前提

CX 控制器配备 CX1500-M310 Profibus 主站模块, CX1500-M310 与 BX3100 间 Profibus 连接正常,并已处于 Free Run 或 Run 状态。

实现步骤

1、记下 System Manager 中 CX 控制器的 IP 地址及 BX3100 的 AMS NetID,如下图:

Options Help Lion Version (Local) Version (Target) Boot Settings (Target) CX Settings Lion Version (Local) Version (Target) Boot Settings (Target) CX Settings Lion Version (Local) Version (Target) Boot Settings (Target) CX Settings Lion Version (Local) Version (Target) Boot Settings (Target) CX Settings Lion Version (Local) Version (Target) Boot Settings (Target) CX Settings Lion CX 201F0A5 Lion CX 控制器 IP 地址为:					
See Control And Control Version (Target) Boot Settings (Target) CX Settings AmsNetId: 5.1.240.165.1.1 Host Name: CX_01F0A5 CX 控制器 IP 地址为:					
ion Version (Local) Version (Target) Boot Settings (Target) CX Settings AmsNetId: <u>5.1.240.165.1.1</u> Host Name: CX_01F0A5 (500-M310)					
AmsNetId: 5.1.240.165.1.1 Host Name: CX_01F0A5					
AmsNetId: 5.1.240.165.1.1 Apply Host Name: CX_01F0A5 CX 控制器 IP 地址为:					
L Host Name: CX_01F0A5 (500-M310) CX 控制器 IP 地址为:					
1500-M310) CX 控制器 IP 地址为:					
These Disfilar Accounts of the section of the secti					
Image Image <td< th=""><th></th></td<>					
(X3100)					
IP address: 169.254.27.28 O 1024 x 768					
s BX-Out/Mas Subnet mask: 255.255.0.0					
BX-In/Mast Default O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.					
• DNS server automatically					
W 无标题 — TwinCAT System Tanager — 'CX 01E045'					
File Edit Actions View Ontions Help					
[] D 译译 [] 《 [] 《 [] 》 [] [] [] [] [] [] [] [] [] [] [] [] []					
E SYSTEM - Configuration					
PLC - Configuration					
Cam - Configuration BX3100的AMS/ADS-Interface Active BX3100的AMS NET	-ID 为:				
I/O = Configuration I/O Devices 5.1.240.165.5.2					
□ ₩₩ Device 4 (CX1500-M310) Net-ID: 9.1.240.165.5.2					
Inputs Remote Name: Box 11 (BX3100)_Device 4 (CX1500-M310)					
Inputs Chan;					
a word BX-Out/Mas					
B WORD BX-In/Mast B Word BX-In/Mast B Word BX-In/Mast					

2、编程电脑的 TwinCAT 属性中,手动添加一个 AMS Router 如下图

Remote Cor	mection Properties 🛛 🔀	
Name:	BX3100	填写 BX3100 的 AMS NET ID
AMS Net Id:	5.1.240.165.5.2 Cancel	描写 cy 按制器的 up 抽起
Address:	169.254.27.28	填与 CA 控制 品的 IP 地址
Transport:	TCP/IP Slow Connection	选择 TCP/IP

OK 后即在 AMS Router 列表中添加了 BX3100 (左图),记得将 TwinCAT 执行一次切换到 Config 的操作(右图)

TwinCAT System Properties		
General System AMS Router PLC Registration	💡 About TwinCAT	
Local Computer	🖹 L <u>o</u> g View	
AMS Net 10.41.2.30.1.1	System Manager	
- Remote Computers	PLC Control	
BESTWAY-DELL	.0 [©] <u>R</u> ealtime Settings	
BX_048B98 BX3100	Rou <u>t</u> er	
CX_01F0A5 CX_02A81B	😥 <u>S</u> tart <u>S</u> ystem 🕨	
CX_05DF3A	<u>∯</u> S <u>t</u> op <u>I</u> O ▶	
	Restart PLC •	- C - U - 1
Add Remove Properties	🙀 😥 Config 🔂 Properties	onrig mod
		14:03
确定 取消 应用 (A)		

3、打开 PLC Control,在 Online—>Choose Run-Time System 中即可选中 BX3100 进行正常的调试、下载等操作

Choose Run-Time System	
 → Local→ (10.41.2.30.1.1) → Run-Time 1 (Port 801) → C×_0305AC (5.3.5.172.1.1) → C×_02A81B (169.254.69.42.1.1) → C×_02A81B (169.254.69.42.1.1) → C×_02A81B (5.2.168.27.1.1) → C×_01F0A5 (5.1.240.165.1.1) → S×_048B98 (172.16.21.90.1.1) 	OK Cancel Version Info