Kasse med Magnetbånd fra Rosenlund - april 2004 Stammer fra RC8000 testmaskine i Præstø (PKN)

SW2101/2/3.02	RC3502/2 Real-Time Pascal Cross Compiler	870320						
SW2001/2/3.02	RC3502 Operating System	870320						
PD8010/2/2.0	System Utility Release 2.0	850801						
PD8740/1/1.0	RC8000 ADP Package	850901						
PD8500/1/14.0	Algol Package Release 14.0	850801						
SW8001/2/4.1	RC8000 Basis System Package	860115						
PD8600/1/12.0	Assembler Package Release 12.0	85040 1						
1 stk tape uden identifikation								

1 stk strimmel (lille) Bondegård Test HJÆLP

		nation	······································	1	D02502	1	class
subj.	age Desc				RC3502		ex
	REAL-T	IME PASC	AL Package	for RC35	02/2, SW210	1/2/3.02	
	PACKAG	E DESCRI	PTION				
	1.	PACKAG	E NUMBER				
		SW2101	/2				
	2.	DACKAC	E NAME				
	<u>~ •</u>						
		RC3502	/2 REAL T	LME-PASCA	L Cross Com	piter	
	3.	RELEAS	E				
•		3.02,	87.03.20.				
	4.	ABSTRA	CT				
		piler includ progra	for RC3 ed are thi m indental ssion. Co	502/2 run ree utili	-TIME PASCA ning on an ty programs ss referenc output is	RC8000. A for sou	lso rce ext
	5.	PREREÇ	UISITES				
		Basis System	System Pac Utility I		SW8001/1 or SW8010/2)	SW8001/2)
	6.	DOCUME	NTATION				
		The dc includ		on is col	lected in S	DO 116	and
		PASCAL	o. 52-AA9 80 REPORT Staunstru		ry 1980		
		PASCAL	o. 42-i153 80 User´s rdino, Oct	Guide	0	•	

	IC	inform	ation	repl.	JABA	861015	ident	JABA	870320	page	2/4
		age Descri			<u> </u>		RC 3	502		class	ext.
	subj.	REAL-TIM	IE PASCA	L P	ackage	for RC350	2/2,	SW210 ⁻	1/2/3.02		
										<u></u>	
				80 I	Driver	7: Conventio October 1					
			Refere	/2 F nce	REAL-T Manua	IME PASCAL		3			
		7.	INSTAL	LATI	ON						
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						s of the part on in sect			segments	and	
			The tap	p e i	s arra	anged as fo	ollow	s:			
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						n text for ty program				pec-	
						o mtsw2101 ves message	0 e.no		·		
-			standa	rd j an	ob wit d it	a text: th fp-comma may be No. l.	ands	to loa	ad the d	com-	
			The con this wa		er is	loaded by	mean	s of t	he job	in	
			t i	= s t	et mto	o mtsw2101	0	2			
1321											
RCSL No: 42-1 1321											

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		rmation	repl.	JABA	861015 I		ident	JABA	87032	0	page	3/-
<u>.</u>		escription					RC 3				class	ext
ıbj.	REAL	-TIME PASC	AL P	ackage	for R	C3502	/2,	SW210	1/2/3.	02		
	8.	ENTRY	SURV	ΈY								
				on of	the na	ckage	ore	ates	the fo	110	ı_	
		ing pe	rman	ent en	tries:	chage		aces		01100	•	
		rtp35022 rtp35022p	3	1-0		r.di			d.370			
		rtp35021p		218 200	U S S	er.di	s c		d.870	320.	0501	
		rt;:35020p	ò. S	132	j U≞≓	er.di	s¢.		d.870	320.0	0301	
		ntp35521e ntp35622e		3 10		×r.di: ×r.di			d.870			
		ntp250221. ntp25022e	20	1.6 1.2	J 3 :	er.di:	s C		d.570			
		pascrun		ŝ	1 33	er.di	S C		d.360	217.1	1339	
		pascallib indent		1 . 3 9		er.di: F.di:			d.360			
		onose nipodapne	1.5	17		n. 11.			id.î∧? 1.273			
		14 entr.,		A 15 10 15	4 _ 17 •	•••	i v			• ·	2 2 2 1	
	9.	VERIFI	CATI	ON								
		Entrie releas survey	e da	nspect tes, a								
	10.	CHANGE	S									
				of e on Mar							/2	
	11.	STATUS	INF	ORMATI	ON							
	11.1	Requir	emen	ts								
		Core s	ize:		At lea size plexit	is d	leper	ndent	on the	e cor	n –	
					pile.	-						

