

Name of the voice under Linux and for eSpeak.

5.105.2.6 string Crosstales.RTVoice.Model.VoiceAlias.VoiceNameMac = "Alex"

Name of the voice under macOS.

5.105.2.7 string Crosstales.RTVoice.Model.VoiceAlias.VoiceNameMaryTTS = "cmu-rms-hsmm"

Name of the voice under MaryTTS.

5.105.2.8 string Crosstales.RTVoice.Model.VoiceAlias.VoiceNameWindows = "Microsoft David Desktop"

Name of the voice under Windows.

5.105.2.9 string Crosstales.RTVoice.Model.VoiceAlias.VoiceNameWSA = "Microsoft David Mobile"

Name of the voice under WSA.

5.105.3 Property Documentation

5.105.3.1 Voice Crosstales.RTVoice.Model.VoiceAlias.Voice [get]

Returns the voice for the current platform.

Returns

The voice for the current platform.

5.105.3.2 string Crosstales.RTVoice.Model.VoiceAlias.VoiceName [get]

Returns the name of the voice for the current platform.

Returns

The name of the voice for the current platform.

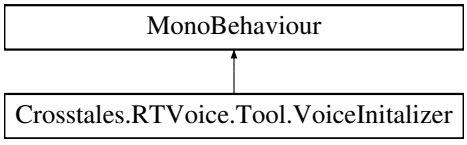
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Model/VoiceAlias.cs

5.106 Crosstales.RTVoice.Tool.VoiceInitalizer Class Reference

Allows to initalize voices (useful on Android).

Inheritance diagram for Crosstales.RTVoice.Tool.VoiceInitalizer:



Public Member Functions

- void **Start** ()
- void **OnEnable** ()
- void **OnDisable** ()

Public Attributes

- Model.Enum.ProviderType Provider = Model.Enum.ProviderType.Android

  Selected provider to initalize the voices (default: Android).
- string[ ] VoiceNames

  Initialize voices by name.
- bool AllVoices = false

  Initialize all voices (default: false).
- bool DestroyWhenFinished = true

  Destroy the gameobject after initialize (default: true).

5.106.1 Detailed Description

Allows to initalize voices (useful on Android).

5.106.2 Member Data Documentation

5.106.2.1 bool Crosstales.RTVoice.Tool.VoiceInitalizer.AllVoices = false

Initialize all voices (default: false).

5.106.2.2 bool Crosstales.RTVoice.Tool.VoiceInitalizer.DestroyWhenFinished = true

Destroy the gameobject after initialize (default: true).

5.106.2.3 Model.Enum.ProviderType Crosstales.RTVoice.Tool.VoiceInitalizer.Provider = Model.Enum.ProviderType.Android

Selected provider to initalize the voices (default: Android).

5.106.2.4 string [ ] Crosstales.RTVoice.Tool.VoiceInitalizer.VoiceNames

Initialize voices by name.

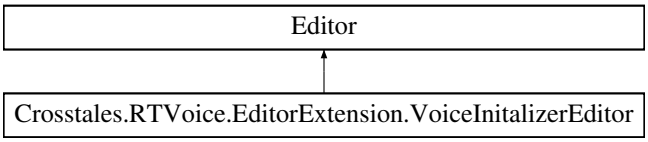
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Tool/VoiceInitalizer.cs

5.107 Crosstales.RTVoice.EditorExtension.VoiceInitalizerEditor Class Reference

Custom editor for the 'VoiceInitalizer'-class.

Inheritance diagram for Crosstales.RTVoice.EditorExtension.VoiceInitalizerEditor:



Public Member Functions

- void **OnEnable** ()
- override void **OnInspectorGUI** ()

5.107.1 Detailed Description

Custom editor for the 'VoiceInitalizer'-class.

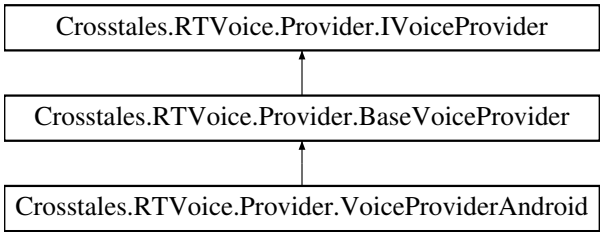
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Editor/Extension/VoiceInitalizerEditor.cs

5.108 Crosstales.RTVoice.Provider.VoiceProviderAndroid Class Reference

Android voice provider.

