



Automation360 – AARI for Web – The Morse Code Generator

Readme

Version 1.0
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1. Introduction

This document contains all essential information for the user to make full use of this [A2019 – The Morse Code Generator](#). It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the [A2019 – The Morse Code Generator](#).

1.1 Overview

This Automation will convert the input value/Plain Text which is entered by the user into the Morse Code, or it can convert Morse code to Plain text.

As per user's requirement he/she can select any option like encode a plain text to Morse code OR a Morse code to the Plain text. This automation is available in both the platform of AARI-Web & AARI-Desktop. User can use any interface as per his/her convenience.

1.2 Use cases & Introduction/Information

Morse code is a method used in telecommunication to encode text characters as standardized sequences of two different signal durations, called *dots* and *dashes*, or *dits* and *dahs*. Morse code is named after Samuel Morse, one of the inventors of the telegraph.

International Morse Code encodes the 26 Latin letters a through z, one non-Latin letter, the Arabic numerals, and a small set of punctuation and procedural signals (prosigns). There is no distinction between upper- and lower-case letters. Each Morse code symbol is formed by a sequence of *dits* and *dahs*. The *dit* duration is the basic unit of time measurement in Morse code transmission. The duration of a *dah* is three times the duration of a *dit*. Each *dit* or *dah* within an encoded character is followed by a period of signal absence, called a space, equal to the *dit* duration. The letters of a word are separated by a space of duration equal to three *dits*, and words are separated by a space equal to seven *dits*.

Morse code can be memorized and sent in a form perceptible to the human senses, e.g., via sound waves or visible light, such that it can be directly interpreted by persons trained in the skill. Morse code is usually transmitted by on-off keying of an information-carrying medium such as electric current, radio waves, visible light, or sound waves. The current or wave is present during the time period of the *dit* or *dah* and absent during the time between *dits* and *dahs*.

INTERNATIONAL MORSE CODE CHART:

International Morse Code	
1. The length of a dot is one unit. 2. A dash is three units. 3. The space between parts of the same letter is one unit. 4. The space between letters is three units. 5. The space between words is seven units.	
A	• —
B	• — • •
C	— • — •
D	— • • •
E	•
F	• • — •
G	• — — •
H	• • • •
I	• •
J	• — — — •
K	— • — —
L	• — • —
M	— — •
N	— •
O	— — —
P	• — — •
Q	— • — —
R	• — • —
S	• • —
T	— •
U	• • —
V	• • • —
W	• — — —
X	— • • —
Y	— • — —
Z	— — • —
1	• — — — —
2	• • — — —
3	• • • — —
4	• • • • —
5	• • • • •
6	— • • • •
7	— — • • •
8	— — • • •
9	— — — • •
0	— — — — •

MORSE CODE MACHINE:



2. Requirements & Prerequisites

2.1 System Requirements

[Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

2.2 Prerequisites

User should have a **A2019** installed to take a benefit of this automation.

User should have a **Python-3** installed to take a benefit of this automation.

3. Getting Started

3.1 Quick Start

3.1.1 Configuration and Use

- Download the Bot from the Bot-store.
- Check the downloaded bot in your local machine private/Public section.
- Once Bot is downloaded you are good to go for a run.
- Please select any option from the interactive form for encode OR decode.

- o For Configuring the Bot –

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Type	Mandatory	Purpose	Example Input
N/A	N/A	N/A	N/A	N/A

4. Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

4.2 FAQs

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1.	<i>1.0</i>	<i>20-12-2021</i>	<i>Manav Parmar</i>	<i>Initial Draft</i>

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here