E information	repl. JABA	861015	ident JABA	870320	page	4/4
Package Description			RC3502		class	ext.
SUDJ. REAL-TIME PASCA	AL Package	for RC3502	2/2, SW210	1/2/3.02	.	

Area processes: The compiler uses 8 area processes.

Code:

Binary relocatable object code with contents key of entry tail set to 16 and kind set to 1.

11.2 Known Errors

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Ω,

Declaration of a variable whose type depends on a parameter, is marked an error unless it is preceded by a non-empty type, routine, or process section. The error message is number 24 from pass 3: "only variables of surrounding scope allowed"

IC	inform	ation	repl.	BB 8	61015	ident	BB 8	370320	page	1/1
	ige Descri	iption				RC 3	502		class	ext.
ubj.	RC3502/2	2 Opera	ting	Syster	n Package,	SW20	01/2/	'3.02		
		DECODI								
-	PACKAGE	DESCRI	PTION							
-	1.	PACKAG	E NUM	BER	•					
		SW2001,	/2							
-	2.	PACKAG								
		RC3502,	/2 Op	erati	ng System					
	3.	RELEAS	Е							
-		3.02,	- 87.03	.20						
-	4.	ABSTRA	CT							
		The pac RC3502			s the pro Standard (
	• •		of u	tilit	y programs Real-Tim	for	mani	pulation	of	
		rams.		, -					- 3	
1	5.	PREREQ	UISIT	ES						
-		RC8000	01011							
		RC3502 Basis			kago	(5148)	01/1	or SW800	1/2)	
		System	Ūtil	ity P	ackage	(SW80)10/2			
		Redi 1	Ime P	ascal	Package	(2021	101/2	rerease	3.01)	

RCSL No: 42-1 1321

	informa		888	61015	ident BB 8	70320	page	ر بے
	age Descrip	otion			RC3502		class	ext
ubj.	RC3502/2	Operat	ing Syste	m Package,	SW2001/2/3	3.02		
	6.	DOCTIM	ENTATION					
			<u> </u>	anuals ar	e included	in SDO 11	5:	
	6.1	RCSL I RC350	No.: 52-AA 2/2 REAL-T ence Manua	1167 IME PASCA				
		pleme		f Real-Ti	escription me Pascal o		im- 502	
		compi		related	e the Real- utility pro			
	6.2		No.: 99 0 2/2 Operat					
		model opera	2: Power-	on, power em OPSYS,	w to operat -off, comma operation	nds to	the	
		(This	manual su	bstitutes	RCSL No.:	52-AA1195).	
	6.3	PASCA	No.: 52-AA L80) Driver	1029				
					a descript PASCAL80.	ion of	the	
	6.4	RC350	No.: 43-GI 2 LAM108/1 ence Manua	16 Driver				
		asyncl with	nronous co transmiss	mmunicati ion spee	pports full ons on 8 c d selectabl r line basi	or 16 li Le between	nes	
	6.5		No.: 52-AA 2 CPUSE	1093				
		CPUSE used compu	to measure	11 PASCAL the CP	80 process U load ir	which can n an RC3	be 502	