Inheritance diagram for Crosstales.RTVoice.Provider.VoiceProviderAndroid:



Public Member Functions

- VoiceProviderAndroid (MonoBehaviour obj)

  Constructor for VoiceProviderAndroid.
- override IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- override IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- override IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.
- override void Silence ()

  Silence all active TTS-providers.
- void **ShutdownTTS** ()

Properties

- override string **AudioFileExtension** `[get]`
- override System.Collections.Generic.List< Model.Voice > **Voices** `[get]`

Additional Inherited Members

5.108.1 Detailed Description

Android voice provider.

5.108.2 Constructor & Destructor Documentation

5.108.2.1 Crosstales.RTVoice.Provider.VoiceProviderAndroid.VoiceProviderAndroid (MonoBehaviour *obj*)

Constructor for VoiceProviderAndroid.

Parameters

obj	Instance of the speaker

5.108.3 Member Function Documentation

5.108.3.1 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderAndroid.Generate (Model.Wrapper *wrapper*) `[virtual]`

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.108.3.2 override void Crosstales.RTVoice.Provider.VoiceProviderAndroid.Silence ( ) `[virtual]`

Silence all active TTS-providers.

Reimplemented from Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.108.3.3 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderAndroid.Speak (Model.Wrapper *wrapper*) `[virtual]`

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.108.3.4 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderAndroid.SpeakNative (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

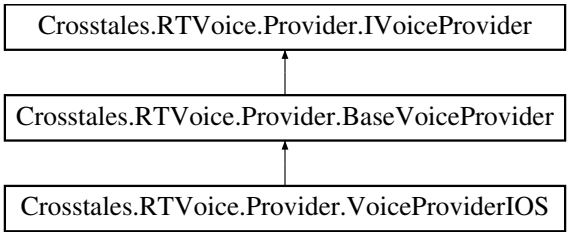
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Scripts/Provider/VoiceProviderAndroid.cs

5.109 Crosstales.RTVoice.Provider.VoiceProviderIOS Class Reference

iOS voice provider.

Inheritance diagram for Crosstales.RTVoice.Provider.VoiceProviderIOS:



Public Member Functions

- VoiceProviderIOS (MonoBehaviour obj)
  Constructor for VoiceProviderIOS.
- override IEnumerator SpeakNative (Model.Wrapper wrapper)
  The current provider speaks a text with a given voice (native mode).
- override IEnumerator Speak (Model.Wrapper wrapper)
  The current provider speaks a text with a given voice.
- override IEnumerator Generate (Model.Wrapper wrapper)
  The current provider generates an audio file from a text with a given voice.
- override void Silence ()
  Silence all active TTS-providers.

Static Public Member Functions

- static void SetVoices (string voicesText)

  Receives all voices
- static void SetState (string state)

  Receives the state of the speaker.
- static void WordSpoken ()

  Called everytime a new word is spoken.

Properties

- override string **AudioFileExtension** `[get]`
- override System.Collections.Generic.List< Model.Voice > **Voices** `[get]`

Additional Inherited Members

5.109.1 Detailed Description

iOS voice provider.

5.109.2 Constructor & Destructor Documentation

5.109.2.1 Crosstales.RTVoice.Provider.VoiceProviderIOS.VoiceProviderIOS (MonoBehaviour *obj*)

Constructor for VoiceProviderIOS.

Parameters

obj	Instance of the speaker

5.109.3 Member Function Documentation

5.109.3.1 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderIOS.Generate (Model.Wrapper *wrapper*) `[virtual]`

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.109.3.2 static void Crosstales.RTVoice.Provider.VoiceProviderIOS.SetState (string *state*) [static]

Receives the state of the speaker.

Parameters

state	The state of the speaker.

5.109.3.3 static void Crosstales.RTVoice.Provider.VoiceProviderIOS.SetVoices (string *voicesText*) [static]

Receives all voices

Parameters

voicesText	All voices as text string.

5.109.3.4 override void Crosstales.RTVoice.Provider.VoiceProviderIOS.Silence ( ) [virtual]

Silence all active TTS-providers.

Reimplemented from Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.109.3.5 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderIOS.Speak (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.109.3.6 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderIOS.SpeakNative (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.109.3.7 static void Crosstales.RTVoice.Provider.VoiceProviderIOS.WordSpoken ( ) [static]

Called everytime a new word is spoken.

