



Generic Custom VoiceXML Properties

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Custom VoiceXML Properties

The following table lists the generic custom VoiceXML properties.

Property	Type	Description
com.cisco.tts-server	String	<p>Allows the document to specify an external media server for text-to-speech operations. The media server is specified in the form of a URI, and is used in all consecutive ASR operations until the next media server is specified.</p> <p>It can be defined for:</p> <ul style="list-style-type: none"> • An entire application or document at the <vxml> level, • A specific dialog at the form or menu level, or • A specific form item. <p>The media server's URI can be formatted for Media Resource Control Protocol version 1 (MRCPv1) which uses Real Time Streaming Protocol (RTSP). For example:</p> <pre><property name="com.cisco.tts-server" value="rtsp://tts-server/synthesizer"/></pre> <p>The media server's URI can be formatted for Media Resource Control Protocol version 2 (MRCPv2) which uses Session Initiation Protocol (SIP). For example:</p> <pre><property name="com.cisco.tts-server" value="sip:mresources@mediaserver.com"/></pre> <p>There are two ways to specify an external media server for TTS and ASR operations:</p> <ul style="list-style-type: none"> • Servers configured through administrator page or REST APIs—Media server sessions are created for each call to IVR applications, regardless of whether an application needs to talk to the media server. • com.cisco.tt-server and com.cisco.asr-server <property> extensions—Media server sessions are created for each call to that application. If only a small number of applications require TTS/ASR media sessions, you should use the <property> extensions within those applications to define the external media server URL in the VoiceXML script.

Property	Type	Description
com.cisco.asr-server	String	<p>Allows a document to specify an external media server for automatic speech recognition operations. The media server is specified in the form of a URI, and is used in all consecutive ASR operations. By default, the media server is selected in round-robin approach. If you specify a particular media server, then only that specified server is used by overriding the default behavior.</p> <p>The media server's URI can be formatted for Media Resource Control Protocol version 1 (MRCPv1) which uses RTSP. For example:</p> <pre><property name="com.cisco.asr-server" value="rtsp://asr-server/recognizer" /></pre> <p>The media server's URI can be formatted for Media Resource Control Protocol version 2 (MRCPv2) which uses Session Initiation Protocol (SIP). For example:</p> <pre><property name="com.cisco.asr-server" value="sip:mresources@mediaserver.com"/></pre>
com.cisco.sessionxml.location	String	<p>Allows a document to specify the session xml file location which is used in the SPEAK/RECOGNIZE of MRCPv2 messages.</p> <pre><property name="com.cisco.sessionxml.location" value="/CVP/audio/sampleSessionXML.xml" /></pre> <p>This file is a valid optional XML file which contains information required by third-party speech servers. Cisco VVB creates the MIME body using the content of this file and sends it to third-party servers in MRCPv2 dialog-creating request.</p> <p>Note For more information on content of this file, refer to third-party documentation.</p>
com.cisco.secureLogging	Boolean	<p>Allows the user to enable or disable the secure logging functionality to protect sensitive information printed in the logs. This is applicable for user-input-based VXML elements.</p> <p>The value can be true or false to enable or disable the user input logging. For example:</p> <pre><property name="com.cisco.secureLogging" value="true" /></pre> <p>As the property is applicable at field level, the user should be able to enable or disable secure logging in each field in a single VXML application.</p>

Property	Type	Description
<code>Synthesize.cache</code>	Boolean	Whether to cache the prompt for current voice element. VVB caches the synthesized prompts for faster performance. Set the value of this parameter to <code>false</code> to disable the caching for dynamic prompts.
<code>Synthesize.voiceGender</code>	String	Set the gender type for Synthesize operation.