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RSLinx classic Ethernet driver setup

Show the tow different drivers for Ethernet using RSLinx.

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Intent of this document

To show two different driver setups using RSlinx Classic on Ethernet and each of drivers functions.

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1. Open RSLinx Classic

a. To open RSLinx classic go to
 Start→ all programs→ Rockwell Software→ RSlinx → RSlinx Classic
 or you can go directly to the RSLinx.exe using

"C:\Program Files (x86)\Rockwell Software\RSLinx\RSLINX.EXE"

b. When RSLinx opens then you will see the current drivers inside of RSLinx that is currently active. In the example below it shows an RSLinx classic that is brand new and has no Ethernet drivers at all.

👷 RSLinx Classic OEM - [RSWho - 1]	
💑 File Edit View Communications Station DDE/OPC Security Window Help	_ & ×
Autobrowse Refresh Rea III Browsing network	
Im-Sa Linx Gateways, Ethernet Im-Sa Linx Gateways, Ethernet Im-Sa AB_VBP-1, 1789-A17/A Virtual Chassis	
For Help, press F1 07/25/16)6:28 AM

2. Adding an Ethernet Devices driver

a. To add an Ethernet Devices driver you will need to open the Configure driver section of RSLinx as shown below. Press the configure button highlighted in yellow to open the Configure drivers screen.

RSLinx Classic OEM - RELINX Classic OEM - RELINX Com	(RSWho - 1] munications Station DDE/OPC Security Window Help		_ [D] × _ [#] ×
Autobrowse Autobrowse Autobrowse Comparison Unix Gatewa Comparison Autobrowse Comparison Compa	Available Drivers Configured Drivers:	Add New	Close Help
	Name and Description A8_V8P-1 RUNNING	Status Running	Configure Startup Start Stop Delete
For Help, press F1		NUM	07/25/16 06:34 AM

b. Use the Available Driver Type drop down box to select a driver.

This drop down is shown below highlighted in yellow.



c. Select the Ethernet Devices driver as shown below then press add new

Configure Drivers		? ×
Available Driver Types: Ethemet devices	Add New	Close Help
Configured Drivers:	Chabus	
AB_VBP-1 RUNNING	Running	Configure
		Startup
		Start
		Stop
		Delete

d. A default name will appear in the Driver's name box as shown below.

Add New RSLinx Classic Driver	×
Choose a name for the new driver. (15 characters maximum)	ОК
AB_ETH-1	Cancel

- e. Enter in whatever name you would like to give the driver, I would suggest that it pertain closely to the device or devices that you are going to added. In this example I will change the name of my driver to Trainer then press the OK button. As shown below.
- f. Next enter in the IP addresses of the devices that you want this driver to detect by pressing Add New then when you are done press Apply then OK.

Station Mapping Add New 0 10.15.88.60 Add New 1 10.15.88.61 Delete 63 Driver Image: Comparison of the second	
Station Host Name Add New 0 10.15.88.60 Delete 1 10.15.88.61 Delete 63 Driver Delete	
Station Host Name Add New 0 10.15.88.60 Delete 1 10.15.88.61 Delete 63 Driver Delete	_] _]
0 10.15.88.60 1 10.15.88.61 63 Driver	
1 10.15.88.61 63 Driver	
63 Driver	
OK Cancel Apply Help	

g. Close the Configure drivers section.

Configure Drivers		<u>?</u> ×
Available Driver Types:		
Ethernet devices	▼ Add New	
Configured Drivers:		
Name and Description	Status]
AB_VBP-1 RUNNING Trainer AB Ethernet RUNNING	Bunning	Configure
		Startup
		-
		Start
		Stop
		Delete
		0.000
,		

h. Make sure you have a connection to the Ethernet devices and test the newly added driver.

		1-1-1-1
RSLinx Classic DEM - [RSWho - 1]		- U ×
Rile Edit View Communications Station DDE/OPC Security V	Vindow Help	_ B ×
🗃 🚠 🎜 🖻 📔 🕅		
Autobrowse Refresh	88.61 found	
□ ■ Workstation, USB1777ICW161 □ → Linx Gateways, Ethernet □ → AB_VBP-1, 1789-A17/A Virtual Chassis □ → Trainer, Ethernet □ → 10.15.88.60, 1756-EN2T, 1756-EN2T/D □ □ 10.15.88.61, 1756-EN2T, 1756-EN2T/D □ □ 10.15.88.61, 1756-EN2T, 1756-EN2T/D	10.15.88.61 10.15.88.60 1756-EN2T/D 1756-EN2T/D	
For Help, proce E1		226 AM
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Note: the main difference in this Ethernet driver is that you can set up several of these type drivers for individual use. You can add as many different ones as you need for you network.

