

KEPServerEX 6 – Modbus RTU Serial 使用說明

 安裝 Kepware(最新版本 KEPServerEX V6,可從 Youngtec 研杰科技網站下載試用版),然後 在開始→程式集→開啟 KEPServerEX 6 Configuration 或是從桌面右下方的 System Tray 圖示 中 KEPServerEX 6 小圖示按滑鼠右鍵,點選 Configuration。







2. 首先,再左邊的 Project 群組的頁面對 Connectivity 點擊滑鼠右鍵,選取 New Channel、工具

列上的^等、或是 Connectivity 類別裡點擊滑鼠右鍵來新增 Channel。

KEPServerEX 6 Configuration [Connected	to Runtime]			- 🗆	×
File Edit View Tools Runtime Help					
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Project ^ ● On_+ New Channel ● On_+ New Channel ● On_+ Modbus ● On_+ Modbus ● On_+ Advanced Tags ● Advanced Tags Advanced Tags ● Data Logger ● ● Eff Exporter ● ● Data Logger ● ● Data Loger ● ● Data Loger ● ● Data Loger ● <	Channel Name / Driver	Connection Sharing Other N/A Other N/A Other N/A Ethernet N/A COM 1 No	Virtual Network N/A N/A None None	Description	
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3. 選擇 type of channel 為 Modbus RTU Serial。

	×
Add Channel Wizard	
Select the type of channel to be created:	
Modbus RTU Serial V	
下一步(N) 取消	



4. 輸入 Channel Name,「Channel1」可自行定義名稱,然後按「下一步」。

Add Char	nel Wizard			
Specify the id	entity of this obj	ect.		
Specify the ic Name:	entity of this obj	ect.		



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 設定通訊序列化,底下為選項說明,使用預設的設定即可: Virtual Network:此參數指定通訊序列化的頻道(Channel)模式。 選項包括 None, Network 1 - Network 50。默認設置為"None"。 選項說明如下:

None:此選項為停用通訊序列化的通道。

Network 1 - Network 50:此選項會對指定的虛擬網路頻道進行分配。

Transactions per Cycle:當 channel 被設為允許連線時,執行 Transctions

註:	有關虛擬網絡的更多信息,	請參閱 Help -	- "Communication Serialization"	c
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	×
Add Channel Wizard	
Limit data transmissions to one channel at a time by assigning this channel to a virtual network.	
Virtual Network:	
None 🗸 🙆	
Specify the number of transactions to perform when a channel is given permission to communicate.	
Transactions per Cycle:	
1	
<u>下一步(N)</u> 取消	



6. 設定通訊形態以及通訊阜設定(Communications),請參考 PLC 上的參數來設定。

底下為選項說明:

(欲了解更多,請參閱: KEPServerEX Help 文件中的 Channel Properties - Communications)。

Add Channel Wizard	
Select the hardware device type for data communications (or None)	۵
Physical Medium:	
COM Port ~ 🥑	
Specify the physical port number.	
COM ID:	
1	
Select the communications speed of the hardware in bits per second.	
Baud Rate:	
9600 ~ 📀	
Select the number of data bits per word.	
Data Bits:	~
下一步(N) 頁	又消

COM ID:指定通訊 ID,會使用在和裝置所分配的 Channel 進行通訊的時候。有效範圍是 1 到 999,預設為 1,現場使用輸入目前本機實際連接的 COM Port。

Baud Rate:指定傳輸速率。

Data Bits:指定資料字元的位元數量。選項包括:5,6,7,8。

Parity:指定的資料的類型。選項包括:"Odd"(奇數),"Even"(偶數),或 "None(無)"。 Stop Bits:指定資料資源的停止位元數量。選項包括1,2。

Flow Control:指定如何使用 RTS 和 DTR control lines。請參考下面的"Flow Control 說明"。 Report Comm. Errors:指定開啟或關閉低階(low-level)的通訊錯誤報告。預設為 Yes。 Close idle connection:指定在沒有任何 Tag 被 Client 端引用時,關閉 COM Port。預設為 Yes。 Idle time before close:指定在關閉 COM Port,所有 Tag 被移除之前,Server 等待的時間, 預設為 15 秒。

Flow Control 說明:

