Properties

Properties are used to set values that affect platform behavior. Properties apply to their parent element and all the descendants of the parent. A property at a lower level overrides a property at a higher level. Additional properties are supported with Call Control extensions.

DTMF Recognition Properties

The following are the DTMF recognition properties:

interdigittimeout

This property indicates the timeout period allowed between each digit when recognizing DTMF input. The default is 3 seconds.

termtimeout

This property determines the terminating timeout to use when recognizing DTMF input. Allows entering the optional termchar. The default is 0 seconds.

termchar

This property is the terminating DTMF character for DTMF input recognition. The default is #.

Speech Recognition Properties

The following are the speech recognition properties:

confidencelevel

This property defines the threshold of the speech recognition confidence level. Values range from 0.0 (minimum confidence) to 1.0 (maximum confidence). User inputs are ignored if the confidence level is below this threshold. The default is 0.5.

sensitivity

The sensitivity property defines the sensitivity level to input. Values range from 0.0 (the least sensitive to background noise) to 1.0 (highly sensitive to noise input). The default is 0.5.

completetimeout

This property indicates the length of silence required following user speech, before the speech recognizer finalizes a result, either accepting it or throwing a nomatch event. The complete timeout is used when the speech result is a complete match of an active grammar. The default is 1 second.

incompletetimeout

The incompletetimeout property is used when the speech is an incomplete match to an active grammar. The default is 1 second.

maxspeechtimeout

The maxspeechtimeout property is the maximum duration of user speech. If the time designated has elapsed before the user stops speaking, the maxspeechtimeout event is thrown. The default is 0 and indicates no limit.

maxnbest

The maxnbest property is the maximum number of N-Best results returned by the recognizer. This also represents the maximum size of the application.lastresult$[i] array. The value is always 1 for the I6NET interpreter.

Prompt and Collect Properties

The following are the prompt and collect properties:

inputmodes

The input modes determines which input methods to use. The value is a space-separated list of input methods.

The default is dtmf voice:

- “dtmf” - allows DTMF sequences as input.
- “voice” - allows voice as input.

timeout

The timeout is the time after which the interpreter throws a noinput event. This property is not used in DTMF interactions. The default is 10 seconds.

universals

The universals property specifies universal commands. The value is a space-separated list of the following commands. You can designate none for nothing or all for all 3 commands.

This property is not supported yet.

- cancel - throws the cancel event.
- exit - throws the exit event.
- help - throws the help event.

bargein

Enables user input during prompts if set to true. No barge-in if set to false. The default is true.

bargeintype

The bargeintype property specifies the barge-in type listed below.

This property is not supported yet.

- energy - any noise can barge in the prompt.
- speech - any user utterance can barge in the prompt.
- recognition - only barge-in on the prompt when the user input matches a speech grammar.

Fetching Properties

The following are the fetching properties:

audiofetchhint

This property defines when audio files can be fetched:

- prefetch – the file can be fetched when the document is loaded.
- safe – the file is fetched only when needed, never before prefetch.

audiomaxage

This property defines the maximum acceptable age, in seconds, of cached audio resources.

audiomaxstale

Use this property to define the maximum staleness, in seconds, of expired cached audio resources.

promptmaxage

Promptmax age defines the maximum acceptable age, in seconds, of cached TTS audio resources.

promptmaxstale

This property defines the maximum staleness, in seconds, of expired cached TTS audio resources.

documentfetchhint

The documentfetchhint defines when a document can be fetched:

- prefetch – the file can be fetched when the document is loaded.
- safe – the file is fetched only when needed, never before prefetch.

documentmaxage

This property defines the maximum acceptable age, in seconds, of cached documents.

documentmaxstale

Documentmaxstale defines the maximum staleness, in seconds, of expired cached documents.

grammarfetchhint

This property defines when grammar files can be fetched.

This property is not supported yet.

- prefetch – the file can be fetched when the document is loaded.
- safe - the file is fetched only when needed, never before prefetch.

grammarmaxage

This defines the maximum acceptable age, in seconds, of cached grammar resources.

This property is not supported yet.

grammarmaxstale

Grammarmaxstyle defines maximum staleness, in seconds, of expired cached grammar resources.

This property is not supported yet.

objectfetchhint

This property defines when objects can be fetched:

- prefetch - the file can be fetched when the document is loaded.
- safe - the file is fetched only when needed, never before prefetch.

objectmaxage

Objectmax age defines the maximum acceptable age, in seconds, of cached object resources.

objectmaxstale

This property defines the maximum staleness, in seconds, of expired cached object resources.

scriptfetchhint

The scriptfetchhint property defines when script files can be fetched:

- prefetch - the file can be fetched when the document is loaded.
- safe - the file is fetched only when needed, never before prefetch.

scriptmaxage

This property defines the maximum acceptable age, in seconds, of cached script resources.

scriptmaxstale

This property defines the maximum staleness, in seconds, of expired cached script resources.

fetchaudio

Fetchaudiodefines the URI of audio to play while waiting for a document to be fetched.

fetchtimeout

This property defines the timeout for fetches. The default is 7.

Platform Properties

The following properties are specific to the I6NET VoiceXML browser platform and they are useful for debugging purposes. This property is not yet available.

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