Advantech AE Technical Share Document

Date	2017/07/17	SR#	1-3000578493
Category	■FAQ □SOP	Related OS	N/A
Abstract	How to check the RESTful command from web utility and set DI mode?		
Keyword	REST, HTTP		
Related Product	WISE-4000		

■ **Problem Description:**

This document shows the methods that how to check the RESTful command by website and how to change the mode of DI by RESTful command.

For further extension application, user can check the REST instruction from Chrome browser.
The related FAQ document link shown as follow:
http://forum.adamcommunity.com/viewthread.php?tid=96164

■ **Answer:**

Download the Advantech sample code from following website:
AdamApax.NET Class Library
http://support.advantech.com.tw/support/DownloadSRDetail_New.aspx?SR_ID=1-1WMBN3&Doc_Source=Download

For default installation, the sample RESTful code is under the following folder:
C:\Program Files (x86)\Advantech\AdamApax.NET Class Library\Sample Code\WISE\Win32\CSharp\WISE-4000-REST

For checking the RESTful command from Chrome browser:
For example of DI channel 0,
1. Open the website of IO configuration of IO status of the module, then click the right button on mouse>check>Network, or press "F12".
2. Set the DI channel 0 from mode 2 to mode 0.
3. From choosing the correct document name, such as slot_0, at "General" sub-panel under "Header" panel shows the RESTful instruction and request mode; at "Form Data" sub-panel shows the content for command.

Table of different mode in channel.

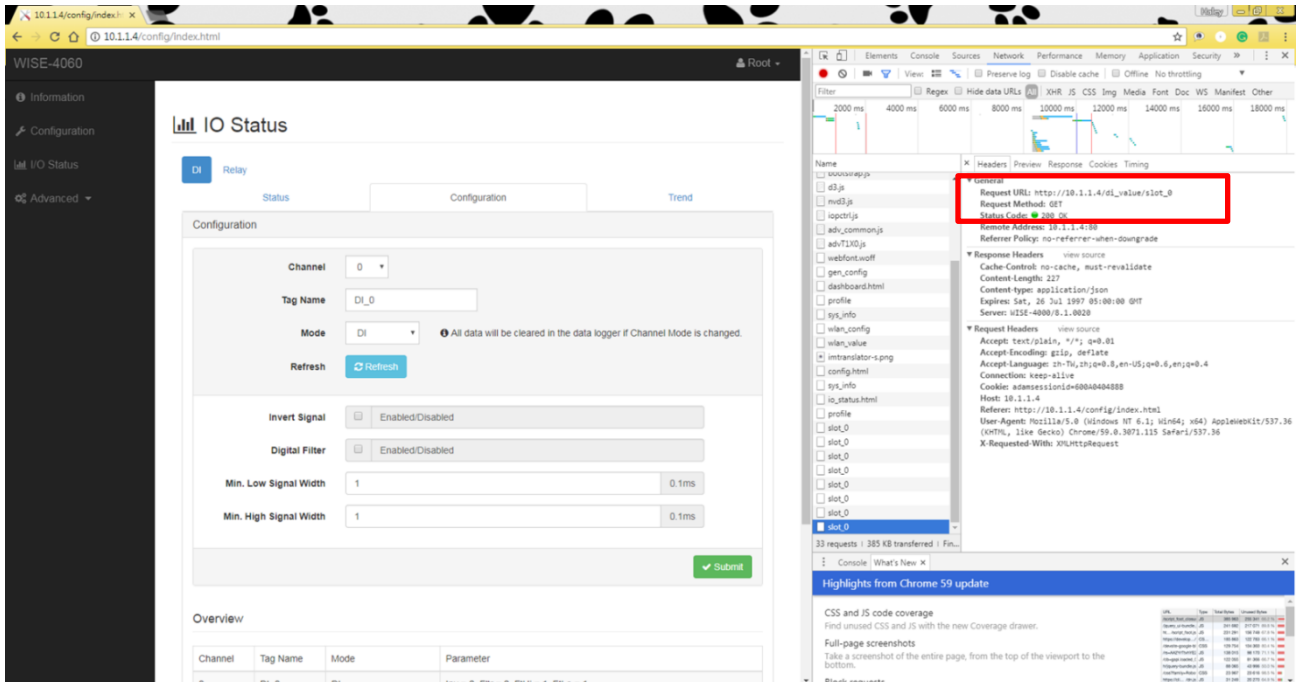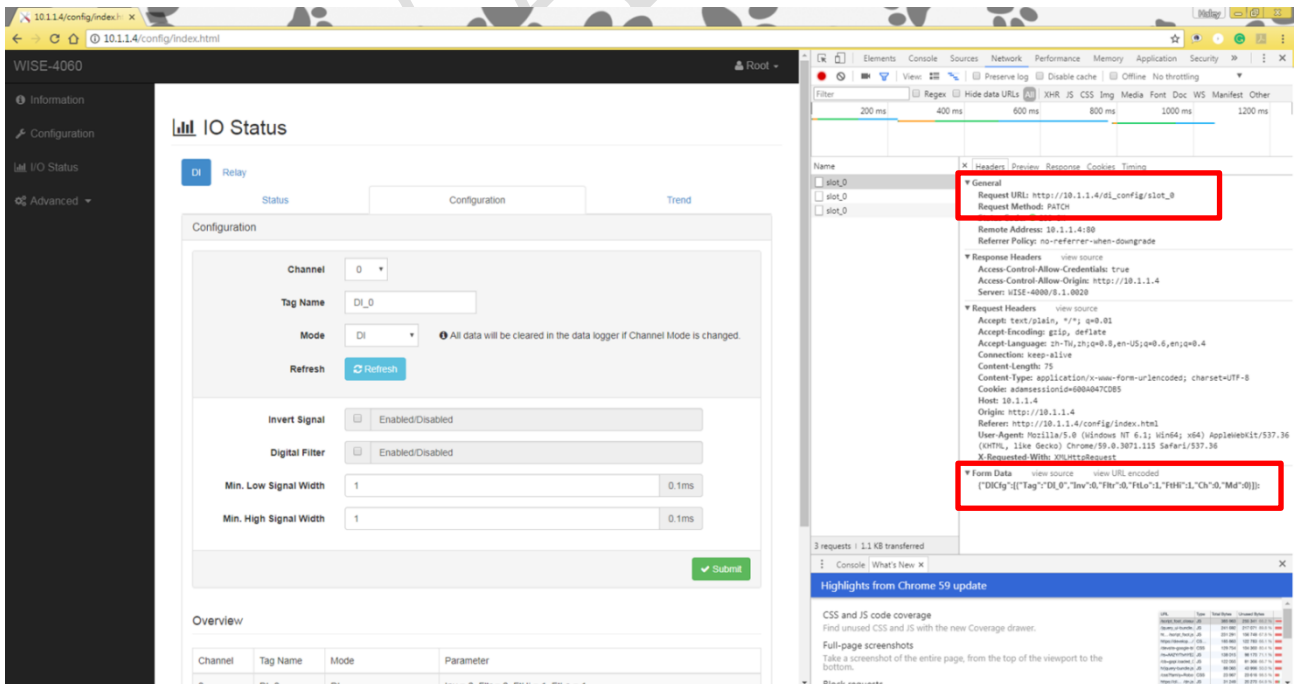| Mode 0	DI
Mode 1	Counter
Mode 2	Low to High Latch
Mode 3	High to Low Latch
Mode 4	Frequency

