VoiceMemo for MediaPortal

Version 1.9.1

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1. Summary

VoiceMemo is a MediaPortal plugin to record, play and send voice memos.

2. Requirements

This plugin requires MediaPortal v1.3.0 or higher (for more information see the homepage http://www.team-mediaportal.com) and appropriate playback and record devices.
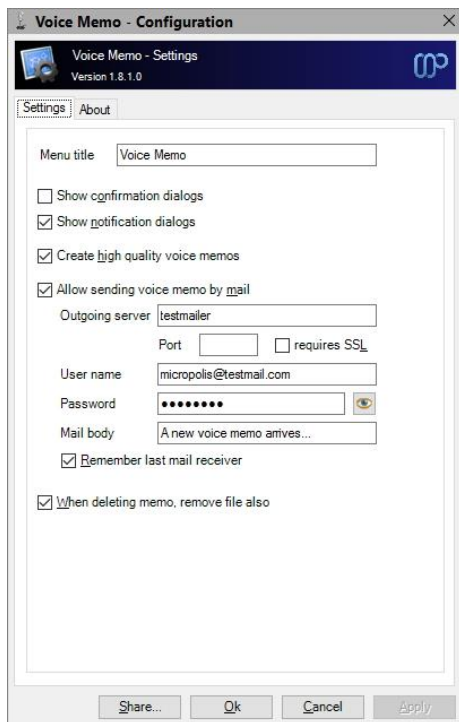
3. Installation

To install the VoiceMemo plugin, please run the installer "VoiceMemo.mpe1" or, if you want to manually install the plugin, follow the described steps:

Step 1: unzip the file "VoiceMemo.zip" to a temporary directory and open this directory
Step 2: navigate to folder "*VoiceMemo\Release\Plugins\Windows*"
Step 3: copy all files to the MediaPortal plugin directory, e.g. "*c:\program files\team mediaportal\plugins\windows*"
Step 4: navigate to folder "*VoiceMemo\Release\Skin\Default*"
Step 5: copy all files and directories to your MediaPortal skin folder, e.g. "*c:\program data\team mediaportal\mediaportal\skin\default*"
Step 6: navigate to folder "*VoiceMemo\Release\Skin\Default\Media*"
Step 7: copy all files and directories to your MediaPortal skin folder, e.g. "*c:\program data\team mediaportal\mediaportal\skin\default\media*"
Step 8: navigate to folder "*VoiceMemo\Release\Language\VoiceMemo*"
Step 9: copy all files to your MediaPortal language folder, e.g. "*c:\program data\team mediaportal\mediaportal\language\VoiceMemo*"

4.   Configuration

VoiceMemo has specific configuration options. To change this, please open your MediaPortal Configuration Utility, go to "Plugins", select "VoiceMemo" in the list of plugins and press button "Config" to change options.

4.1.   Settings

Menu title: Enter the menu title here.

Show confirmation dialogs: If this option is turned on, a confirmation dialog opens before starting any action.

Show notification dialogs: If this option is turned on, notification dialog opens in various situations.

Create high quality voice memo: If this option is turned on, a higher bit rate for recordings are used.

Allow sending voice memo by mail: If this option is turned on, the option to send voice memos by mail is enabled. To use this functionality, please configure all required settings before.

When deleting memo, remove file also: If this option is turned on, recorded media files will be removed physically from your hard disk.

5.   Settings and Profile Sharing

By default, all plugin related settings will be saved locally inside the pre-configured client data directory of MediaPortal. In addition to that, VoiceMemo allows sharing settings and profile information among clients. This way you have to define your various plugin settings, credentials, etc. only once and accordingly every client can access this data. Before starting with settings and profiles sharing, please observe the following hints and requirements.