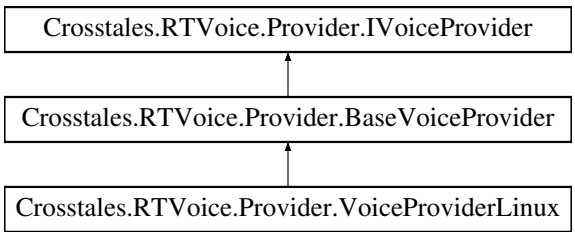
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Provider/VoiceProviderIOS.cs

5.110 Crosstales.RTVoice.Provider.VoiceProviderLinux Class Reference

Linux voice provider. Note: needs eSpeak to work: => http://espeak.sourceforge.net/

Inheritance diagram for Crosstales.RTVoice.Provider.VoiceProviderLinux:



Public Member Functions

- VoiceProviderLinux (MonoBehaviour obj)

  Constructor for VoiceProviderLinux.
- override IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- override IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- override IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.

Properties

- override string **AudioFileExtension** [get]
- override System.Collections.Generic.List< Model.Voice > **Voices** [get]

Additional Inherited Members

5.110.1 Detailed Description

Linux voice provider. Note: needs eSpeak to work: => http://espeak.sourceforge.net/

5.110.2 Constructor & Destructor Documentation

5.110.2.1 Crosstales.RTVoice.Provider.VoiceProviderLinux.VoiceProviderLinux (MonoBehaviour *obj*)

Constructor for VoiceProviderLinux.

Parameters

obj	Instance of the speaker

5.110.3 Member Function Documentation

5.110.3.1 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderLinux.Generate (Model.Wrapper *wrapper*) [virtual]

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.110.3.2 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderLinux.Speak (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.110.3.3 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderLinux.SpeakNative (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

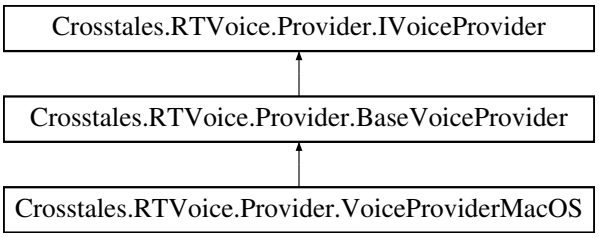
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Scripts/Provider/VoiceProviderLinux.cs

5.111 Crosstales.RTVoice.Provider.VoiceProviderMacOS Class Reference

MacOS voice provider.

Inheritance diagram for Crosstales.RTVoice.Provider.VoiceProviderMacOS:



Public Member Functions

- VoiceProviderMacOS (MonoBehaviour obj)

  Constructor for VoiceProviderMacOS.
- override IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- override IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- override IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.

Properties

- override string **AudioFileExtension** `[get]`
- override System.Collections.Generic.List< Model.Voice > **Voices** `[get]`

Additional Inherited Members

5.111.1 Detailed Description

MacOS voice provider.

5.111.2 Constructor & Destructor Documentation

5.111.2.1 Crosstales.RTVoice.Provider.VoiceProviderMacOS.VoiceProviderMacOS (MonoBehaviour *obj*)

Constructor for VoiceProviderMacOS.

Parameters

obj	Instance of the speaker

5.111.3 Member Function Documentation

5.111.3.1 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderMacOS.Generate (Model.Wrapper *wrapper*) [virtual]

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.111.3.2 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderMacOS.Speak (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.111.3.3 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderMacOS.SpeakNative (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

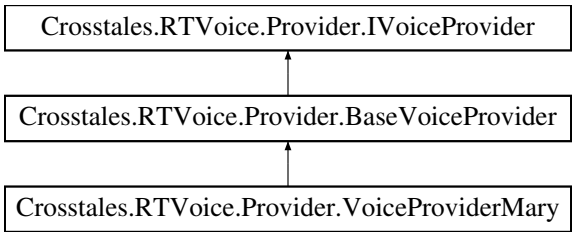
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Provider/VoiceProviderMacOS.cs

5.112 Crosstales.RTVoice.Provider.VoiceProviderMary Class Reference

MaryTTS voice provider.

