

# Voximal ChangeLog

The old name of Voximal is VXI\* : [full ChangeLog](#)

Voximal is the new generation of [VXI\\* 12.0](#) , and integrates [branch 13.0](#)

## 14.2 (28/05/2018)

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mod: Change the default mark with the parameter id if set.  
mod: Change the Cereproc Cloud integration (SpeakExtended support).  
add: Add parameter speed (and promptspeed) to change the TTS voice rate with Cereproc and Watson.  
add: Integration of GoogleSpeech V1.1, with the enhanced model.  
add: Add Google Text To Speech support.  
add: Add Google Speech Streaming features to improve the results.  
add: Add transferaudio support.  
mod: Corrections in STT streaming (async thread mode).  
mod: Correction to detect the pause/stop with Google Speech Streaming.  
add: Add codecs ULAW and OGG for Google Speech Streaming.  
add: Add a HTTP client for the <data> tag (to keep SSL connections with chatbots APIs).  
mod: Corrections with STT streaming and bargein.  
mod: Improvements in the STT streaming integration.  
mod: Support maxspeechtimeout with the STT streaming.  
mod: Correction to allows flexible URI in the attribute dest with the <transfer>.  
add: Add bargein support with the Speech API Streaming.  
mod: Correction to remove spaces from the digits/number grammar with STT.  
add: Add Google Speech API with streaming.  
add: File streaming feature to get the speaking audio flow in the interpreter.

## 14.1 (06/10/2017)

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add: Add the server name to the frame Hello with SSL.  
add: Add speechrecordsilence parameter for the Speech recording.  
mod: Correction regression with JSGF grammars with mode=dtmf.  
mod: Add the utterance in the nomatch for the SpeechToText.  
mod: Stop the process with signal TERM and after KILL.  
add: Add option -pid to create the voximald.pid PID file from the interpreter too.  
mod: Correction Voximal cleanup at Asterisk exit.  
add: /var/run/voximal/voximal.pid file.  
mod: Correction of JSON/Ecma conversions.  
mod: Correction of the GUI/General parameters.  
mod: Correction in the install script.

add: Support for Asterisk 15.

14.0 (12/07/2017)

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- add: Correction for DTMF grammar with white spaces.
- add: Add 'hidden' grammars to set replace word/string in the STT results.
- add: Add 'hidden' grammars to set "Phrases" to Google STT.
- add: Silences record with STT, with speechrecordsilence option.
- mod: Changes for Google Speech API V1 (not beta).
- add: Add the property recognizemodel for Watson STT.
- add: Escape the " by \" in the JSON string contents.
- mod: Correction freePBX module for the option dialformat.
- mod: Correction to support uniMRCP configuration.
- mod: Correction crashes with JSON/TEXT <data> requests.
- mod: Correction to support HTTPS server reset connection (Keep-Alive with timeouts).
- mod: Correction DEV logs for STT.
- mod: Correction with the speech beeps.
- add: Integration of the TTS Amazon/Polly with CLI commands.
- mod: Correction HTTPS read timeouts (when SSL datas pendings).
- mod: Escape the HTTP parameters characters.
- mod: Corrections in the chunk HTTP download.
- mod: Use the directories files and streams for the log contents.
- add: Add parameter lang for the builtin grammar text (text?lang=x).
- mod: Correction of an issue with the MRCPsynth extra parameters.
- add: Add a mark for the VM and specific Voximal installs.
- add: Use the sensibility end completetimeout to adjust the speech recording for STT.
- add: Add JSON support for <data>
- mod: Correction of a memoryleak with a debug trace in the <assign>.
- mod: Add error messages relative to write disk errors and MSQ read errors.
- mod: Set the PlaylistSize to 1 to avoid MSQ lock when the MSQ size is to small.
- add: Support STT with menus/options/grammars using (interpreter filters results).
- add: Add speechprovider parameter for the accouts in the FreePBX module.
- add: Integration of the STT IBM/Watson Cloud API (bluemix).
- add: Integration of the STT Microsoft Cloud API.
- add: Integration of ASR/STT with HTTP interface.
- mod: Correction in MD5 functions for cache managment.
- add: Integration of the TTS IBM/Watson Cloud API (bluemix).
- add: Added speechverbio to support Verbio bultins grammars.
- add: Integration of the TTS iSpeech Cloud API.
- mod: Update for the new TTS Microsoft/Bing Cloud API.
- mod: Disable the default POST/100-continue and add the property fetchcontinuetimeout.
- mod: Disable the unload grammar execution by default.
- add: Add wav16 and sln16 support.
- mod: Allows to use one free port with an invalid key.

mod: Correction to avoid sending grammar actions without finishing the playlist queue.  
add: Asterisk 14 support.  
mod: Disable the POST continue for the TTS requests by default.  
mod: Correction to fully support the POST continue to pass HTTP1.0 proxies.  
add: Integration of the TTS Microsoft Bing Voice Output API.  
add: Integration of the VoiceRSS Cloud Text-to-Speech API.  
mod: Enable to start without configuration file, with defaults parameters.  
mod: Change log directory to /var/log/voximal.  
mod: Change cache directory to /var/cache/voximal.  
add: Support of NLSML answers from Telisma ASR engine.  
add: Option unimrcp to start unimrcpserver, as voximald.  
add: Option cacheclear to clear the cache directories at startup.  
add: Integration of the CereProc Cloud Text-to-Speech API.  
add: Support ogg format (Vorbis OGG 8kHz).  
add: Add max retries to avoid to disable the license immediately.  
mod: Correction in the number and accuracy DTMF builtin grammars.  
mod: Correction to not inspect the tags with DTMF grammars.  
add: Support sln format (PCM 16bit 8kHz Raw).  
add: Add a parameter to use CALLERID with originate.  
mod: Correction to parse the cookies parameter 'secure' and 'httponly'.  
mod: Correction for MRCPsynth using without cache.  
mod: Correction to allow VoiceXML execution after throwing the event disconnect.  
add: Added mrcpsynthparams for accounts too.  
add: Integration of the Voxygen Cloud hosted.  
add: Clean text results from Loquendo ASR (speechclean parameter removes spaces and CR).  
mod: Correction to catch and process the error.grammar events.  
mod: Correction to support alternate prompt using <value>.  
add: Refund to use functions, names and directories based on voximal.  
add: Integration of the SpeechAAS TTS hosted.  
add: Json HTTP/POST request support (with enctype="application/json")  
mod: Set the Speech-Language property of the uniMRCP (for builtins grammars).  
add: Auto-extend threads in the interpreter if needed.  
add: Start the interpreter from the Asterisk module.  
add: Remote License System integration.  
mod: Correction to support https:// uri as Vxml() parameter.

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<https://wiki.voximal.com/> - **Voximal documentation**

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