- In principle all local and network storages or cloud services (e.g. OneDrive, Dropbox, SugarSync) can be used for sharing. Before using this feature, possible device or service specific configurations should be checked to prevent access or synchronization problems later.
- The current implementation does not support concurrent read or write operations. Also, the synchronization or latency behavior of a device or service cannot be influenced.
- When using a shared network folder, the device must be available and the operating system must know the credentials to access the device.
- When using an OneDrive folder, an internet connection must be established and the synchronization tool must be installed and running across all devices. Additionally the selected OneDrive folder must be available offline (Windows 8 and below only) or enabled as a sync folder.
- When using a Dropbox folder, an internet connection must be established and the synchronization tool must be installed and running across all devices. Additionally the selected Dropbox folder must be enabled as a selective sync folder.
- To share passwords or keys correctly, all synchronized devices must be in the same network domain or workgroup.

The button "Share" inside the dialog allows the definition of the central configuration storage path. Enter this path information in every client's setup to ensure, that each clients will use the same settings.

Depending on the selection, the button "Ok" will use the central file storage as defined (when sharing is enabled) or the pre-configured client data directory (when sharing is disabled). The button "Apply" acts in the same way without closing the configuration dialog itself.

6.   Window Properties

This plugin offers some properties, see the following table for more information.

Property Name	Return value
#VoiceMemo.Action	Current action (e.g. "Recording…")
#VoiceMemo.Count	Count of voice memos
#VoiceMemo.Position	Current recording/playing position
#VoiceMemo.NewMemoCount	Count of voice memos, which was never played before
#VoiceMemo.NewMemoImage	Status image for never played voice memos[2]
#VoiceMemo.Date	Recording date of selected voice memo
#VoiceMemo.Duration	Duration of selected voice memo
#VoiceMemo.FileName	File name of selected voice memo
#VoiceMemo.State	Status of selected voice memo (new/played)
#VoiceMemo.StateImage	Status image of selected voice memo[1]
#VoiceMemo.Text	Recognition text for selected voice memo
#VoiceMemo.Time	Recording time of selected voice memo
#VoiceMemo.Title	Title of selected voice memo
#VoiceMemo.InputDevice<digit>[3]Name	Name of record device(s)
#VoiceMemo.OutputDevice<digit>[3]Name	Name of playback device(s)

[1] valid image names are "voicememo_new.png", "voicememo_played.png" or "voicememo_mailed.png"

[2] valid image names are "voicememo_newmemo.png"

[3] <digit> is a valid number between 0 and 10

7.   Button Functions

Start/Stop Recording: Start or stop recording of new voice memo.

Change Input Device: Allows you to change the input device (visible, if more than 1 device can be found).

8.   Context Menu Functions

Start/Stop Recording: Start or stop recording of new voice memo.

Start/Stop Playing: Start or stop playing for selected voice memo.

Rename memo title: Rename title for selected voice memo.
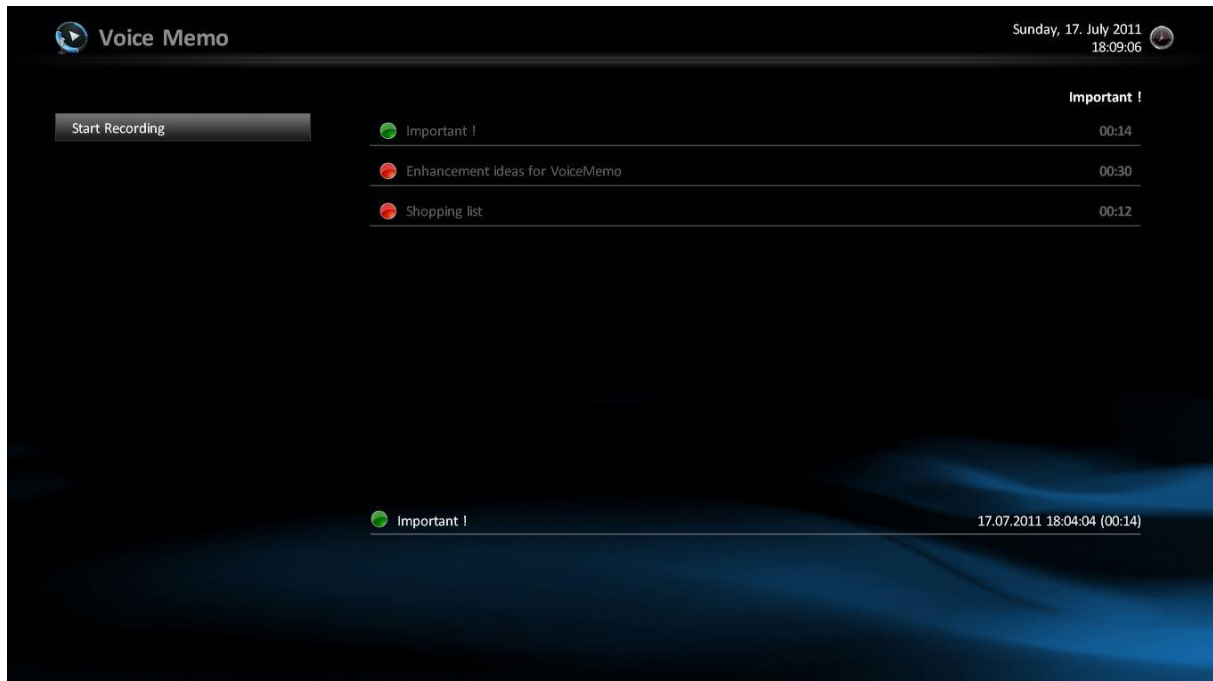
Delete memo: Delete selected voice memo.