Figure of instruction "GET/di_value/slot_0"

Figure of instruction "PATCH/di_config/slot_0" and "Form Data"

Check the current mode of DI:

Instruction:

Multi Channel Request： GET /di_config/slot_index

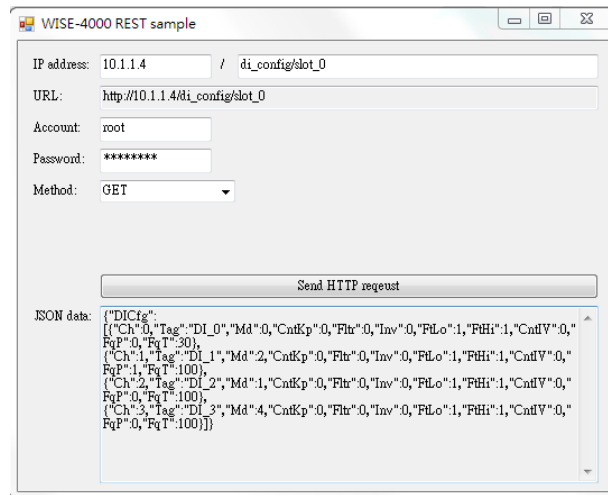Single Channel Request： GET /di_ config /slot_index/ch_num

Figure of REST command.

Change the mode of channel 0:

Instruction:

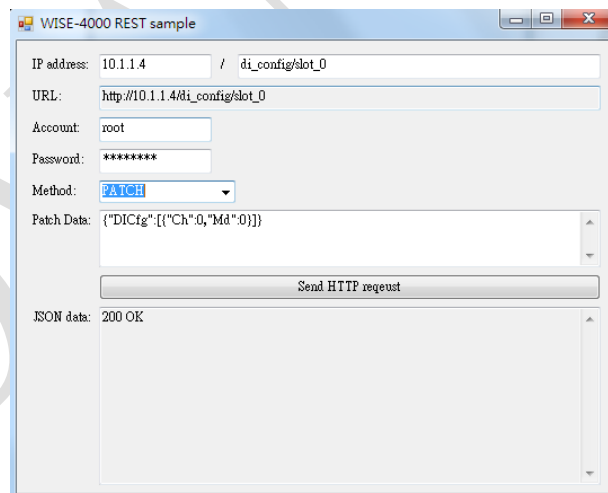Single Channel Request： PATCH / {"DICfg":[{"Ch":0,"Md":0}]}

Figure of REST command.