

CDI News

Bitfields implemented !

	A	В	U	U	E	F	6	H		J	K
1	NUMBER	NAME	BUS	LINE	MASK	ADDRESS	ACCESS	INPUT	FORMAT		
2	0	StsBits:Field1	BITFIELD	0	0x01			0	short		
З	0	StsBits:Field2	BITFIELD	0	0x02			0	short		
4	0	StsBits:Field3	BITFIELD	0	0x03			0	short	Δn	vthing m
5	0	SEKI:PowOn	TEMPLATE	0		0:09	WR	1	short		ything m
6	0	SEKI:PowOff	TEMPLATE	0		0:09	WR	2	Short	(Ct	atus' fro
7	0	SEKI:HVOn	TEMPLATE	0		0:09	WR	4	Short	J	alus IIU
8	0	SEKI:HVOff	TEMPLATE	0		0:09	WR	8	Short		MPLAT
9	0	SEKI:Status	TEMPLATE	0		0:00			BITFIELD16: <stsbits></stsbits>		
10	0	SEKI:Soll	TEMPLATE	0		10:10			Short	201	tomatica
11	1	KICK2-	SEDPC	1		16.48: <se< td=""><td>KI></td><td></td><td>Short</td><td>au</td><td>iomatica</td></se<>	KI>		Short	au	iomatica
12	2	KICK2+	SEDPC	1		10.32: <se< td=""><td>KI></td><td></td><td>Short</td><td>hit</td><td>field of "</td></se<>	KI>		Short	hit	field of "
13		SEPT-/+	SEDPC	1		25.80: <se< td=""><td>KI></td><td></td><td>Short</td><td></td><td></td></se<>	KI>		Short		
		1	1	1	1	1	1	1	i	tur	

Anything mapping to 'Status' from the TEMPLATE SEKI is automatically a bitfield of "StsBits" type !

68	58 HKI36.MPX2	SEDPC	1	17.176:0:0		1 Short
69	59 VKI12.MPX2	SEDPC	1	17.176:8:0		1 Short
70	60 KI40E.Status.Field1	SEDPC	1	9.32:0	WR	1 Short
71						

Need to Write 'Field1' ? Name the 'device' separately !

CDI News

Field Bus Names

- CDI Property "BUSNAME" now gives the field bus name
- CDI Property "BUSTYPE" now gives the generic bus name (the old "BUSNAME").

FIELD BUS Names

Case 1 : You don't add anything to your CDI database.

nstant Client										
Print Options Debug Tools	ALL Show Stock Properties Device Name Device Property SE42E.Status.Field3 Device Property BUSTYPE Description Bus type in use by selected device Timeout 1000 BUSTYPE @ May 15 21:06:01.578 READ POLL Draw Mode Text dur use tcpip Autoscale									
Device Context HARDWARE		Show Stock P	roperties							
Device Server MSTXPLDUVAL.CDI			_							
Data Size Data Type NAME16		ed device								
SE42E.Status.Field3 BUSTYPE @1	SE42E.Status.Field3 BUSTYPE @ May 15 21:06:01.578									
(0) SEDPC		~	POLL							
		~	AutoscaleLog Scale							

ere Instant Client										
Print Options Debug Tools Show Globals ! Input Panel !										
Device Context HARDWARE	Device Subsystem ALL	Show Steck P	Properties							
Device Server MSTXPLDUVAL.CDI	Device Name SE42E.Status.Field3	Device Property BUSNAME	•							
Data Size Data Type NAME32 V	Description Fieldbus in use by selected	ed device	- Timeout 1000							
SE42E.Status.Field3 BUSNAME @	May 15 21:01:36.765		READ							
(0) SEDPC-line1	(0) SEDPC-line1									
			Draw Mode							
			🗆 use topip							
		~	Autoscale							
1			Log Scale							

FIELD BUS Names

Case 2 : You add fieldbus names to your CDI database.

		Α	в	L L		U	E	F	6	Н		J	ĸ
	1 N	IUMBER	NAME	BUS		LINE	ADDRESS	MASK	ACCESS	INPUT	FORMAT		
	2		SEDPC:SekiPowerSupplies	FIELDBUS	3	$\sum 1$	0				short		
	3	0	StsBits:field1	BITFIELD		1	0	0x01			short		
	4	0	StsBits:field2	BITFIELD		1	0	0x02			short		
	5	0	StsBits:field3	BITFIELD		1	0	0x03			short		
	6	0	SEKI:PowOn	TEMPLATE	E	0	00:09		WR	1	short		
	7	-	SEKI:PowOff	TEMPLATE		0			WR		Short		
	8	0	SEKI:HVOn	TEMPLATE	E	0	00:09		WR	4	Short		
	9	0	SEKI:HVOff	TEMPLATE	_	0	00:09		WR	8	Short		
	10	0	SEKI:Status	TEMPLATE			05.00						
	11	0	SEKI:Soll	TEMPLATE		istant Client							
	12	1	KICK2-	SEDPC	_		<u>D</u> ebug Tools .		als ! <u>I</u> nput Pane	el !			
	13	2	KICK2+	SEDPC		vice Context		Device Sul	-	— — — —			
						ARDWARE	<u> </u>	ALL	_		tock Propertie	s	
						vice Server CSXPDUVAL		Device Na KICK2Soll		- Device Prop BUSNAME	perty	_	
Cd	iad	ddr c	sv scan order :										
Uu					-Da		ata Type ME32 -	- Description	n <mark>1 use by select</mark> i	d daviaa	Time		
4)	0						AME 32		use by selection		1000	J	
1)	30	an Ior	FIELDBUS names	5	MCS		DI/KICK2Soll B		4ay 15 22:35:52.3	61	Re	ead	
	~					(0) SekiPowerSupplies						DLL	
2)	Sc	can for	Bitfields			U, SERIION	ersuppires						
	,											Mode	
3)	3) Scan for TEMPLATES										Text	dun 💌	
'													
4)	4) Scan for Devices											topip	
''	00		2011000									oscale	
											Aut	oscale	

Log Scale

CDI Issues

- Separate Read/Write Address registers for CAN Bus Plugs (a la SEDAC bus plugs)
- Windows threading issue with multiple synchronous calls ???