流量控制,可能需要以與特定的串連設備進行通訊。選項說明如下:

None:不需切換 Control Line。

DTR:指定並堅持使用 DTR Line,且維持通訊 Port 的開啟。

RTS:如果位元組可用於傳輸,則 RTS Line 為最高的 Control Line。在所有緩衝的位元組發送之後,RTS Line 會比較低。這通常是使用在 RS232/RS485 轉換器硬體設備。

RTS, DTR:此選項是 DTR 和 RTS 的結合。

RTS Always:指定並堅持使用 RTS Line,且維持通訊 Port 的開啟。



7. 設定連結方式,回報錯誤訊息(Report Comm.Errors),關閉閒置的連線(Close Idle Connection), 使用預設的設定即可。

	\times
Add Channel Wizard	
Choose whether or not low-level communication errors are posted to the event log. Request failures and other errors are reported regardless.	
Report Comm. Errors:	
Enable v 🕑	
Choose whether or not COM port connections are terminated when inactive.	
Close Idle Connection:	
Enable v 📀	
Define the time, in seconds, a connection can be inactive before being terminated.	
Idle Time to Close (s):	
15	
下一步(N) 取消	

8. 設定寫入最佳化,工作週期(Duty Cycle)利用預設的設定即可。

		\times
÷	Add Channel Wizard	
	Choose how write data is passed to the underlying communications driver when more than one write exists in the write queue.	
	Optimization Method:	
	Write Only Latest Value for All Tags 🗸 🗸 🥑	
	Specify the ratio of write operations to read operations, based on one read per configurable number of writes.	
	Duty Cycle:	
	10	
	下一步(N) 取消	



9. 設定 Floating-Point Values,若選擇 Replaced with zero,當有非正規化浮點數時"更改為 0", 若勾選 Unmodified,當有非正規化浮點數時則"不做更動",可使用預設 Replaced with zero。

>	<
Add Channel Wizard	
Choose how to send invalid floating-point numbers to the client. Floating-Point Values: Replace with Zero	
下一步(N) 取消]

10. 檢視設定的總結,如果沒問題請按完成。

Identification		
Name	Test001	
Description		
Driver	Modbus RTU Serial	
Diagnostics		
Diagnostics Capture	Disable	
Connection Type		
Physical Medium	COM Port	
Shared	No	
Serial Port Settings		
COM ID	1	
Baud Rate	9600	
Data Bits	8	
Parity	Even	
Stop Bits	1	
Flow Control	None	



11. 接著開始新增 Device 以及設定 Device, 點擊 Click to add a device, 在 Channel 裡的 Click to add

a device 或是點擊上方的 🌆 按鈕來新增 Device。

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Project Project Connectivity Connectivity Project Connectivity Project Connectivity Click to add a device. Project Click to add a device. Project P	Device Name	Model	ID	Description

12. 接著開始設定 Device,新增一個「Device name」,可自行定義。

	×
Add Device Wizard	
Specify the identity of this object.	
Name:	
Test001	\bigcirc
下-步(N)	取消



13. 選擇裝置的種類,在此選擇 Modbus。

		\times
~	Add Device Wizard	
	Select the specific type of device associated with this ID. Options depend on the type of communications in use.	
	Model:	
	Modbus v 🕑	
	Modbus Elliott Magnetek Omni Daniel S500 Dynamic Fluid Meter	
	下一步(N) 取消	

14. 設定 ID,利用預設的設定即可。

		\times
~	Add Device Wizard	
	Indicate the format of the device ID (set by the driver by default).	
	ID Format:	
	Decimal 🗸 🙆	
	Specify the device's driver-specific station or node.	
	ID:	
	下一步(N) 取消	

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15. 設定掃描模式(Scan Mode),底下為選項說明:

Respect Client-Specified Scan Rate: 遵守客戶端指定的掃描速度。

Request Data No Faster than Scan Rate: 取得資料的速度不得超過您所設定的掃描頻率(Scan Rate) 。

Request All Data at Scan Rate:依照您所設定的掃描頻率(Scan Rate)來取得所有資料。

Respect Tag-Specified Scan Rate:指定各別的 Tag 掃描頻率(Scan Rate)來取得資料。

若無特殊考量,在此建議選擇 Respect Client-Specified Scan Rate。

Initial Updates from Cache: 預設為 Disable。

		×
~	Add Device Wizard	
	Specify the method for determining how often tags in the device are scanned. Scan Mode: Respect Client-Specified Scan Rate Request Data No Faster than Scan Rate Request All Data at Scan Rate Do Not Scan, Demand Poll Only Respect Tag-Specified Scan Rate Inter oparts i form cacree. Disable	
	下一步(N) 取消	



