

# Voximal ChangeLog

## 14.0 (12/07/2017)

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

Voximal is a fork of [VXI\\* 12.0](#) , and integrates [branch 13.0](#)

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