Inheritance diagram for Crosstales.RTVoice.Provider.VoiceProviderMary:



Public Member Functions

- VoiceProviderMary (MonoBehaviour obj, string url, int port, string user, string password, Model.Enum.Mary↩ TTSType type)

  Constructor for VoiceProviderMary. Needed to pass IP and Port of the MaryTTS server to the Provider.
- override IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- override IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- override IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.
- override void Silence ()

  Silence all active TTS-providers.

Properties

- override string **AudioFileExtension** `[get]`
- override System.Collections.Generic.List< Model.Voice > **Voices** `[get]`

Additional Inherited Members

5.112.1 Detailed Description

MaryTTS voice provider.

5.112.2 Constructor & Destructor Documentation

5.112.2.1 Crosstales.RTVoice.Provider.VoiceProviderMary.VoiceProviderMary (MonoBehaviour *obj,* string *url,* int *port,* string *user,* string *password,* Model.Enum.MaryTTSType *type*)

Constructor for VoiceProviderMary. Needed to pass IP and Port of the MaryTTS server to the Provider.

Parameters

obj	Instance of the speaker
url	IP-Address of the MaryTTS-server
port	Port to connect to on the MaryTTS-server

5.112.3 Member Function Documentation

5.112.3.1 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderMary.Generate (Model.Wrapper *wrapper*) [virtual]

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.112.3.2 override void Crosstales.RTVoice.Provider.VoiceProviderMary.Silence ( ) [virtual]

Silence all active TTS-providers.

Reimplemented from Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.112.3.3 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderMary.Speak (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.112.3.4 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderMary.SpeakNative (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

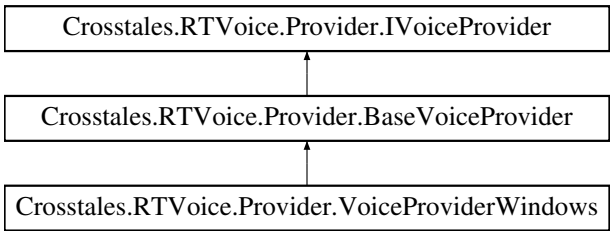
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Provider/VoiceProviderMary.cs

5.113 Crosstales.RTVoice.Provider.VoiceProviderWindows Class Reference

Windows voice provider.

Inheritance diagram for Crosstales.RTVoice.Provider.VoiceProviderWindows:



Public Member Functions

- VoiceProviderWindows (MonoBehaviour obj)

  Constructor for VoiceProviderWindows.
- override IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- override IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- override IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.

Properties

- override string **AudioFileExtension** `[get]`
- override System.Collections.Generic.List< Model.Voice > **Voices** `[get]`

Additional Inherited Members

5.113.1 Detailed Description

Windows voice provider.

5.113.2 Constructor & Destructor Documentation

5.113.2.1 Crosstales.RTVoice.Provider.VoiceProviderWindows.VoiceProviderWindows (MonoBehaviour *obj*)

Constructor for VoiceProviderWindows.

Parameters

obj	Instance of the speaker

5.113.3 Member Function Documentation

5.113.3.1 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderWindows.Generate (Model.Wrapper *wrapper*) [virtual]

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.113.3.2 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderWindows.Speak (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.113.3.3 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderWindows.SpeakNative (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

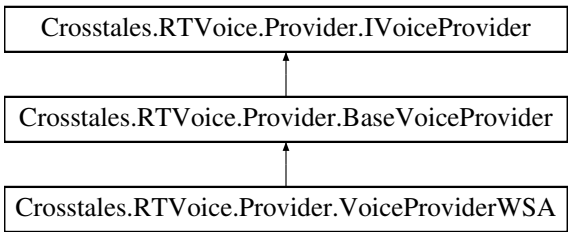
Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/Scripts/Provider/VoiceProviderWindows.cs

5.114 Crosstales.RTVoice.Provider.VoiceProviderWSA Class Reference

Inheritance diagram for Crosstales.RTVoice.Provider.VoiceProviderWSA:



Public Member Functions

- VoiceProviderWSA (MonoBehaviour obj)

  Constructor for VoiceProviderWSA.
- override IEnumerator SpeakNative (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice (native mode).
- override IEnumerator Speak (Model.Wrapper wrapper)

  The current provider speaks a text with a given voice.
- override IEnumerator Generate (Model.Wrapper wrapper)

  The current provider generates an audio file from a text with a given voice.
- override void Silence ()

  Silence all active TTS-providers.

