

# Advantech SE Technical Share Document

Date	2019 / 07 / 23	Related Product	WebAccess/SCADA 8.4.1		
Category	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP <input type="checkbox"/> Driver Tech Note				
Abstract	How to use Bwgetval.exe to get tag values				
Keyword	Bwgetval.exe, WebAccess/SCADA				
Related OS	Win7, Windows Server 2008 / 2012 / 2016, Win10				
Revision History					
Date	Version	Author	Reviewer	Description	
2019/07/23	V1.0	Kelvin Huang	Nick Liu		

## ■ Problem Description & Architecture:

This FAQ instructs user how to use Bwgetval.exe to get tag values.

## ■ Brief Solution - Step by Step:

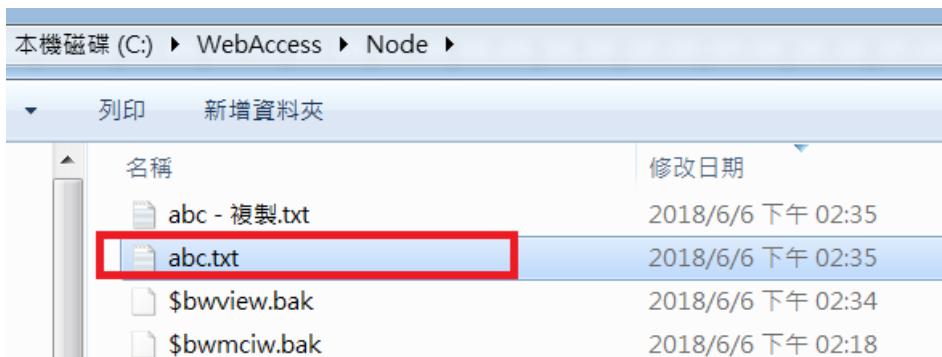
1. Use notepad.exe to input tag names, then save it (e.g. abc.txt) at c:\webaccess\node

```

abc.txt - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明(H)

tag0001
tag0002
tag0003
tag0004
tag4001
tag4002
tag4003
tag4004
tag4005
TM_MIN
TM_SBC
alarm1
alarm2
alarm3
alarm4
alarm5
pump1:command
pump1:FB
pump1:hrs
pump1:pos
pump1:status
pump2:command
pump2:FB
pump2:hrs
pump2:pos
pump2:status
pump3:command
pump3:FB
pump3:hrs
pump3:pos

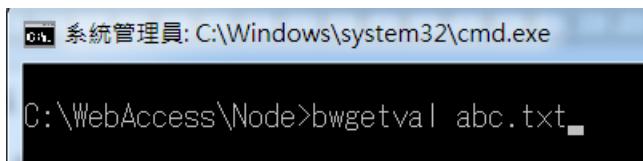
```



2. Go DOS mode and run bwgetval with document name.

C:\webaccess\node\ -> bwgetval abc.txt

Original abc.txt will be deleted, then create same file name: abc.txt. Tag values will be saved to abc.txt



3. Execute **type abc.txt** and tag values will be display. The first value 0/1 is alarm status, 0 is alarm close, 1 is alarm activated. The second value is tag value.

```
C:\WebAccess\Node>bwgetval abc.txt
C:\WebAccess\Node>type abc.txt
0,OFF
0,OFF
0,OFF
0,OFF
0,OFF
1, 23.00
0, 333.00
0, 555.00
1, 777.00
1, 999.00
0.39
0, 5
0,0
0,0
0,0
0,0
0,0
0, 1.00
0, 2.00
0, 3.00
0, 4.00
```

#### Troubleshooting:

if user found -2,# result , it means no tag name exists in scada node.

```
C:\WebAccess\Node>bwgetval abc.txt
C:\WebAccess\Node>type abc.txt
-2,#

C:\WebAccess\Node>
```

- **Pin Definition (in case of serial connection):**

- **Reference:**