Social Security

Plugin Name:	ssn
Display Name:	Social Security Number
Class Name:	com.audium.sayitsmart.plug-ins.AudiumSayItSmartSocialSecurity

Description

This Say It Smart type handles the reading of a 9-digit social security number. Many times, a social security number may appear with dashes after the third and fifth digits. To avoid having to process the data before it is sent to the plug-in, it will understand the social security number with these optional dashes, though no punctuation other than dashes is allowed. It reads it back digit-by-digit, inserting 150 millisecond pauses after the third and fifth digits.

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
9_digit_whole_number (9 Digit Number)	The data can be handled in any of the following formats: - ######### - ###-##-####

Output Formats

Name (Display Name)	Input Format Depends On	Description
digits_with_pauses (As Digits w/ Pauses)	9_digit_whole_number	The social security number is played back digit-by-digit with 150 millisecond pauses after the third and fifth digits.

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

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.

0	1	2	3	4	5	6	7	8	9	silence

Examples

Example #1

Data:	123-45-6789
Input Format:	9_digit_whole_number
Output Format:	digits_with_pauses
Fileset	standard

Playback:	"1" "2" "3"
	<150ms pause>
	"4" "5"
	<150ms pause>
	"6" "7" "8" "9"

Example #2

Data:	111223333
Input Format:	9_digit_whole_number
Output Format:	digits_with_pauses
Fileset	standard
Playback:	"1" "1" "1"
	<150ms pause>
	"2" "2"
	<150ms pause>
	"3" "3" "3" "3"