Properties

- override string **AudioFileExtension** `[get]`
- override System.Collections.Generic.List< Model.Voice > **Voices** `[get]`

Additional Inherited Members

5.114.1 Constructor & Destructor Documentation

5.114.1.1 Crosstales.RTVoice.Provider.VoiceProviderWSA.VoiceProviderWSA (MonoBehaviour *obj*)

Constructor for VoiceProviderWSA.

Parameters

obj	Instance of the speaker

5.114.2 Member Function Documentation

5.114.2.1 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderWSA.Generate (Model.Wrapper *wrapper*) `[virtual]`

The current provider generates an audio file from a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.114.2.2 override void Crosstales.RTVoice.Provider.VoiceProviderWSA.Silence ( ) [virtual]

Silence all active TTS-providers.

Reimplemented from Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.114.2.3 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderWSA.Speak (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice.

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

5.114.2.4 override IEnumerator Crosstales.RTVoice.Provider.VoiceProviderWSA.SpeakNative (Model.Wrapper *wrapper*) [virtual]

The current provider speaks a text with a given voice (native mode).

Parameters

wrapper	Wrapper containing the data.

Implements Crosstales.RTVoice.Provider.BaseVoiceProvider.

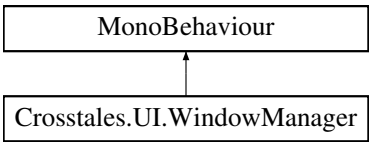
The documentation for this class was generated from the following file:

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Provider/VoiceProviderWSA.cs

5.115 Crosstales.UI.WindowManager Class Reference

Manager for a Window.

Inheritance diagram for Crosstales.UI.WindowManager:



Public Member Functions

- void **Start** ()
- void **Update** ()
- void **SwitchPanel** ()
- void **OpenPanel** ()
- void **ClosePanel** ()

Public Attributes

- float Speed = 3f

  Window movement speed (default: 3).
- GameObject[ ] Dependencies

  Dependent GameObjects (active == open).

5.115.1 Detailed Description

Manager for a Window.

5.115.2 Member Data Documentation

5.115.2.1 GameObject [ ] Crosstales.UI.WindowManager.Dependencies

Dependent GameObjects (active == open).

5.115.2.2 float Crosstales.UI.WindowManager.Speed = 3f

Window movement speed (default: 3).

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/Common/↩ UI/Scripts/WindowManager.cs

5.116 Crosstales.RTVoice.Model.Wrapper Class Reference

Wrapper for "Speak"-function calls.

Public Member Functions

- Wrapper ()

  Default.
- Wrapper (string text, Voice voice=null, float rate=1f, float pitch=1f, float volume=1f, AudioSource source=null, bool speakImmediately=true, string outputFile="")

  Instantiate the class.
- Wrapper (string uid, string text, Voice voice=null, float rate=1f, float pitch=1f, float volume=1f, AudioSource source=null, bool speakImmediately=true, string outputFile="")

  Instantiate the class.
- override string **ToString** ()

Public Attributes

- string Uid

  UID of the speech.
- AudioSource Source

  AudioSource for the speech.
- Voice Voice

  Voice for the speech.
- bool SpeakImmediately = true

  Speak immediatlely after the audio generation. Only works if 'Source' is not null.
- string OutputFile

  Output file (without extension) for the generated audio.

Properties

- string Text `[get, set]`

  Text for the speech.
- float Rate `[get, set]`

  Rate of the speech (values: 0-3).
- float Pitch `[get, set]`

  Pitch of the speech (values: 0-2).
- float Volume `[get, set]`

  Volume of the speech (values: 0-1).
- System.DateTime Created `[get]`

  Returns the creation time of the RecordInfo.

5.116.1 Detailed Description

Wrapper for "Speak"-function calls.

5.116.2 Constructor & Destructor Documentation

5.116.2.1 Crosstales.RTVoice.Model.Wrapper.Wrapper ( )

Default.

5.116.2.2 Crosstales.RTVoice.Model.Wrapper.Wrapper (string *text*, Voice *voice* = `null`, float *rate* = `1f`, float *pitch* = `1f`, float *volume* = `1f`, AudioSource *source* = `null`, bool *speakImmediately* = `true`, string *outputFile* = " ")

Instantiate the class.

