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! Image Section Synopsis !
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Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
CLUSTER1	3 2	36 1	00000000-R 00004800-R	2 38	0 0	READ ONLY READ WRITE FIXUP VECTORS				
LIBRTL	3 4	111 1	00000000-R 0000DE00-R	0 0	0 0	READ ONLY READ WRITE DEMAND ZERO	LIBRTL_001 LIBRTL_002	LESS/EQUAL LESS/EQUAL	1 1	11 11

Key for special characters above:

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! R - Relocatable !
! P - Protected !
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! Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By ...
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FOR\$CNV_OUT_D	0000007D-R	FOR\$CVTRT	
FOR\$CNV_OUT_E	0000002D-R	FOR\$CVTRT	
FOR\$CNV_OUT_F	00000175-R	FOR\$CVTRT	
FOR\$CNV_OUT_G	00000232-R	FOR\$CVTRT	
FOR\$CVT_D_TD	0000007D-R	FOR\$CVTRT	
FOR\$CVT_D_TE	0000002D-R	FOR\$CVTRT	LIB\$CVTDXDX
FOR\$CVT_D_TF	00000175-R	FOR\$CVTRT	LIB\$CVTDXDX
FOR\$CVT_D_TG	00000232-R	FOR\$CVTRT	
FOR\$CVT_F_TD	00000069-R	FOR\$CVTRT	
FOR\$CVT_F_TE	00000018-R	FOR\$CVTRT	
FOR\$CVT_F_TF	00000166-R	FOR\$CVTRT	
FOR\$CVT_F_TG	0000021E-R	FOR\$CVTRT	
FOR\$CVT_G_TD	00000091-R	FOR\$CVTRT	
FOR\$CVT_G_TE	00000041-R	FOR\$CVTRT	
FOR\$CVT_G_TF	00000184-R	FOR\$CVTRT	
FOR\$CVT_G_TG	00000246-R	FOR\$CVTRT	
FOR\$CVT_H_TD	000000A5-R	FOR\$CVTRT	
FOR\$CVT_H_TE	00000055-R	FOR\$CVTRT	LIB\$CVTDXDX
FOR\$CVT_H_TF	00000193-R	FOR\$CVTRT	LIB\$CVTDXDX
FOR\$CVT_H_TG	0000025A-R	FOR\$CVTRT	
FOR\$_ADJARRDIM	001882EC	FOR\$MSGDEF	
FOR\$_ATTACNON	00188124	FOR\$MSGDEF	
FOR\$_ATTREANON	00188124	FOR\$MSGDEF	
FOR\$_BACERR	001880BC	FOR\$MSGDEF	
FOR\$_CLOERR	001880E4	FOR\$MSGDEF	
FOR\$_DELERR	001881BC	FOR\$MSGDEF	
FOR\$_DIRIO KEY	00188814	FOR\$MSGDEF	
FOR\$_DUPFILSPE	001880AC	FOR\$MSGDEF	
FOR\$_ENDDURREA	001880C4	FOR\$MSGDEF	
FOR\$_ENDFILERR	0018810C	FOR\$MSGDEF	
FOR\$_ERRDURREA	0018813C	FOR\$MSGDEF	
FOR\$_ERRDURWRI	00188134	FOR\$MSGDEF	
FOR\$_FACILITY	00000018	FOR\$MSGDEF	
FOR\$_FILNAMSPE	0018815C	FOR\$MSGDEF	
FOR\$_FILNOTFOU	001880EC	FOR\$MSGDEF	
FOR\$_FINERR	001881CC	FOR\$MSGDEF	
FOR\$_FLOUNDEXC	00188963	FOR\$MSGDEF	
FOR\$_FMIO UNF	0018880C	FOR\$MSGDEF	
FOR\$_FORVARMIS	001881EC	FOR\$MSGDEF	
FOR\$_IFILORG	0018819C	FOR\$MSGDEF	
FOR\$_INCKEYCHG	00188194	FOR\$MSGDEF	
FOR\$_INCOPECLO	00188174	FOR\$MSGDEF	
FOR\$_INCRECLEN	0018812C	FOR\$MSGDEF	
FOR\$_INRECTYP	00188164	FOR\$MSGDEF	
FOR\$_INFFORLOO	001881E4	FOR\$MSGDEF	
FOR\$_INPCONERR	00188204	FOR\$MSGDEF	
FOR\$_INPRECTOO	001880B4	FOR\$MSGDEF	
FOR\$_INPSTAREQ	0018821C	FOR\$MSGDEF	
FOR\$_INSVIRMEM	0018814C	FOR\$MSGDEF	

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Symbol	Value	Defined By	Referenced By ...
