ADVANTECH Enabling an Intelligent Planet

## **Advantech SE Technical Share Document**

Date	2020 / 01 / 5					
Catagony	■ FAQ □ SOP	<b>Related Product</b>	WebAccess/SCADA 8.4.3			
Category	Driver Tech Note					
Abstract	How to add PLCdata tag in CNC runtime					
Keyword	WebAccess/CNC 2.0.8, WebAccess/SCADA					
Related OS	Win7, Windows Server 2008 / 2012 / 2016, Win10					
Revision History						
Date	Version	Author	Reviewer	Description		
2020/01/5	V1.0 K	elvin Huang	Nick Liu			

## Problem Description & Architecture:

This FAQ instructs user how to add PLCdata tag in CNC runtime.

## Brief Solution - Step by Step:

1. Click Add Tag

- A ttp://localho	st/br	oadWeb/bwMain.asp?pos=projectπ	d=53&ProjName=CNC1202	▼ ♂ 搜尋
👹 Device : FAN001	×	<u>*</u>		
× 尋找: plcdata		上一個「	「一個 🛛 🥕 選項 👻	
		A	Advantech WebAccess Project Ma	mager
	D	elete Add Tag Add Block		
Project/Node				
CNC1202			De	evice Property [Cancel] Submit
SCADA (Running)	<b>1</b>	<b>B</b> : <b>N</b>	544994	
Port1 (tcpip)		Device Name	FAN001	
Sector PANOOI :=		Description	FAN001	
PLCF1		Unit Number	0	
plctypeV		Device Type	SkyMars V	
FAN001			IP Address	127.0.0.1
Device Driver		Primary	Port Number	9701
A101		,	Device Address	if other than Unit Number
ABMLGX			Derice Hudiess	ii ohiei hiai ohii ivanoei
ABPLC5			IP Address	
ABPLCEIP ABSLC5		Secondary	Port Number	
AceFAM3			Device Address	
ADAM2K		ConnKey/Writekey =	pmc/pmc	
ADAM4K				
ADAM5560				
ADAMSKE				
ADAM6K		SkyMars IP&Port =	127.0.0.1:9701	
ADMIO		Machine IP&Port =	124.9.8.232:8193	
AdvDAinfo		Machine Name =	FAN001	
AdvPAC		Manufacturer =	FANUC	
AE0000 Agi34072A				
AgD+9/2A				

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2. Choose PLC data and modify address A,1 or F,1 (A= address, 1=PLC number) then download



3. User can see F address PLC 1 value:129 in viewDaQ,

🗩 Advantech ViewE	DAQ 001 - main:untitled		
File Edit View G	ioto Tools Help		
WebAcc	<u>⊪ ♥ ♥ ₩</u> SS	」	•
(m) 機会總管	機台總覽	Point Info Tag Name: PLCF1	[DLCE1]
₩ <b>⊟ 86 </b> 52	127.0.0.1 設備名稱 :	Description: The data of PLC status data Tag Type: ANALOG Scan Type: CONSTAIT SCAN Port: 1 Unit: 0 Device Name: FANOOI Address: PlcStatus,PlcDataStr;F,1 Span Low: -9595959.000 Engineering Unit:	FAN001:UtiAPTCnt FAN001:UtiABusy FAN001:UtiBusy FAN001:UtiETime FAN001:UtiIdle FAN001:UtiACH FANO FANO FANO FANO FANO FANO FANO FANO
	FAN001	Value: 125.000 Goto Change Acknowledge Exit	FANO01:UtsStatu FANO01:UtsStatu FANO01:UtsTime PlodataValue   PlotsTame PlotstypeV   I/O Tag   ViewDAQ   Accumulation   Port1   Port4   Calculation   Port2   Constant   Port3



4. Run CNCruntime, click left PLC parameter then user can see F address ,PLC 1 value is 129

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File Edit View G	Goto Tools Help								
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機台資訊			072 C	0/0	MEM	OTHERS ALARM	NORMAL	2	_
	查詢參數								
時间核動率									
機台警報		PLC 編號: 0	- 9	查詢					
(									
程式									
	回の炬撃		回の精測		DIC容料				
	「この意思」		「10規里		TLC 具种				
伺服主軸	0		Byte		64				
	1		Puto		100				
参數設定	1		Бује		127				
(R)	2		Byte		0				
維護管理	2		D. d.a		20				
	3		вује		32				
	4		Byte		4				
刀具管理	-				-				$\checkmark$
	5		Byte		0				
PLC 參數	<b>G</b> 🛞		M 4	1 共1頁 ▶ ▶		顯示第 1 筆到算	育 10 筆,共	有 10 筆	i v
	-								_

 Pin Definition (in case of serial connection): Refer CNC user manual

A ddvantech, WebAccess_CNC_User_Manual_ED_3.pdf - Adobe Acrobat Reader DC 幅案(F) 编輯(E) 檢視(√) 視察(√) 説明(H)								
首頁 工具	Advantech_WebAcc	× [S	E_TNE_Dashb	oar				
	$\boxtimes \mathbf{Q}$	•	40 / 66					
¢				ToolQMNo	Data,1,ParamNO GET_tool_edge_parameter_s emens;20016	i Analog	The number of tool in memory (SIEMENS) (Input)	
				GetTEP	GET_tool_edge_parameter_s emens;10021	i Discrete	The flag of getting tool edge parameters (SIEMENS)	
				GET_plc_sta	tus2/SET_plc_status2_adv	NHAIN		
Ø			_	PicType	GET_plc_status2,1/PicSta- tus,1,PicType;M,N (M: address, N: PLC number)	Discrete (0:byte 1:short 2:int 3:bool 4:double 5:string 6:sbyte)	Type of PLC status data address: FANUC: G, F, Y, X, A, R, T, K, C, D, E MITSUBISHI: X, Y, M, F, L, SM, D, R, W, B, SB,V, SW, SD HEIDENHAIN: M, B, W, D, I, O, T, C, S, IB, IW,	
4				PlcData	GET_plc_status2;1,PlcSta- tus,1,PlcDataStr;M,N (M: address, N: PLC number)	Analog (default)	The data of PLC status data PIcDataStr: PLC data(text) for all type including Byte, Short, Int, Bool, Double, String, Sbyte	

Reference: