



## 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
------------------------	-------------

<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"> <li>• #####</li> <li>• (###) ###-####</li> <li>• (###)###-####</li> <li>• ###-###-####</li> <li>• ###.###.####</li> <li>• (###)#####</li> </ul> <p><b>Note</b>      The second format contains a space after the area code; the third does not.</p>
--	--

## 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
---	---	---	---	---	---	---	---	---	---	---------

## Examples

### Example #1

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

### Example #2

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