3. Adding an EtherNet/IP driver

- a. Keep RSLinx Classic open or if you have closed it then re-open it by going to Start→ all programs→ Rockwell Software→ RSlinx → RSlinx Classic
- b. Open the Configure driver section of RSLinx as shown below

🗞RSLinx Classic OEM - [RSWho - 1]		_ []
👬 File Edit View Communications Station DDE/OPC Security Window Help		_ 8
🛥 🚠 🖉 📾 📧 🕅		
Autobrowse Configure Drivers		? ×
Image: Second	• Add New	Close Help
Configured Drivers: Name and Description AB_VEP-1 RUNNING Trainer AB_Fiberrat_BUINING	Status Running Burning	Configure
	Training	Startup
		Start
		Stop
		Delete
For Help, press F1	NUM	07/25/16 08:38 AM

c. Use the Available Driver Type drop down box to select a driver. This drop down is shown below highlighted in yellow.

Conf	iqure Drivers		? ×
	vailable Driver Types:	Add New	Close
	1/84-U2DHP for DH+ devices RS-232 DF1 devices Ethernet devices EtherNet/IP Driver 1784-PCIC(S) for ControlNet devices Virtual Backplane (SoftLogix58xx, USB) Remote Devices via Linx Gateway	Status Running Running	Help Configure Startup Start
			Stop
			Delete

d. Select the EtherNet/IP driver as shown below then press Add New

Configure Drivers		<u>? ×</u>
Available Driver Types: EtherNet/IP Driver	Add New	Close Help
Configured Drivers:		
Name and Description	Status	
AB_VBP-1 RUNNING	Running	Configure
Trainer A-B Ethernet RUNNING	Running	
		Startup
		Start
		Stop
		Delete
1	i 1	

e. A default name will appear in the Driver's name box as shown below you can change it if you would like but no need really because this Ethernet driver auto detects any Ethernet device attached to your computer that is on that IP octal.

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ок 💦
Cancel

f. Next a screen will pop up showing you that you are going to use the standard Windows driver for your computer which means that anything connected will be detected. Press OK

Configure driver: AB_ETHIP-1	? ×
EtherNet/IP Settings	
Browse Local Subnet Browse Remote Subnet	
Description IP Address	_
Windows Default Intel(R) PR0/1000 MT Network Connection 10.15.88.177	
OK Cancel Apply H	elp

g. Close the Configure drivers section.

Configure Drivers		? ×
Available Driver Types: EtherNet/IP Driver	Add New	Close Help
Configured Drivers:		
Name and Description	Status	
AB_ETHIP-1 A-B Ethernet RUNNING	Running Running	Configure
Trainer A-B Ethernet BUNNING	Running	Charles
	- roanning	startup
		Start
		Stop
		Delete
,	11	

h. Make sure you have a connection to the Ethernet devices and test the newly added driver.

	Vindow Help				- II - II	키지
🗃 🚠 🖉 🚳 🔯 🕺						
Autobrowse Refresh 🔒 🇰 Browsing - node 10.15	88.120 found					
→ Workstation, USBI777ICW161 → Linx Gateways, Ethernet → AB_ETHIP-1, Ethernet → 10.15.88.1, 1756*EN2T, 1756*EN2T/D → 10.15.88.12, 1756*EN2T, 1756*EN2T/A → 10.15.88.12, 1756*EN2T, 1756*EN2T/A → 10.15.88.120, 1756*EN2T, 1756*EN2T/A → 10.15.88.14, 1756*EN2T, 1756*EN2T/D → 10.15.88.5, 1756*EN2T, 1756*EN2T/C → 10.15.88.60, 1756*EN2T, 1756*EN2T/C → 10.15.86.61, 1756*EN2T, 1756*EN2T/D → AB_VBP-1, 1789*A17/A Virtual Chassis B → Trainer, Ethernet	10.15.88.60 1756-EN2T/D 10.15.88.12 1756-EN2T/A	10.15.88.61 1756-EN2T/D 10.15.88.14 1756-EN2T/C	10.15.88.13 1756-EN2T/D 10.15.88.120 1756-ENBT/A	10.15.08.1 1756-EN2T/D	0.15.88.55 1756-EN2T/C	
For Help, press F1	,			07/	25/16 08:51 Af	M

Note: This driver auto detects anything connected to the static IP address that your computer has.

This concludes the setup of both RSLinx Ethernet drivers that can be used.