FORS_INVARGFOR	00188184	FORSMSGDEF	
FORS_INVKEYSPE	0018818C	FORSMSGDEF	
FORS_INVLOGUNI	00188104	FORSMSGDEF	
FORS_INVREFVAR	0018809C	FORSMSGDEF	
FORS_INVTEX	0018883C	FORSMSGDEF	
FORS_INVTEXREC	00188834	FORSMSGDEF	
FORS_IO_NONFOR	0018882C	FORSMSGDEF	
FORS_KEYIO DIR	00188824	FORSMSGDEF	
FORS_KEYVACERR	0018816C	FORSMSGDEF	
FORS_LISIO SYN	001881DC	FORSMSGDEF	
FORS_MIXFILACC	001880FC	FORSMSGDEF	
FORS_MORONERC	001880DC	FORSMSGDEF	
FORS_NOTFORSPE	0018800C	FORSMSGDEF	
FORS_NO_CURREC	001881AC	FORSMSGDEF	
FORS_NO_SUCDEV	00188154	FORSMSGDEF	
FORS_OPEDEFREQ	001880D4	FORSMSGDEF	
FORS_OPEFAI	001880F4	FORSMSGDEF	
FORS_OPEREQDIS	00188844	FORSMSGDEF	
FORS_OPEREQSEQ	0018884C	FORSMSGDEF	
FORS_OUTCONERR	001881FA	FORSMSGDEF	FOR\$CVTRT
FORS_OUTSTAOVE	00188214	FORSMSGDEF	
FORS_RECIO OPE	00188144	FORSMSGDEF	
FORS_RECNUMOUT	001880CC	FORSMSGDEF	
FORS_REWERR	001880A4	FORSMSGDEF	
FORS_REWRITERR	001881B4	FORSMSGDEF	
FORS_SEGRECFOR	0018811C	FORSMSGDEF	
FORS_SEQIO DIR	0018881C	FORSMSGDEF	
FORS_SPERECLOC	001881A4	FORSMSGDEF	
FORS_SYNERRFOR	001881F4	FORSMSGDEF	
FORS_SYNERRNAM	0018808C	FORSMSGDEF	
FORS_TOOMANREC	001880DC	FORSMSGDEF	
FORS_TOOMANVAL	00188094	FORSMSGDEF	
FORS_UNFIO FMT	00188804	FORSMSGDEF	
FORS_UNIALROPE	00188114	FORSMSGDEF	
FORS_UNLERR	001881C4	FORSMSGDEF	
FORS_VFEVALERR	00188224	FORSMSGDEF	
FORS_WRIREFIL	0018817C	FORSMSGDEF	
LIB\$CVT_ASHR_R1	0000338B-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CMPH_R1	00003397-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTDR_R1	00003210-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTGH_R1	0000331C-R	LIB\$CVTMAC	LIB\$SFIND_CVT_PATH LIB\$CVTDXX
LIB\$CVT_CVTMD_R1	00003312-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTHF_R1	0000330D-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTHG_R1	00003317-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTLB_R1	00003038-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTLH_R1	00003040-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTLW_R1	0000303C-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTRD_R1	000031E0-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTRHL_R1	00003215-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTRHO_R1	000032B7-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTRHQ_R1	0000321A-R	LIB\$CVTMAC	LIB\$CVTDXX
LIB\$CVT_CVTRUD_R1	000030AA-R	LIB\$CVTMAC	LIB\$CVTDXX

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Symbol	Value	Defined By	Referenced By ...
