

# 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	<code>\pau=number\</code> Pause in milliseconds
Phonetics entries	<code>\prn=h @ l @U \</code> Phonetic string (see language docs for the phonetic tables)  Example: <code>\prn=h @ l @U \ .</code> (hello) <code>\prn=t_h i1 n EI1 dZ r= z \ .</code> (teenagers) <code>\prn=@U1 v r= A l \ .</code> (overall)
Relative Speed	<code>\rspd=100\</code> Relative speed in percent: 50 % .... 200%
Voice Shaping	<code>\vct=100\</code> Voice Shaping in percent: 70 % .... 140%
Reset tags	<code>\rst\</code> Reset all voices tags (apart RmS, RmW, vol tags)
Spelling	<code>\rms=value\</code> Spelling. 1 = activated; 0 = deactivated (not supported by asian voices)
Word By Word	<code>\rmw=value\</code> Word by Word. 1 = activated; 0 = deactivated Once activated you have to set them to 0 to deactivate them (not supported by asian voices)

## Tags supported only by Nscapi

(The tags upper are preferred to these one if they cover the needs)

<b>Speed *</b>	<p>\spd=100\ Speed 20 to 400 (default value 100/120 depending on the voice)</p>
<b>Volume *</b>	<p>\vol=100\ Volume 20 to 400</p>
<b>Audio file insertion</b>	<p>\audio{audio file path + name} Play a raw pcm file (must have the same frequency as the voice used)</p> <p>\aud="audio file path + name"</p> <p>Only supported by the HQ voices</p>
<b>Voice Switch</b>	<p>\vce=speaker=speakername\      Switch from the current voice to another</p> <p>speakername = name of the speaker. cSpeakerName field from NSC_FINDVOICE_DATA</p> <p>Note : TTS can switch between only 15 voices which have been loaded with nscInitChannel.</p> <p>Example : NscInitchannel(Hsrv,"Claire16Standard;Bruno16standard",0,0,hDsp,&amp;ChId); (NscInitchannel use cVoiceName field from NSC_FINDVOICE_DATA)</p> <p>If speakername doesn't match with a loaded voice, TTS will continue using the first voice</p>
<b>Marker Tag</b>	<p>\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)</p> <p>You need to add the filter when initializing     execData.ulEventFilter=NSC_EVTBIT_BOOKMARK; And you get it in the CallbackSpeechEvent     nEventID==NSC_EVID_BOOKMARK</p> <p>See the Nscapi documentation for all the details</p>

\* Not supported on HD voices (IVX format)