IC informa	tion	repl.	BB 8	61015	ident BB 8	70320	page	3/11
Package Descrip	otion				RC3502		class	ext.
^{subj.} RC3502/2	Opera	ting	Syste	m Package,	SW2001/2/	3.02		
	···· · · ·							
6.6	RCSL RC350 Refer	2 IMS ence	S Driv Manua	ver al				
	The mats	diffe are d	erent descri	function	the RC3502 s and the s ell as th	IMS Drive specific fo he necessa	or-	
6.7	RC350 Refer	2 LOA	Manua	al		• •		
	The R CAL80 progr editi) obje ams	act n	rograms, a	llocates m	ocatable P emory for ssary link	cne	
6.8	RC354	16 HD	52-A LC Dr Manu	iver al				
	awi ta	hina	6 HD dat ised	a transmis	implemen sion in ac tions X.25	nts a pac cordance w b level 2	ket vith lap	
6.9	RC35	81 SS	52-A 7 Dri Manu					
		RC35 rface em 7.	e to t	SS7 driver he CCITT	recommende	nts a leve ed Signall	el l ling	
6.10	RC-F	S Fil	99 C e Sys Manu) 00761 stem Nucleu Ial				
	This (Fil RC35	e Sys		reference nucleus er.		for the R ented on	C-FS the	

IC information	repl. BB 8	61015	ident BB 8	70320	page	4/11
Package Description			RC3502		class	ext.
^{subj.} RC3502/2 Opera	ting Syste	m Package,	SW2001/2/	3.02		
	No.: 99 0)2 BSC Mult		ster Driver	<u>-</u>		
This point	cence Manua document d Master and proce	lescribes t Driver. Dr	iver funct	ions, inte	er-	
RC350 Refei	No.: 99 0)2 BSC Mult cence Manua	ipoint Sla 1				
point	document d Slave D and proce	river. Dr	iver funct	ions, inte		
RC350	No.: 99 0)2 MACRO ´s Guide	00889				
and incar by is po lines parar	o makes it later on s nation as just givir ossible to s whitch meters wher hanged by e	end any of if it was ng the name have forma is sub the line	the lines typed on of the lines of the lines of the lines is send.	the const ine. Allso ters in by act	get ole it the ual	

RCSL No: 42-1 1321

IC	informa	ation	repl.	BB 8	61015	ident BB 87	0320	page	5/1
	age Descrip	ption				RC3502		class	ext
ubj.	RC3502/2	Operat	ing S	yste	m Package	, SW2001/2/3	.02		
	-								
	7.	INSTAL				0.1	-1		
		tape.	скаде	15	delivered	on a 9-trac	ck magne	tic	
					s of the en in sec	package in s tion 8.	segments	and	
	7.1	Instal	latio	n fr	om Magnet	ic Tape			
		The ta	pe is	arr	anged as	follows:			
		File N	0.	<u>Co</u>	ntents		Forma	t	
		0 1 2 3 4 5 6 7		pa jo jo pr li	b to load b to load b to load ograms	file 6	text text text text text save/ save/ save/	load	
	-					am copy, e.c		ec-	
						sw2001 0 1 message.no t	t		
		standa	rd jo and	b wi	th fp-com	tfile, which mands to loa inspected	ad the pa	ck-	
					es on fil his way:	e 5 are load	ded by me	ans	
				= s t	et mto mi	.sw2001 0 2			
						e 6 are load cf. 8.2):	ded by me	eans	
				= s t	et mto mi	.sw2001 0 3			
					es on fi his way:	e 7 are loa	ded by me	eans	

	information		61015 T	Ident BB 8	Γ	class	5,
	age Description			RC3502		Class	e:
subj.	RC3502/2 Opera	ating Syste	em Package,	SW2001/2/	3.02		
		t = s	set mto mts	w2001 0 4			
		it					
				•			
					•		
					-		