LIBSSCVT_CVTRUF_R1	00003059-R	LIBSCVTMAC	
LIBSSCVT_CVTRUG_R1	000030FB-R	LIBSCVTMAC	
LIBSSCVT_CVTRUH_R1	00003128-R	LIBSCVTMAC	LIBSCVTDXDX
LIBSSCVT_DIVD2_RT	0000337D-R	LIBSCVTMAC	LIBSCVTDXDX
LIBSSCVT_DIVH2_R1	00003386-R	LIBSCVTMAC	LIBSCVTDXDX
LIBSSCVT_MULD2_R1	00003379-R	LIBSCVTMAC	LIBSCVTDXDX
LIBSSCVT_MULH2_R1	00003381-R	LIBSCVTMAC	LIBSCVTDXDX
LIBSSCVT_SCALE_OU_DOWN_BY_10_R1	00003350-R	LIBSCVTMAC	LIBSCVTDXDX
LIBSSCVT_SCALE_OU_UP_BY_10_RT	00003321-R	LIBSCVTMAC	LIBSCVTDXDX
LIBSSFIND_CVT_PATH	000034A3-R	LIBSSFIND_CVT_PATH	LIBSCVTDXDX
LIBSAB_CVTPT_0	00003CF8-R	LIBSAB_CVTPT_0	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSAB_CVTPT_U	00003DF8-R	LIBSAB_CVTPT_U	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSAB_CVTPT_Z	00003EF8-R	LIBSAB_CVTPT_Z	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSAB_CVTTP_0	00003FF8-R	LIBSAB_CVTTP_0	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSAB_CVTTP_U	000040F8-R	LIBSAB_CVTTP_U	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSAB_CVTTP_Z	000041F8-R	LIBSAB_CVTTP_Z	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSAB_CVT_0_U	000042F8-R	LIBSAB_CVT_0_U	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSAB_CVT_U_0	000043F8-R	LIBSAB_CVT_U_0	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIBSCVT_DX_DX	000005E0-RU	LIBSCVTDXDX	LIBSVECTR2
LIB\$DECODE_FAULT	0000178C-RU	LIB\$DECODE_FAULT	LIBSVECTR2
LIB\$GET_OPCODE	00004868-RX	LIBRTL	LIB\$DECODE_FAULT
LIB\$MATCH_COND	0000486C-RX	LIBRTL	LIBSCVTDXDX
LIB\$SCOPY_DXDX6	00004874-RX	LIBRTL	LIBSCVTDXDX
LIB\$SCOPY_R_DX6	00004870-RX	LIBRTL	LIBSCVTDXDX
LIB\$SIGNAL	0000487C-RX	LIBRTL	LIBSCVTMAC MTH\$SIGNAL
LIB\$SIG TO RET	00004880-RX	LIBRTL	LIBSCVTDXDX
LIB\$SIM_TRAP	00002870-RU	LIB\$SIM_TRAP	LIBSVECTR2
LIB\$STOP	00004878-RX	LIBRTL	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIB\$MSGDEF	0015823C	LIB\$MSGDEF	
LIB\$MSGDEF	00158374	LIB\$MSGDEF	
LIB\$MSGDEF	0015827C	LIB\$MSGDEF	
LIB\$MSGDEF	00158394	LIB\$MSGDEF	
LIB\$MSGDEF	00158264	LIB\$MSGDEF	
LIB\$MSGDEF	0015826C	LIB\$MSGDEF	
LIB\$MSGDEF	0015C000	LIB\$MSGDEF	
LIB\$MSGDEF	00158204	LIB\$MSGDEF	
LIB\$MSGDEF	00158384	LIB\$MSGDEF	
LIB\$MSGDEF	0015833C	LIB\$MSGDEF	LIBSCVTDXDX
LIB\$MSGDEF	0015832C	LIB\$MSGDEF	LIBSCVTDXDX
LIB\$MSGDEF	0015829C	LIB\$MSGDEF	
LIB\$MSGDEF	001582A4	LIB\$MSGDEF	
LIB\$MSGDEF	001582AC	LIB\$MSGDEF	
LIB\$MSGDEF	0015C008	LIB\$MSGDEF	
LIB\$MSGDEF	0015C010	LIB\$MSGDEF	
LIB\$MSGDEF	0015C018	LIB\$MSGDEF	
LIB\$MSGDEF	00158029	LIB\$MSGDEF	
LIB\$MSGDEF	00000015	LIB\$MSGDEF	
LIB\$MSGDEF	0015820C	LIB\$MSGDEF	LIBSSFIND_CVT_PATH LIBSCVTDXDX
LIB\$MSGDEF	00159008	LIB\$MSGDEF	
LIB\$MSGDEF	00158344	LIB\$MSGDEF	LIBSCVTDXDX
LIB\$MSGDEF	0015834C	LIB\$MSGDEF	LIBSCVTDXDX

Symbol	Value	Defined By	Referenced By ...
