



Phone

Plugin Name:	phone
Display Name:	Phone Number
Class Name:	com.audium.sayitsmart.plugin.AudiumSayItSmartPhone

- [Description, on page 1](#)
- [Input Formats, on page 1](#)
- [Output Formats, on page 2](#)
- [Filesets, on page 2](#)
- [Audio Files, on page 2](#)
- [Examples, on page 3](#)

Description

This Say It Smart type handles the reading of a 10 digit phone number. The number must have an area code and cannot be an 11-digit number starting with 1. Many times, a phone number may appear with various formatting. To avoid having to process the data before it is sent to the plug-in, the plug-in will understand the standard phone number formats. The phone number is read digit-by-digit, inserting 150 millisecond pauses after the area code and exchange.

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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<p>10_digit_whole_number (10 Digit Number)</p>	<p>The data can be handled in any of the following formats:</p> <ul style="list-style-type: none"> • ##### • (###) ###-#### • (###)###-#### • ###-###-#### • ###.###.#### • (###)##### <p>Note The second format contains a space after the area code; the third does not.</p>
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Output Formats

Name (Display Name)	Input Format Depends On	Description
digits_with_pauses (As Digits w/ Pauses)	10_digit_whole_number	The phone 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 supported by their voice browser.



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
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Examples

Example #1

Data:	(800) 555-1212
Input Format:	10_digit_whole_number
Output Format:	digits_with_pauses
Fileset	standard
Playback:	<p>“8” “0” “0”</p> <p><150ms pause></p> <p>“5” “5” “5”</p> <p><150ms pause></p> <p>“1” “2” “1” “2”</p>

Example #2

Data:	1112223333
Input Format:	10_digit_whole_number
Output Format:	digits_with_pauses
Fileset	standard
Playback:	<p>“1” “1” “1”</p> <p><150ms pause></p> <p>“2” “2” “2”</p> <p><150ms pause></p> <p>“3” “3” “3” “3”</p>

