



# Echo Matlab API Interface: Installation Guide

The Echo Matlab API Interface is a powerful toolbox that allows MATLAB to seamlessly interact with the Echo API.

## Pre-requisites

MATLAB (version R2023a or later) installed on your machine. If you don't have MATLAB, please visit the official Mathworks website at <https://www.mathworks.com/products/matlab.html> to download and install the software.

## Installation

### Step 1: Install the Toolbox

When you install the EchoMatlab API Interface toolbox, it will automatically add its path to MATLAB, eliminating the need to manually add the path.

### Step 2: Test the Installation

To verify your installation, you can run a sample script provided with the toolbox. Example scripts can be found in the 'Help Center' under the 'Supplemental Software' section. You can also access the examples scripts under 'Add-Ons', 'Manage Ad-Ons', 'EchoMatlab API Interface', 'Open Folder'.

Load the library in MATLAB by typing the following command in the command window:

```
>>clib.EchoMatlab.AIO_initialize
```

If the toolbox is installed correctly, the library should load without any errors.

## Post Installation

Now that the EchoMatlab API Interface toolbox is installed, you can begin using it in your projects.

For additional information about the functions available in the toolbox and how to use them, type the following commands in the MATLAB command window:

```
>>help('clib.EchoMatlab')
```

```
>>doc clib.EchoMatlab
```

These commands will provide documentation for the EchoMatlab API Interface toolbox.