•

IC	information	repl. BB 8	61015	ident BB 8	70320	page	7/1
Pack	age Description			RC3502	· · · · ·	class	ext
ubj.	RC3502/2 Opera	ting System	n Package,	SW2001/2/	3.02	· ·	
							<u> </u>
	8. ENTRY	SURVEY	•				
	8.1 Entrie	s on File	5				
	user module	programs	using the using t	used, when BSCMASTER he Entity les.	or BSCSLA	VĒ	
	user		using th	e used, whe e Entity modules.			
	progra inclus	ms in an R	TP3502 ob the exter	ogram, whic ject progra nal routine ry.	am librar	y,	
				ge files manent enti		5	
	system3302	117	user.d	130	d.370320.		
	<pre>- stdlip bminiexcap</pre>	- 1	46984 238. 0. 4		d.370320.		
	measurelit	5 m	user.d		d.870320.		
	oprintstat	n in in	. as∝r.d	100	d.870520.		
	DCpuse	2 [1]	42 ° 🔭 🖬 🥵		d. 370320.		
	bmacro Stya		43.85° + 1 43.95° + 1		d.370329.		
	břálcž		esen a		4.870328.		
	b s a 7	1 7	ad . r. 1	i s C	14.970320 .		
	piaa	1 🗇	ఆఫ్జర్ ఉరే		4.270320.		
	blme	1	id > - 17 ∎ 12		<pre>c. 270320. d. 370320.</pre>		
	baciic embiciic:		⊴⊰∻⊓.1 ವ≍∂∩.1		-4.070320.		
	i denvir	·	3.2 6 .3		u 870320		
	Realureerv	/ 1	uter.đ		d.370320.	.1415	
	esJJJJ≩enV	1.	ಷಕರಗೊಂಡ		d.070320.		
	DSCERVIN	1	ucer,d		o.??0320.		
	pacicienv	¥ 	423 8 * • *		a.870320.		
	COUDLE ENV Díain Deann	• •	user.t		370320. 370320.		
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	లుగలు ఉందింది. బైబీబిబిడి విరోగులు			literet i to	3.170320.		
	p110extru:			lipintort	e.270320.	.1410	
				libir sert	-c.279320.		
	pline to ver	- 1	14 3 3 17 6 3				
	crosslink 4	•. •	⊴្ក្ត∙ា		-3,070320. 		
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		4	ہ بھر ،		A. KAD17	1220	
	processo 	• • • • • • •	تەتمىرىي تەتمىرىيە	i tu	a. 3602 1 7.	.1340	

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	informa					·	class	8/1
Jbj.	age Descrip				RC3502		01035	ext
	RC3502/2	Operat	ing Syster	n Package	, SW2001/2/3	8.02		
						,		
	8.2	Entries	s on File	6				
	· ·	The pa	ckage file	s on file	e 6 are in	tended	for	
	H	RC8000	installat	ions with	n the LIB ut ascal progra	ility pr	og-	
	· · · ·	ing th	ne Operat	ing Syste	em are colle	cted in	one	
					al attention installati			
	Ī	RC3502	Model 1	and RC3	502 Model 2	files	may	
		create Lation	name ove s supporti	ng both	olems on RC8 RC3502/l and	000 inst RC3502/	al- 2.	
				-				
					502/l Operat Dll ´, so ove			
	(circum	vented.					
		swz001			.di so			
			t, 23 a ba		.disc .plibinsert			
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		bextru ball			.plibinsert .plibinsert			
		boonve Uslink	rt 1+		• # # * * * * • # # # # #			
		1:			• 4 • 34 • 4 1.50	d_37058	0.141	1
		crun callíc		ୟ 5 ∈ r 2 5 ∈ r		d.26021		
			• ×53					
	8.3	Entrie	s on File	7				
		RC tal	kes no r	- esponsib	ility for t	he entry	on	
	t	Eile 7	. The entr	y contai	ns object	file of	а	
	I t	roces	s adjust to run cor	rectly.	which adjust A tentative	manual	is	
	ä	availa	ble on req	uest to 1	RC.			
	030JL 1 -	ist intr i z	17	91-6.1 201	i je staviji	d.85 11 07	.1637	
	1 ~			and the Br				
	9.	VERIFI	CATION					
	1	Entrie	s inspect	ed by	lookup will	show		
		celeas veys.	e date as	listed a	bove in the	entry s	sur-	
		-1						