16. 設定通訊時機,利用預設的設定即可。

4	Add Device Wizard	×
	Specify an interval, in milliseconds, to determine how long the driver waits for a response from the target device to indicate completion.	
	Request Timeout (ms):	
	Indicate how many times the driver sends a communications request before considering the request to have failed and the device to be in error.	
	Retry Attempts:	
	Define how long, in milliseconds, the driver waits before sending the next request to the target device.	
	Inter-Request Delay (ms):	

17. 設定自動降級,利用預設的設定即可。

← Add Device Wizard
Automatically remove the device from the scan due to communication failures
Demote on Failure:
Disable v
下一步(N) 取消



18. 設定資料庫的建立,利用預設的設定即可,底下為選項說明:

啟動時(On Device Startup):

Do not generate on startup:在 KEPServerEX 啟動的時候,不會在 Server 的 Tag 空間(Tag Space) 中自動新增 OPC Tag。

Always generate on startup:每次啟動 Server 的時候,都會對裝置進行評估,同時會在 Server 的 Tag 空間(Tag Space)中自動新增 OPC Tag。

Generate on first startup:在專案於第一次被執行的時候,將會對目標裝置(Device)做評估,同時也會在 Server 的 Tag 空間(Tag Space)中自動新增所需的 OPC Tag。

在此建議使用預設的"Do not generate on startup"。

(遇到重複的 Tag)On Duplicate Tag:

Delete on create:在新增任何新的 Tag 資訊之前,會將 Tag 空間(Tag Space)中舊的 Tag 資訊刪除。

Overwrite as necessary:用新的 Tag 資訊來複寫 Tag 空間(Tag Space)中,舊的 Tag 資訊。沒有 被複寫的資料依然會留在 Tag 空間(Tag Space)。

Do not overwrite:不複寫任何在 Tag 空間(Tag Space)中的任何資料,只能新增 Tag 資訊。

Do not overwrite, log error:與上一個選項相同,但如果發生資料被複寫的情況,將會產生Event Log。

在此建議使用預設的" Delete on create"。

	\times
Add Device Wizard	
Select the automatic tag generation action to be taken on device startup.	^
On Device Startup:	
Do Not Generate on Startup 🗸 🔞	
Indicate the preferred method of avoiding creation of duplicate tags.	
On Duplicate Tag:	
Delete on Create 🗸 🔞	
Indicate a tag group name for new generated tags. If empty, generated tags are added at the device level.	
Parent Group:	
Instruct the server to automatically create sub groups for automatically generated tags.	
	*
下一步(N) 取》	á



19. 設定資料存取(Data Access Settings),利用預設的設定即可,底下為選項說明:

Zero based addressing:將存取位址(addressing)設為從0開始,在預設的情況下,在您輸入一個位址(addressing)後,將會從 Modbus 裝置中的通訊架構中減去一個框架(frams),若您的裝置並不遵循此慣例,則取消勾選此選項。

Zero based bit addressing within registers: 勾選時,位址(addressing)是從 bits 的 0 開始存取, 若取消勾選此選項,位址(addressing)是從 bits 的 1 開始存取。

Use holding register bit mask writes:如果該裝置有支援 holding register bit access,那就勾選此項目。

Holding Register Bit Writes :

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寫入 Holding register 的位元位置, Driver 只修改有做更動的部分,有些設備可以藉由專有的 指令去操作已儲存在 register 的位元位置(功能代碼為 16 進位 0x16 或十進位 22,如果設備沒 有支援此功能的話,只能執行讀入、寫入、更改單個位元。啟用時,驅動程式使用的代碼為 16 進位,停用時,會依據 Modbus function 06 對 register 的寫入來判斷是 0x16 或 0x10,預設 為停用。

