How to import a CSV file to create a NAPOPC_ST project based on the Modbus TCP?

Applies to :

Platform	*OS version*	*NAPOPC version*
PC	*Windows 7 32 bits Professional*	*NAPOPC_ST v3.54*

NAPOPC_ST DA Server provides a new function to import a CSV file to quickly create a NAPOPC_ST project based on the Modbus TCP (applies to version v3.54 or after). This FAQ describes this function and its configuration.

The Steps:

1. **Edit a CSV File**

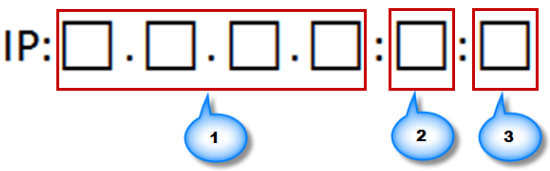
   User can edit a CSV file using a text editor (or software), such as Notepad or Wordpad, or a spreadsheet software, such as Microsoft Excel. Please follow the file format listed below to edit the contents, including separate the column data by a comma "," and save the file with the extension file name ".CSV".

   Format Example For The CSV File:

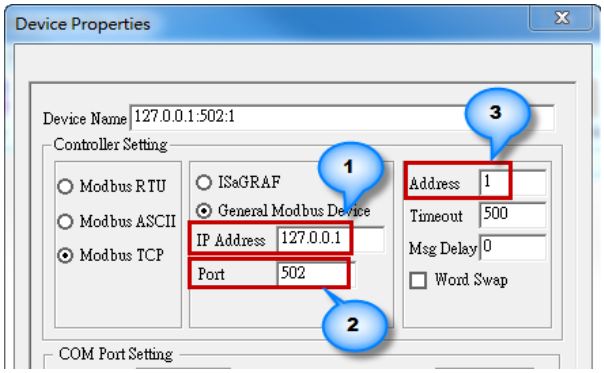
   The file name must be ***.csv**, the first row is for the column title name, the column data are separated by a comma, and every row is to set the Device information. For example:

```
IP,GroupName,TagName,Address,Function,DataType
127.0.0.1:502:1,,G11R11_ACM_CURPOW_STS,1,1X,Bool
127.0.0.1:502:1,a1,G11R11_ACM_BAKPOW_STS,2,1X,Bool
192.168.1.6:502:1,,G12R11_B28V_CURPOW_STS,1,4X,Float
192.168.1.6:502:1,b1,G12R11_B28V_BAKPOW_STS,3,4X,Float
192.168.1.6:502:1,,G12R11_B120V_CURPOW_STS,5,4X,Float
192.168.1.6:502:1,b2,G12R11_B120V_BAKPOW_STS,7,4X,Float
192.168.1.6:502:2,,G12R11_B120V_BAKPOW_STS,9,4X,Float
```

   Note 1: IP: IP Address, Port, and Address.



   Note 2: GroupName: if blank, means the Tag belongs to the Device.



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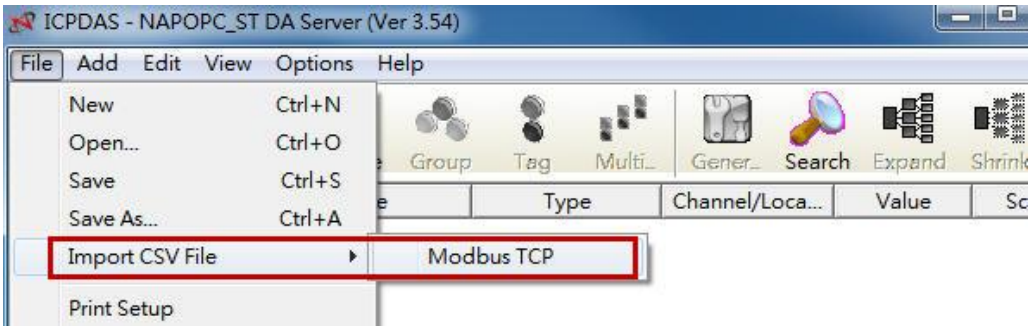
Descriptions For The Column:

```
IP,GroupName,TagName,Address,Function,DataType
127.0.0.1:502:1,,G11R11_ACM_CURPOW_STS,1,1X,Bool
127.0.0.1:502:1,a1,G11R11_ACM_BAKPOW_STS,2,1X,Bool
192.168.1.6:502:1,,G12R11_B28V_CURPOW_STS,1,4X,Float
192.168.1.6:502:1,b1,G12R11_B28V_BAKPOW_STS,3,4X,Float
192.168.1.6:502:1,,G12R11_B120V_CURPOW_STS,5,4X,Float
192.168.1.6:502:1,b2,G12R11_B120V_BAKPOW_STS,7,4X,Float
192.168.1.6:502:2,,G12R11_B120V_BAKPOW_STS,9,4X,Float
```

