

BBBBBBBB	PPPPPPP	AAAAAA	XX	XX	RRRRRRR	BBBBBBBB	DDDDDDD	EEEEEEEE	FFFFFFFF						
BBBBBBBB	PPPPPPP	AAAAAA	XX	XX	RRRRRRR	BBBBBBBB	DDDDDDD	EEEEEEEE	FFFFFFFF						
BB	BB	PP	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BB	BB	PP	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BB	BB	PP	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BB	BB	PP	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BBBBBBBB	PPPPPPP	AAAAAA	XX	XX	RRRRRRR	BBBBBBBB	DDDDDDD	EEEEEEEE	FFFFFFFF						
BBBBBBBB	PPPPPPP	AAAAAA	XX	XX	RRRRRRR	BBBBBBBB	DDDDDDD	EEEEEEEE	FFFFFFFF						
BB	BB	PP	PP	AAAAA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BB	BB	PP	PP	AAAAA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BB	BB	PP	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BB	BB	PP	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF
BBBBBBBB	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF	FF	FF
BBBBBBBB	PP	AA	AA	XX	XX	RR	RR	BB	BB	DD	DD	EE	FF	FF	FF

....
....
....
....

RRRRRRR	EEEEEEEE	QQQQQ		
RRRRRRR	EEEEEEEE	QQQQQ		
RR	RR	EE	QQ	QQ
RR	RR	EE	QQ	QQ
RR	RR	EE	QQ	QQ
RR	RR	EE	QQ	QQ
RRRRRRR	EEEEEEEE	QQ	QQ	QQ
RRRRRRR	EEEEEEEE	QQ	QQ	QQ
RR	RR	EE	QQ	QQ
RR	RR	EE	QQ	QQ
RR	RR	EE	QQ	QQ
RR	RR	EE	QQ	QQ
RR	RR	EEEEEEEE	QQQQ	QQ
RR	RR	EEEEEEEE	QQQQ	QQ

This file, BPAXRBDEF.REQ, defines the XRB.

```

*****
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AUTHOR: Jeremy Barker, CREATION DATE: 06-Jan-79

MODIFIED BY:

- VERSION X01
- 014 Jeremy Barker, 13-Mar-79
- Add fields used by .POSTN call
- 143 Jeremy Barker, 10-Apr-79
- Define xrb\$w_timeout as signed
- 200 Jim Ibbett, 26-Apr-79
- Add bitfields for flagword 2 for logical name support
- 219 Jeremy Barker, 24-May-79
- Define fields used by .SPEC call
- 227 Jim Ibbett, 5-Jun-79
- add bit definitions for ronly mode
- 270 Jim Ibbett, 28-Jun-79
- add bit definitions for flagword 2 bit 11
- 264 Jeremy Barker, 02-Jul-79
- define .POSTN return fields as WORD, not BYTE

Viveka Eriksson, 07-Sept-79
 317 - Define fields used by .PEEK call
 1-318 - Change name to BPAXRBDEF.REQ and remove defense against redundant
 requires of this file. JBS
 1-319 - Add copyright notice. SBL 11-Mar-1980

 xrb definition

FIELD xrb\$fields =

SET			
xrb\$w_buflen	= [0, W]	buffer length	
xrb\$w_linesize	= [0, W]	line length + 1 for .POSTN	: M 264
xrb\$w_spec_fun	= [0, W]	function code for .SPEC	: A 219
xrb\$w_peek_arg	= [0, W]	Peek argument	: A 317
xrb\$w_time_1	= [2, W]	System time part I for .PEEK	: A 317
xrb\$w_bytcnt	= [2, W]	byte count	
xrb\$w_carrposn	= [2, W]	carriage position for .POSTN	: M 264
xrb\$w_mt_param	= [2, W]	magtape .SPEC parameter	: A 219
xrb\$w_mt_value	= [2, W]	magtape .SPEC result value	: A 219
xrb\$w_time_2	= [4, W]	System time part II for .PEEK	: A 317
xrb\$w_bufadr	= [4, W]	buffer address	
xrb\$b_channel	= [6, B]	BASIC channel number * 2	
xrb\$v_channel	= [6, V (1,7)]	BASIC channel number	: A 219
xrb\$b_blkhi	= [7, B]	MSB of block number	
xrb\$b_hndindx	= [7, B]	handler index for .SPEC	: A 219
xrb\$w_blklo	= [8, W]	LSB of block number	
xrb\$w_flag2	= [8, W]	Flagword 2 for .FSS	
xrb\$v_name_seen	= [8, V (0)]	Flagword 2 bitfield definitions	
xrb\$v_dot_seen	= [8, V (3)]	...	
xrb\$v_ext_seen	= [8, V (4)]	...	
xrb\$v_ppn_seen	= [8, V (7)]	...	
xrb\$v_prot_seen	= [8, V (10)]	...	
xrb\$v_def_prot	= [8, V (11)]	...	: A270
xrb\$v_coln_seen	= [8, V (12)]	...	
xrb\$v_dev_seen	= [8, V (13)]	...	
xrb\$v_log_name	= [8, V (14)]	...	: A 200
xrb\$v_log_notr	= [8, V (15)]	...	: A 200
xrb\$w_timeout	= [10, W]	terminal input timeout	: M 143
xrb\$w_flag1	= [10, W]	Flagword 1 for .FSS	
xrb\$v_cl_seen	= [10, V (0)]	Flagword 1 bitfield definitions	
xrb\$v_moro_seen	= [10, V (1)]	...	
xrb\$v_fisi_seen	= [10, V (2)]	...	
xrb\$v_pos_seen	= [10, V (3)]	...	
xrb\$v_mo_ronly	= [10, V (7)]	...	: A227
xrb\$v_name_1	= [10, V (8)]	...	
xrb\$v_dot_T	= [10, V (9)]	...	
xrb\$v_ppn_1	= [10, V (10)]	...	
xrb\$v_prot_1	= [10, V (11)]	...	
xrb\$v_coln_1	= [10, V (12)]	...	
xrb\$v_log_T	= [10, V (13)]	...	: A 200
xrb\$v_nfrep	= [10, V (14)]	...	: A 200
xrb\$w_opmod	= [12, W]	operation modifier	