Modbus function 06 for single register writes:在大部分的情況下,Modbus 驅動程式在編寫 Holding register 的時候會使用兩種 Modbus 協議功能(Modbus protocol functions),在編寫單一 16 bits 的 Holding register 時,使用 Modbus function 06 來編寫;而在編寫單一 32 bits 的 Holding register 時,使用 Modbus function 16。裝置會根據需要在 06 以及 16 之間相互切換使用。勾 選此項目的話,將強制該裝置在大部份的寫入都使用 06,而在必要的時候才使用 16。如果 裝置所有的寫入操作僅需要 Modbus function 16,則取消勾選此項目。

Modbus function 05 for single coil writes:在大部分的情況下,在編寫 Output Coil 的時候會用 兩種 Modbus 協議功能(Modbus protocol functions),在編寫單一 Output Coil 時,使用 Modbus function 05;在編寫一組陣列 Output Coil 時,使用 Modbus function 15,裝置會根據需要在 05 以及 15 之間相互切換使用。勾選此項目的話,將強制該裝置在大部份的寫入都使用 05, 而在必要的時候才使用 15。如果裝置所有的寫入操作僅需要 Modbus function 15,則取消勾 選此項目。



		×
~	Add Device Wizard	
	Specify if the address numbering convention for the device starts at zero (Enable) or one (Disable). By default, addresses have one subtracted when frames are constructed to communicate with a Modbus device. If the device doesn't follow this convention, choose	^
	Zero-Based Addressing:	
	Enable v 📀	
	Specify if the first bit in a register address begins at 0 (Enable) or 1 (Disable) for memory types that allow bits within words to be referenced as a Boolean (<address>.<bit> where <bit> represents the bit number within the word). Zero-Based Bit Addressing: Enable</bit></bit></address>	ł
	Enable if the device supports holding register bit access to manipulate only the bit of interest in a single command (as opposed to performing a Read/Modify/Write operation to manipulate a single bit).	
	Holding Register Bit Writes:	
		~
	下一步(N) 取》	H

20. 設定資料編碼,利用預設的設定即可,底下為選項說明:

不利

Modbus byte order:此選項允許將裝置內的位元組排序由預設的 Modbus 位元組排序,修改為 Intel 位元組排序。這是為 Modbus 兼容性裝置所設置的。如果該裝置使用 Intel 位元組排序,則取消勾選此項目,已啟動 Modbus 的驅動來正確的讀取 Intel 格式的資料。

註:此項目不是用於 Omni model, Omni model 只使用 Modbus 位元組排序。

First word low:在 Modbus 中,兩個連續的 register 使用的是 32 位元的資料形態,使用者可以決定第一個 Word 是要低於 32 位元或是高於 32 位元,在預設的情況下,為第一個 Word 低於 32 位元。

First DWord low:在 Modbus 中,四個連續的 register 使用的是 64 位元的資料形態,使用者可以決定第一個 DWord 是要低於 64 位元或是高於 64 位元,在預設的情況下,為第一個 DWord 低於 64 位元。

Modicon bit ordering (bit 0 is MSB):驅動程式將反轉位元排序,讀取後,在依照 Modicon Modsoft 編寫軟體寫入 register 中。例如,勾選後,寫入位址 40001.0/1 的資料將會影響裝置 裡的 15/16 位元。預設是 Disable。

Treat long as decimals:當被選取時, Driver 的編碼和解碼將轉變為 double-precision 的 long 以及 Dword 的資料型態,其值的範圍介於 0 到 99999999 之間。

	×
Add Device Wizard	
Select Enable to use Modbus byte ordering for Modbus-compatible devices or Disable to use Intel byte ordering.	^
Modbus Byte Order:	
Enable v 📀	
Indicate if 32-bit data types use the convention of first word low, as in Modicon Modsoft programming software. If disabled, the first word is assumed high.	
First Word Low:	
Enable v 📀	
Indicate if 64-bit data types use the convention of first DWord low. If disabled, the first DWord is assumed high.	
First DWord Low:	
Enable v 🥝	
	~
下一步(N) 取	消



Coils(範圍是 8-2000 bit,且一定要是 8 的倍數)