Parameters

text	Text for the speech.
voice	Voice for the speech (default: null, optional).
rate	Rate of the speech (values: 0-3, default: 1, optional).
pitch	Pitch of the speech (values: 0-2, default: 1, optional).
volume	Volume of the speech (values: 0-1, default: 1, optional).
source	AudioSource for the speech (default: null, optional).
speakImmediately	Speak immediatlely after the audio generation. Only works if 'Source' is not null (default: true, optional).
outputFile	Output file (without extension) for the generated audio (default: empty, optional).

5.116.2.3 Crosstales.RTVoice.Model.Wrapper.Wrapper (string *uid*, string *text*, Voice *voice* = `null`, float *rate* = `1f`, float *pitch* = `1f`, float *volume* = `1f`, AudioSource *source* = `null`, bool *speakImmediately* = `true`, string *outputFile* = `""`)

Instantiate the class.

Parameters

uid	UID of the speech.
voice	Voice for the speech (default: null, optional).
rate	Rate of the speech (values: 0-3, default: 1, optional).
pitch	Pitch of the speech (values: 0-2, default: 1, optional).
volume	Volume of the speech (values: 0-1, default: 1, optional).
source	AudioSource for the speech (default: null, optional).
speakImmediately	Speak immediatlely after the audio generation. Only works if 'Source' is not null (default: true, optional).
outputFile	Output file (without extension) for the generated audio (default: empty, optional).

5.116.3 Member Data Documentation

5.116.3.1 string Crosstales.RTVoice.Model.Wrapper.OutputFile

Output file (without extension) for the generated audio.

5.116.3.2 AudioSource Crosstales.RTVoice.Model.Wrapper.Source

AudioSource for the speech.

5.116.3.3 bool Crosstales.RTVoice.Model.Wrapper.SpeakImmediately = true

Speak immediatlely after the audio generation. Only works if 'Source' is not null.

5.116.3.4 string Crosstales.RTVoice.Model.Wrapper.Uid

UID of the speech.

5.116.3.5 Voice Crosstales.RTVoice.Model.Wrapper.Voice

Voice for the speech.

5.116.4 Property Documentation

5.116.4.1 System.DateTime Crosstales.RTVoice.Model.Wrapper.Created [get]

Returns the creation time of the RecordInfo.

Returns

Creation time of the RecordInfo.

5.116.4.2 float Crosstales.RTVoice.Model.Wrapper.Pitch [get], [set]

Pitch of the speech (values: 0-2).

5.116.4.3 float Crosstales.RTVoice.Model.Wrapper.Rate [get], [set]

Rate of the speech (values: 0-3).

5.116.4.4 string Crosstales.RTVoice.Model.Wrapper.Text [get], [set]

Text for the speech.

5.116.4.5 float Crosstales.RTVoice.Model.Wrapper.Volume [get], [set]

Volume of the speech (values: 0-1).

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

- D:/slaubenberger/git/assets/RTVoicePro/3rd party/RTVoice_3rd_party/Assets/Plugins/crosstales/RTVoice/↩ Scripts/Model/Wrapper.cs

Chapter 6

More information

6.1 Homepage

https://www.crosstales.com/en/portfolio/rtvoice/

6.2 AssetStore

https://goo.gl/qwtXyb

6.3 Forum

http://goo.gl/Z6MZMl

6.4 Documentation

https://www.crosstales.com/media/data/assets/rtvoice/RTVoice-doc.pdf

6.5 Demos

6.5.1 WebGL

https://www.crosstales.com/media/data/assets/rtvoice/webgl/

6.5.2 Windows

https://www.crosstales.com/media/data/assets/rtvoice/downloads/RTVoice_demo_win.zip

6.5.3 macOS

https://www.crosstales.com/media/data/assets/rtvoice/downloads/RTVoice_demo_mac.zip

6.5.4 Android

https://www.crosstales.com/media/rtvoice/RTVoice.apk

6.6 Videos

https://www.youtube.com/c/Crosstales

6.6.1 Promotion

https://youtu.be/iVhTWDLY7g8?list=PLgtonIOr6Tb41XTMeeZ836tjHlKgOO84S

6.6.2 Tutorial

https://youtu.be/OJyVgCmX3wU?list=PLgtonIOr6Tb41XTMeeZ836tjHlKgOO84S

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