LIBS_GSDTYP	0015C020	LIB\$MSGDEF	
LIBS_ILLFMLCNT	0015C028	LIB\$MSGDEF	
LIBS_ILLMODNAM	0015C030	LIB\$MSGDEF	
LIBS_ILLPSCLEN	0015C038	LIB\$MSGDEF	
LIBS_ILLRECLN	0015C040	LIB\$MSGDEF	
LIBS_ILLRECLN2	0015C048	LIB\$MSGDEF	
LIBS_ILLRECTY2	0015C058	LIB\$MSGDEF	
LIBS_ILLRECTYP	0015C050	LIB\$MSGDEF	
LIBS_ILLSYMLN	0015C060	LIB\$MSGDEF	
LIBS_INPSTRTRU	0015821C	LIB\$MSGDEF	
LIBS_INSCLMEM	0015836C	LIB\$MSGDEF	
LIBS_INSEF	00158294	LIB\$MSGDEF	
LIBS_INSLUN	001582B4	LIB\$MSGDEF	
LIBS_INSVIRMEM	00158214	LIB\$MSGDEF	
LIBS_INTLOGERR	0015822C	LIB\$MSGDEF	
LIBS_INTOVF	00158334	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_INVARG	00158234	LIB\$MSGDEF	LIB\$DECODE_FAULT
LIBS_INVCHA	001582E4	LIB\$MSGDEF	
LIBS_INVCLADSC	00158314	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_INVCLADTY	0015831C	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_INVCVT	00158304	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_INVFYDSC	0015830C	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_INVFILSPE	0015839C	LIB\$MSGDEF	
LIBS_INVNBDS	00158324	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_INVOPEZON	0015838C	LIB\$MSGDEF	
LIBS_INVSCRPOS	001582D4	LIB\$MSGDEF	
LIBS_INVSTRDES	00158224	LIB\$MSGDEF	
LIBS_INVSYMNAM	0015838C	LIB\$MSGDEF	
LIBS_INVTYPE	0015828C	LIB\$MSGDEF	
LIBS_INVXAB	001583A4	LIB\$MSGDEF	
LIBS_KEYALRINS	00158021	LIB\$MSGDEF	
LIBS_KEYNOTFOU	001582FC	LIB\$MSGDEF	
LIBS_LUNALRFRE	001582BC	LIB\$MSGDEF	
LIBS_LUNRESSYS	001582C4	LIB\$MSGDEF	
LIBS_NEGANS	00159010	LIB\$MSGDEF	
LIBS_NOCLI	0015837C	LIB\$MSGDEF	
LIBS_NOEOM	0015C068	LIB\$MSGDEF	
LIBS_NORMAL	00158001	LIB\$MSGDEF	
LIBS_NOSUCHSYM	00158364	LIB\$MSGDEF	
LIBS_NOTFOU	00158274	LIB\$MSGDEF	
LIBS_NO STRACT	001583AC	LIB\$MSGDEF	
LIBS_ONENTQUE	00158019	LIB\$MSGDEF	
LIBS_OUTSTRTRU	00159000	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_PAGLIMXC	001583C4	LIB\$MSGDEF	
LIBS_PUSSTAOVE	0015824C	LIB\$MSGDEF	
LIBS_QUEWASEMP	001582EC	LIB\$MSGDEF	
LIBS_QUICONACT	00159020	LIB\$MSGDEF	
LIBS_QUIPRO	00159018	LIB\$MSGDEF	
LIBS_RECTOOSML	0015C070	LIB\$MSGDEF	
LIBS_RESTART	00158031	LIB\$MSGDEF	LIB\$DECODE_FAULT
LIBS_ROPRAND	00158354	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_SCRBUFVVF	001582CC	LIB\$MSGDEF	

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Symbol	Value	Defined By	Referenced By ...
