

SONY



Cloud SDK Console Access Library TypeScript Tutorial

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TOC

1. Objective	1
2. Prerequisites	2
3. Usage	3
3.1. Installation and Setup	3
3.2. Set Configuration Parameter to start Console Access Library Sample	3
Application	
3.3. Starting the App	4

1. Objective

To explain the various APIs exposed by Console Access Library and help the user to build and use the library.

2. Prerequisites

The following is the required software you need to install in your system

- ◆ vscode
- ◆ Node >=v14.16.0
- ◆ install typescript globally
 - ◆ `npm install -g typescript`

3. Usage

3.1. Installation and Setup

The following is a step for installing and setting up Console Access Library Sample Application

1. Clone the repository

- ◆ <https://github.com/SonySemiconductorSolutions/aitrios-sdk-console-access-lib-ts.git>

2. Open terminal and go to the lib path and run the following command

```
tsc  
tsc -b  
npm pack
```

3. Open terminal and go to the src path and run the following command

```
npm install  
tsc -b  
npm pack
```

4. Open terminal and go to the samples/demo-console path and run the following command

```
npm install
```

3.2. Set Configuration Parameter to start Console Access Library Sample Application

aitrios-sdk-console-access-lib-ts\samples\demo-console\src\controller\config.ts

```
DemoConfiguration= {  
  deviceId : '__deviceId__',  
  subDirectoryName : "__subDirectoryName__",  
  numberOfImages: numberOfImages,  
  skip: skip,  
  numberOfInferenceresults: numberOfInferenceresults,  
  filter: "__filter__",  
  raw: raw,  
  time: "__time__",  
  getImagesOrderBy: "__getImagesOrderBy__"  
}  
  
ConsoleAccessSettings= {  
  baseUrl: "__baseUrl__",  
  tokenUrl: "__tokenUrl__",  
  clientSecret: "__clientSecret__",  
  clientId: "__clientId__"  
}
```

3.3. Starting the App

To run the CLI demo, open cmd terminal from the root folder, and run the following command.

```
npx ts-node index.ts
```