Title	Descriptions	
IP	Device IP Address, Port, Address; e.g., 127.0.0.1:502:1	
GroupName	Group name (If blank, means the Tag directly belongs to Device.)	
TagName	Tag name	
Address	Modbus address	
Function	**0X**	Coil Status, Modbus instructions 01, 05 and 15
	1X	Input Status, Modbus instruction 02
	3X	Input Register, Modbus instruction 04
	4X	Holding Register, Modbus instructions 03, 06 and 16
DataType	**bool**	Tag data type: Boolean
	short	Tag data type: 2 bytes Integer
	long	Tag data type: 4 bytes Integer
	float	Tag data type: 4 bytes Floating Point
	word	Tag data type: 2 bytes unsigned Integer
	dword	Tag data type: 4 bytes unsigned Integer

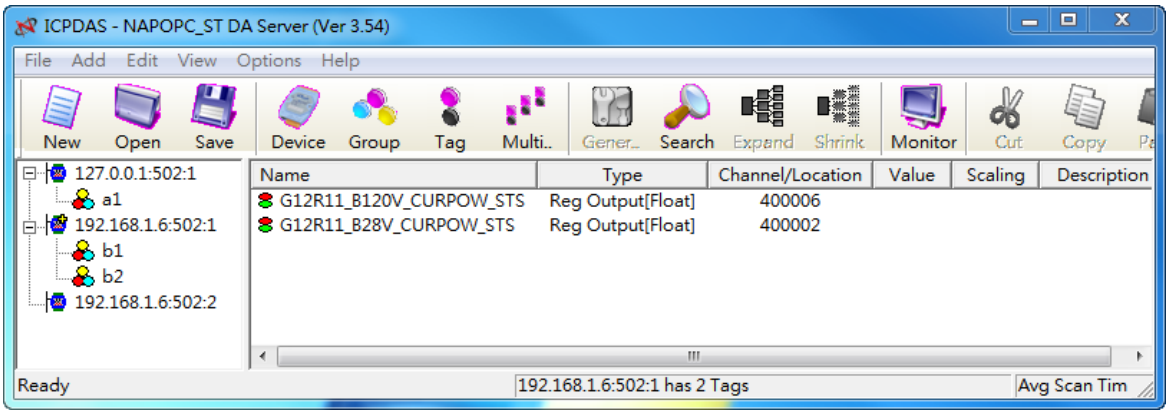
2. Import The CSV File

In the NAPOPC_ST Server, click the menu bar File > Import CSV File > Modbus TCP…

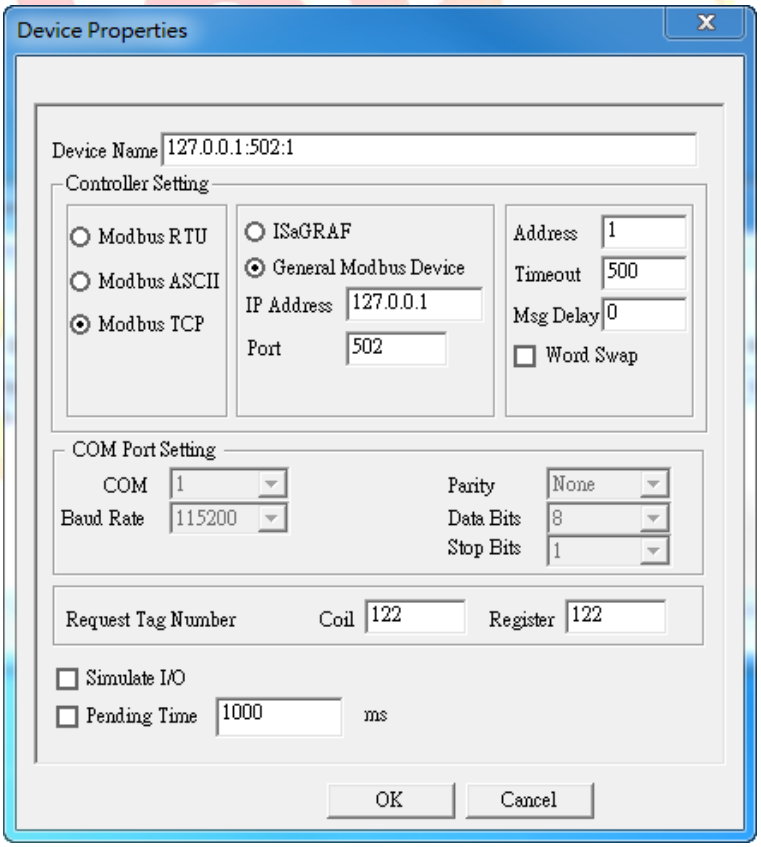


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Select the CSV file pre-edited (in the step 1) and click “open” to import a NAPOPC_ST project based on the Modbus TCP.



Double click the Device name (e.g., “127.0.0.1:502:1”) to view the project. The NAPOPC_ST project based on the Modbus TCP is created automatically.



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