如果將 Coils 的 Output 以及 Input 的數值設定越大,效率就會越高,但是還是要依照實際情況以及需求進行調整,如果電子儀表無法負荷,會導致傳輸上的錯誤。如果預設的數值依舊造成傳輸上出現錯誤,那麼請依照 8 的倍數慢慢往下修正。

Registers(範圍是 1-125 words)

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如同上述,如果將 Registers 的 Internal 以及 Holding 的數值設定越大,效率就會越高,請依 照實際情況以及需求進行調整。如果預設的數值依舊造成傳輸上出現錯誤,那麼請慢慢往下 修正。

Block Read Strings:將群組的 string tag 讀入至 Modbus model 的 string tags,預設為未啟用。

	×
Add Device Wizard	
Specify the number of coils (bits) in an output block. Higher block size reads more data points from the device in a single request. Block size can be reduced if data needs to be read from non-contiguous locations within the device. Output Coils:	^
Specify the number of coils (bits) in a input block. Higher block size reads more data points from the device in a single request. Input Coils: 32	
Specify the number of internal registers that should be read from the device in a single request. Internal Registers:	
	~
下一步(N) 取湯	í



22. 設定匯入檔案的類型(Variable Import Settings),利用預設的設定即可,直接下一步。

	\times
Add Device Wizard	
Define the exact location of the Concept or ProWORX variable import file to use for Automatic Tag Database Generation.	
Variable Import File:	
*.txt 🕡	
Choose to load and display tag descriptions when the file is imported.	
Include Descriptions:	
下一步(<u>N</u>) 取消	



23. 設定架構,利用預設的設定即可,底下為選項說明:

Leading bytes:此參數可以指定放在回來的封包前面的前置位元數,值的範圍為 0-8。 Trailing bytes:此參數可以指定放在回來的封包後面的後置位元數,值的範圍為 0-8。

~	Add Device Wizard	×
	Specify the number of bytes to attach to the beginning of Modbus responses. Leading Bytes:	
	Specify the number of bytes to attach to the end of Modbus responses. Trailing Bytes: 0	
	下一步(N) 取消	



24. 設定框架,利用預設的設定即可:

Deactivate tags on illegal address:關閉非正規位置的 TAG。
Reject repeated messages:不要傳送重複訊息。

÷	Add Device Wizard	×
	Stop polling a block of data if a Modbus exception code 2 (illegal address) or 3 (illegal data) is returned. Disable to continue polling that data block. Deactivate Tags on Illegal Address: Enable	
	Select Enable for the driver to interpret a repeated message as an invalid response and retry the request. Select Disable if the driver should accept repeated messages. Reject Repeated Messages: Disable \checkmark ©	
	下一步(N) 取消	



25. 檢視設定的總結,如果沒問題請按完成。

Name	Test001				
Description					
Channel Assignment	Test001				
Driver	Modbus RTU Serial				
Model	Modbus				
ID Format	Decimal				
ID	1				
Operating Mode					
Data Collection	Enable				
Simulated	No				
Scan Mode					
Scan Mode	Respect Client-Specified Scan Rate				
Initial Updates from Cache	Disable				
Communication Timeouts					
 D (T (/))	1000				

26. 接著開始設定 Tag,點擊 "Click to add a static tag" 或是上方工具列的 🙆 圖示來新增 Tag。

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<u>File E</u> dit <u>V</u> iew <u>T</u> ools <u>R</u> untime <u>H</u> elp						
D 💕 8 🛃 🏶 🛅 🛱 🚰 🤤 🕤 1	🚰 🔊 🌡 🗈 🗈 🗙 🛄					
Project	Tag Name / Address	Data Type	Scan Rate	Scaling	Description	
⊡ (iii) Connectivity	🔁 Click to add a static tag. Tags are not re	quired, but are browsable by OP	C clients.			
Elenent Ch_Hung						
Hodbus						
Advanced Tags						
Add Area						
Data Logger						
Add Log Group						
EFM Exporter						
Add Poll Group						
Date 🗸 Time Source	Event					^
(i) 2017/1/24 04:57:44 下午 KEPServerEX	N IoT Gateway service starting.					
(i) 2017/1/24 04:57:44 下午 KEPServerEX	VI IoT Gateway using JRE at [C:\Progr	am Files (x86)\Java\jre				
1 2017/1/24 04:57:44 卜十 KEPServerEX	N Running with Java 1.8.0_101 [Oracl Easturn In T Cateway is time limited.	e Corporation Java Hot				
(i) 2017/1/24 04:57:52 下午 Licensing	A REST server 'Agent 1' started at 'httr	o://127.0.0.1:39320/iot				
	(\R REST server 'Agent' - failed to start (on http://127.0.0.1:39				
<u>承</u> 2017/1/24 04:57:54 下午 Licensing	Feature Modbus RTU Serial is time I	imited and will expire at				
1 2017/1/24 05:31:31 下午 KEPServerEX	Configuration session assigned to Ye	oungtec as Default Use				~
Ready				Default User Clients: 0	Active taos: 0 of 0)