E information	repl. BB 86	51015	ident BB 8	70320	page	9/11
Package Description			RC3502		class	ext.
^{subj.} RC3502/2 Operat	ting System	n Package,	SW2001/2/	3.02		

10. CHANGES

The files comprizing the RC-FS File System Nucleus have been removed from this package. A seperate package is going to be defined for the RC-FS File System.

number of serious problems, as reported in Α RC3502/2 SIS, Edition March, 1987, have forced us to make this subrelease. As compared to release 3.01 the following changes and extensions should be noticed:

EXCEPTION prints date, time, and version of the source, if the process is external linked.

- TOFROM is changed to handle the parameters as unsigned integers, whereby 64K-1 bytes may be moved.
- PLIBLOOKUP is extended to accept imagefiles as well.
- PLIBALL is a new Pascal program in the family Real-Time object of Pascal program utilities on RC8000:

PLIBALL

produces a catalog listing of the Pliball programs in a library. A list of all the external routines called by the programs is produced for each program in the library. The call is identical to the call of PLIBLOOKUP.

BUFSIZE returns the size of the buffer in bytes and not in words.

11. STATUS

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ÿ S

11.1 Known Errors

> BSCMASTER: Polling stop on may а line, whereafter no further operations on the possible, e.g. start/stop line is requests. А

remove/run of the driver must be per-

E information	repi. BB 861015		ident BB 870320		page 10/11	
Package Description				RC3502		class ext
subj. RC3502/2 Opera	ting Sy	ysten	n Package,	SW2001/2/	3.02	

formed.

The problem seems to originate in the firmware, when an automatic slow down of the polling takes place. The slow down starts when the sum of all the linespeeds (8 lines) exceeds 10000 bytes per. sec.

If HDLC2 is started and the modem clock is not present, it is not always possible to connect the line. Until now the problem has only been reported on 9600 bps lines.

BSCSLAVE: Response on polling stops on a single line. whereafter no further operations on the line is possible. A remove/run of the driver must be performed.

The problem is probably a hanging USART in the controller. A possible solution is being analized.

IMS DRIVER: A `Set Conversion' request is
 returned with result = 16.
 It happens when a number of modem atten tions are returned simultaneously with
 result=16.

PLIBEXTRACT: The call (e.g.)

RCSL No: 42-1 1321

pip = plibextract entry.cpuse lib.cpuse does not result in an error message. The program `cpuse` wil occur twice in the resultfile. The call is illegal according to the documentation. The call should be `entry.<number>` and not `entry.<name>`.

Sendtimer: The Global Time increases from 20 to 50 seconds per 24 hours. The problem is caused by the Control Micro Processor, which is unable to control an oscillator with sufficient accuracy.

A process ADJUSTTIMER is delivered in release 3.01 for experimental purposes. This process adjusts the RC3502 clock, so that an accuracy of +/- 6 seconds per 24

E information	repl. BB 8	61015	ident BB 8	70320	page 10/11		
Package Description			RC3502		class ext.		
subj. RC3502/2 Operating System Package, SW2001/2/3.02							

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42-1 132

RCSL No:

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C information	repl. BB 861015		ident BB 870320		page 11/11				
Package Description			RC3502		class ext.				
RC3502/2 Operating System Package, SW2001/2/3.02									
	<u> </u>								

hours is achieved. The process is described in RCSL: 99 0 00900. This manual may be delivered on request to the editor.

BFPA: If `last+l-first = no of bytes received` the driver returns `result = 66`. The problem may be circumvented by defining the buffersize to maximum blocksize plus one.

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