



Credit Card

Basic information about this plugin:

Plugin Name:	creditcard
Display Name:	Credit Card
Class Name:	com.audium.sayitsmart.plugin-ins.AudiumSayItSmartCreditCard

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Description

This Say It Smart type handles the reading of a credit card number. Any 13, 14, 15, or 16 digit number will be handled. Many times, a credit card number may appear with dashes at certain places in the number. To avoid having to process the data before it is sent to the plug-in, it will understand the credit card number with these optional dashes, though no punctuation other than dashes is allowed. The plug-in reads the credit card number back digit-by-digit, inserting 150 millisecond pauses at certain places where the credit card number is normally divided.

The plug-in Java class can easily be extended to create, in just a few lines of code, a new plug-in performing the same function with a different pause length or additional formatting options.

Input Formats

Name (Display Name)	Description
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cc_number (13/14/15/16 Digit Number)	The data can be handled in any of the following formats: 16-digit cards (Visa, Mastercard, etc.): #####, ####-####-####-#### 15-digit cards (American Express): #####, ####-#####-##### 14-digit cards (Diner's Club): #####, ####-#####-#### 13-digit cards (Visa): #####, ####-###-###-###
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Output Formats

Name (Display Name)	Input Format Depends On	Description
digits_with_pauses (As digits w/ pauses)	cc_number	The credit card number is played back digit-by-digit with 150 millisecond pauses where the number is normally divided.

Filesets

Name (Display Name)	Output Format Depends On	Description
standard (Standard (0-9))	digits_with_pauses	This fileset contains ten files: 0 through 9. It is the only fileset required.

Audio Files

All audio files must be named as appears below. The names do not have an extension, the developer can choose whatever file type is supported by their voice browser.

1	2	3	4	5	6	7	8	9	0	silence
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Note The *silence* file is used when *Use Recorded Audio* is selected and when there is no TTS engine in the deployment. The recorded audio requires *silence* pauses be inserted between digits. These pauses are inserted automatically if using a TTS engine. If you do not have a TTS engine in your deployment, then copy the silence file to the same location on your media server as the number files. The silence file must be 150ms in duration.

Examples

Example #1

Data:	1234-5678-9012-3456
Input Format:	cc_number
Output Format:	digits_with_pauses
Fileset	standard
Playback:	<p>“1” “2” “3” “4”</p> <p><150ms pause></p> <p>“5” “6” “7” “8”</p> <p><150ms pause></p> <p>“9” “0” “1” “2”</p> <p><150ms pause></p> <p>“3” “4” “5” “6”</p>

Example #2

Data:	111122222233333
Input Format:	cc_number
Output Format:	digits_with_pauses
Fileset	standard
Playback:	<p>“1” “1” “1” “1”</p> <p><150ms pause></p> <p>“2” “2” “2” “2” “2” “2”</p> <p><150ms pause></p> <p>“3” “3” “3” “3” “3”</p>