27. 然後開始設定 Tag,輸入名稱(Name),以及位址(Address),位址(Address)的設定請按下後方的藍色問號按鈕(下圖紅框處)來查詢如何設定。

Property Editor - Test001	.Test001		×
Property Groups			
General	Name		
Scaling	Description		
	Data Properties		
	Address		
	Data Type	Default	
	Client Access	Read/Write	
	Scan Rate (ms)	100	
	Address		
		ОК	Cancel Help

Address 的 Hints 查詢表:

Hints		×
000001#01-065521#01000001#16-065521#16 Word 000001-065536 [r][c] Boolean 000001-065536 Boolean 100001#01-165521#01100001#16-165521#16 Word 100001-165536 [r][c] Boolean 100001-165536 Boolean 300001.0-365536.0300001.15-365536.15 Boolean 300001.2H-365536.240H String 300001.2L-365536.240L String 300001.2L-365533 [r][c] Double 300001-365533 [r][c] Double 300001-365535 [r][c] DWord 300001-365535 [r][c] DWord 300001-365535 [r][c] Float	<	OK Cancel <u>H</u> elp



28. 設定完名稱(Name),以及位址(Address)後,記得設定 Data type 以符合上述所設定的位址 (Address),設定完後按下 OK。

Property Editor - Test001	.Test001		×					
Property Groups								
General	Name	Test001						
Scaling	Description							
	Data Properties							
	Address	300001						
	Data Type	Long						
	Client Access	Read/Write						
	Scan Rate (ms)	100						
L								
		OK Cancel	Help					

