Acapela Group

Text Tag Documentation

Acapela TTS For Mobile

The backslash character is not allowed within a tag.
When the engine encounters a tag it does not understand, the tag is simply ignored (not read).

Tags supported by Babile and Nscapi

Pause	\pau=number\　　　Pause in milliseconds
Phonetics entries	\prn=h @ l @U \ Phonetic string in SAMPA (see language docs for the phonetic tables) Example: \prn=h @ l @U \ .　　　(hello) \prn=t_h i1 n EI1 dZ r= z \ .　　(teenagers) \prn=@U1 v r= A l \ .　　　(overall)
Relative Speed	\rspd=100\ Relative speed in percent: 50 % …. 200%
Voice Shaping	\vct=100\ Voice Shaping in percent: 70 % …. 140%
Reset tags	\rst\ Reset all voices tags (apart RmS, RmW, vol tags)
Spelling	\rms=value\ Spelling. 1 = activated; 0 = desactivated
Word By Word	\rmw=value\ Word by Word. 1 = activated; 0 = desactivated Once activated you have to set them to 0 to deactivate them

Tags supported only by Nscapi
(The tags upper are preferred to these one if they cover the needs)

Speed *	\spd=100\ Speed 20 to 400 (default value 100/120 depending on the voice)
Volume *	\vol=100\ Volume 20 to 400
Audio file insertion	\audio{audio file path + name} Play a raw pcm file (must have the same frequency as the voice used) \aud="audio file path + name"\ Only supported by the HQ voices
Voice Switch	\vce=speaker=speakername\ Switch from the current voice to another speakername = name of the speaker of the new active voice (Speaker field in the nscapi.conf) Note : TTS can switch between only two voices which have been loaded with nscInitChannel. Example : NscInitchannel(Hsrv,"Claire16Standard;Bruno16standard",0,0,hDsp,&ChId); If speakername doesn't match with a loaded voice, TTS will continue using the first voice

Marker Tag	\mrk=number\ Add this tag in the text and get a notification in the Nscapi Callback when the TTS is at the position of the tag (allowing you to do any action you want at this time)
	Bookmark must have a numeric value (0 to 65535)
	
	You need to add the filter when initializing
	        execData.ulEventFilter=NSC_EVTBIT_BOOKMARK;
	And you get it in the CallBackSpeechEvent
	        nEventID==NSC_EVID_BOOKMARK
	
	See the Nscapi documentation for all the details

* Not supported on HD voices (IVX format)