Delete all memos: Delete all voice memos.

Reset playing status: Reset playing status for selected voice memo.

Recognize memo text: Tries to recognize selected voice memo.

Send memo by mail: Send the selected voice memo to defined mail account.

9.   Screenshots

VoiceMemo example

10. Version History

- 0.1.0 – Internal Release
- 0.2.0 – Initial Community Release
- 0.2.1 – add Mail functionality
- 0.2.2 – add device selection functionality
- 0.2.3 – add text recognition functionality
- 0.2.5 – fine tuning and code hardening
- 0.2.6 – last improvements for MediaPortal v1.2.0
- 1.0.0 – final version
- 1.0.1 – change compatibility flags to support MediaPortal v1.3.0, changes to configuration window
- 1.0.2 – source maintenance, cumulative updates
- 1.1.0 – major source maintenance, remove of VoiceMemo.Core.dll dependencies
- 1.1.1 – minor improvements for MediaPortal v1.3.0
- 1.2.0 – maintenance release
- 1.2.1 – fix possible deadlock condition for background worker specific issues in case threaded plugin loading is enabled
- 1.2.2 – change compatibility flags to support MediaPortal v1.5.0
- 1.2.3 – refactoring of plugin startup code, code cleanup, internal maintenance/test release
- 1.3.0 – several performance improvements
- 1.3.1 – change compatibility flags to support MediaPortal v1.6.0
- 1.4.0 – rework to support updated plugin framework v1.1.0
- 1.4.1 – update due to architectural changes of communication&mail framework v1.0.0
- 1.4.2 – update due to changes of communication&mail framework v1.0.0
- 1.4.3 – update due to changes of communication&mail framework v1.1.0
- 1.4.4 – update due to changes of communication&mail framework v1.1.0
- 1.5.0 – change target framework to .NET 4.0, change compatibility flags to support MediaPortal v1.7.0, support for updated plugin framework v1.2.0
- 1.5.1 – change compatibility flags to support MediaPortal v1.8.0
- 1.5.2 – rework update mechanism, changes to support plugin framework 1.3.0
- 1.6.0 – change compatibility flags to support MediaPortal v1.9.0
- 1.6.1 – internal test release
- 1.6.2 – change compatibility flags to support MediaPortal v1.10.0
- 1.6.3 – architectural enhancements
- 1.7.0 – rework of configuration dialog
- 1.8.0 – cryptographic routines updated, functionality to share settings and profiles added, support for MediaPortal v1.12.0
- 1.8.1 – rework of message management routines, improvements to sharing functionality, maintenance
- 1.9.0 – support for plugin framework v1.4.0, change compatibility flags to support MediaPortal v1.13.0
- 1.9.1 – maintenance release, change compatibility flags to support MediaPortal v1.14.0

11. Skin Changes

- 0.2.1   – image "voicememo_mailed.png" added
- 0.2.3   – new property "#VoiceMemo.Text" added
- 0.2.5   – image "voicememo_newmemo.png" added

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