29. 這樣就新增完成了。

File Édit ýrew Iools Runtime Help Image: Second Rate Scaling Description Image: Second Rate Scaling Scaling Image: Second Rate Scaling Scaling Image: Second Rate Scaling	😅 KEPServerEX	😅 KEPServerEX 6 Configuration [Connected to Runtime] — 🛛 🛛 🛛								Х	
Image:	<u>F</u> ile <u>E</u> dit <u>V</u> iew	<u>File E</u> dit <u>V</u> iew <u>I</u> ools <u>R</u> untime <u>H</u> elp									
Project Tag Name / Address Data Type Scan Rate Scaling Description Image: Connectivity Ima	🗋 📑 🗟 🛃										
Connectivity Test001 300001 Long 100 None Charles C			^	Tag Na	ame / Address	Data Type	Scan Rate	Scaling	Description		
Image: Control and a device. Image: Control and device diver.	⊡(iii) Connect	livity		💶 Tes	st001 300001	Long	100	None			
Image: Source of the second secon		Click to add a device								_	
image: set of the set o	🕀 🛟 Ch1										
Image: Source Event Image: Source Image: Source Image: Source Event Image: Source Image: Source Image: Source Event <	i⊞•)- Ch2										
Image: Source Events Image: Source Event Image: Source Image: Source Image: Source Image: Source Image: Source Event		1001 Test001									
Advanced Tags Adams & Events Add Aeea Add Aeea Add Aeea Add Aeea Add Aeea Add Aeea Add Poll Group EFM Exporter Add Poll Group Configuration section and the test of test of the test of test	≫ Aliases	1030001									
Alams & Events Add Area Add Area Add Area Add Log Group Add Poll Group Add Poll Group Be FM Exporter Lig Add Poll Group Be TM Exporter Lig Add Poll Group Be TM Exporter Lig Add Poll Group Be The Exporter Extreme The Inited usage period on feature Io T Gateway has expir Be 2017/1/23 12:20:26 F# KEPServerEXI Io T Gateway service stopping. Be 2017/1/24 09:15:14 L# KEPServerEXI Configuration session started by Youngtec as Default User Be 2017/1/24	Advance	ed Tags									
Image: Add Area Image: Add Log Group Image: Add Log Group Image: Add Poll	Alams &	Events									
Add Log Group Add Poll Group Add Poll Group Date Time Source Event Add Iol Source Event 10 F for Splunk Integration 2017/1/23 11:26:31 上午 Io T Gateway Read rejected for item 'C0001': the tag has not been added Integration 10 2017/1/23 12:20:26 下午 Licensing 10 2017/1/23 12:20:26 下午 KEPServerEXI 10 2017/1/23 05:36:20 下午 KEPServerEXI 10 2017/1/24 09:15:14 上午 KEPServerEXIR Configuration session assigned to Youngtec as Default Use Configuration session started by Youngtec as Default Use 10 2017/1/24 10:00:31 上午 KEPServerEXR Configuration session date device driver loaded successfully. 10 2017/1/24 11:50:12 上午 KEPServerEXR Starting Modbus RTU Serial device driver. 11 2017/1/24 11:50:12 上午 Modbus RTU Serial Device Driver V6.0.2107.0' v		Area									
Configuration session asigned to Youngted as Default User Configuration session stated by Youngted as Default Us	Add	Log Group									
Add Poll Group Add Poll Group Date Time Source Event ① 2017/1/23 11:26:31 上午 IoT Gateway Read rejected for item 'C0001': the tag has not been added ① 2017/1/23 12:20:26 节午 Licensing Time limited usage period on feature IoT Gateway has expir IoT Gateway service stopping. ② 2017/1/23 12:20:26 节午 KEPServerEXI IoT Gateway service stopping. ③ 2017/1/23 05:36:20 节午 KEPServerEXI IoT Gateway service stopping. ④ 2017/1/24 05:36:20 节午 KEPServerEXI Configuration session assigned to Youngtec as Default Use ④ 2017/1/24 09:15:14 上午 KEPServerEXI Configuration session started by Youngtec as Default User ④ 2017/1/24 10:00:31 上午 KEPServerEXI Modbus RTU Serial device driver loaded successfully. ④ 2017/1/24 11:50:12 上午 Modbus RTU Serial device driver. V6.0.2107.0'	🖨 🝈 EFM Exp	porter									
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▲ 2017/1/23 11:26:31 上午 Io T Gateway Read rejected for item 'C0001': the tag has not been added ▲ 2017/1/23 12:20:26 下午 Licensing Time limited usage period on feature Io T Gateway has expir (1) 2017/1/23 12:20:26 下午 KEPServerEXN Io T Gateway service stopping. (1) 2017/1/23 05:36:20 下午 KEPServerEXN Configuration session assigned to Youngtec as Default Use (1) 2017/1/24 09:15:14 上午 KEPServerEXN Configuration session started by Youngtec as Default Use (1) 2017/1/24 10:00:31 上午 KEPServerEXN Modbus RTU Serial device driver loaded successfully. (1) 2017/1/24 11:50:12 上午 KEPServerEXN Starting Modbus RTU Serial Device Driver 'V6.0.2107.0'	Date	Time	Source		Event					^	
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	(1) 2017/1/24	11:50:12 上午	Modbus RT	U S	Modbus RTU Serial Device Driver 'V6.0.2	107.0'				×	



30. 接著按下工具列最後面的 Quick Client 小圖示 🔛 ,來檢視目前 Value 的數值。

<u>F</u> ile <u>E</u>	dit <u>V</u> ie	w <u>T</u> ools	s <u>R</u> unti	me <u>H</u>	<u>H</u> elp					
D 🖻) a (2 🖓	m 🔁	و 🕏		ŋ	¥	þ	Ē.	\times

31. 在 Quick Client 裡, 選項我們 Add 新增的 Item Tag Name, 看目前 Value 數值, Quality 正常 是 Good 的,如果沒有連接成功會顯示 Bad,如果要詳細了解 Quick Client 操作,可以參考 OPC Quick Client Help。