LIBS_SECINTFAI	001582DC	LIB\$MSGDEF	
LIBS_SEQUENCE	0015C078	LIB\$MSGDEF	
LIBS_SEQUENCE2	0015C080	LIB\$MSGDEF	
LIBS_SIGNO_ARG	0015825C	LIB\$MSGDEF	
LIBS_STRIS_INT	001582F4	LIB\$MSGDEF	
LIBS_STRLVC	0015C088	LIB\$MSGDEF	
LIBS_STRTRU	00158011	LIB\$MSGDEF	LIB\$CVTDXDX
LIBS_SYNTAXERR	00158284	LIB\$MSGDEF	
LIBS_UNECLIERR	00158384	LIB\$MSGDEF	
LIBS_UNRKEY	00158244	LIB\$MSGDEF	
LIBS_USEFLORES	00158254	LIB\$MSGDEF	
LIBS_WRONUMARG	0015835C	LIB\$MSGDEF	
MTH\$\$JACKET_HND	0000459C-R	MTH\$\$SIGNAL	
MTH\$\$JACKET_TST	00004605-R	MTH\$\$SIGNAL	
MTH\$\$SIGNAL	000045A4-R	MTH\$\$SIGNAL	MTH\$CVTDG
MTH\$\$SIGNAL_CON	00004617-R	MTH\$\$SIGNAL	
MTH\$CVT_DA_GA	0000440C-R	MTH\$CVTDG	
MTH\$CVT_D_G	00004423-R	MTH\$CVTDG	LIB\$CVTDXDX
MTH\$CVT_GA_DA	00004415-R	MTH\$CVTDG	
MTH\$CVT_G_D	0000442C-R	MTH\$CVTDG	
MTH\$K_FAC_NO	00000016	MTH\$ERRDEF	
MTH\$K_FLOOVEMAT	00000058	MTH\$ERRDEF	MTH\$CVTDG
MTH\$K_FLOUNDMAT	00000059	MTH\$ERRDEF	MTH\$CVTDG
MTH\$K_INVARGMAT	00000051	MTH\$ERRDEF	
MTH\$K_LOGZERNEG	00000053	MTH\$ERRDEF	
MTH\$K_SIGLOSMAT	00000057	MTH\$ERRDEF	
MTH\$K_SQUROONEG	00000054	MTH\$ERRDEF	
MTH\$K_UNDEXP	00000052	MTH\$ERRDEF	
MTH\$K_WRONUMARG	00000050	MTH\$ERRDEF	
MTH\$ FACILITY	00000016	MTH\$MSGDEF	
MTH\$ FLOOVEMAT	001682C4	MTH\$MSGDEF	
MTH\$ FLOUNDMAT	001682CC	MTH\$MSGDEF	
MTH\$ INVARGMAT	0016828C	MTH\$MSGDEF	
MTH\$ LOGZERNEG	0016829C	MTH\$MSGDEF	
MTH\$ SIGLOSMAT	001682BC	MTH\$MSGDEF	
MTH\$ SINCOSSIG	001682BC	MTH\$MSGDEF	
MTH\$ SQUROONEG	001682A4	MTH\$MSGDEF	
MTH\$ UNDEXP	00168294	MTH\$MSGDEF	
MTH\$ WRONUMARG	00168284	MTH\$MSGDEF	
OT\$\$CVT_D_T_R8	0000484C-RX	LIBRTL	FOR\$CVTRT
OT\$\$CVT_F_T_R8	00004848-RX	LIBRTL	FOR\$CVTRT
OT\$\$CVT_G_T_R8	00004854-RX	LIBRTL	FOR\$CVTRT
OT\$\$CVT_H_T_R8	00004850-RX	LIBRTL	FOR\$CVTRT
OT\$\$CVT_I_T_I	00004858-RX	LIBRTL	LIB\$CVTDXDX
OT\$\$CVT_T_D	00004864-RX	LIBRTL	LIB\$CVTDXDX
OT\$\$CVT_T_G	00004860-RX	LIBRTL	LIB\$CVTDXDX
OT\$\$CVT_T_H	0000485C-RX	LIBRTL	LIB\$CVTDXDX
OT\$\$ FACILITY	00000017	OT\$\$MSGDEF	
OT\$\$ FATINTERR	00178014	OT\$\$MSGDEF	
OT\$\$ INPCONERR	0017802C	OT\$\$MSGDEF	
OT\$\$ INSVIRMEM	00178044	OT\$\$MSGDEF	
OT\$\$ INTDATCOR	0017801C	OT\$\$MSGDEF	

Value	Symbols...
0015824C	LIB\$_PUSSTA0VE
00158254	LIB\$_USEFLORES
0015825C	LIB\$_SIGNO_ARG
00158264	LIB\$_BADBL0ADR
0015826C	LIB\$_BADBLOSIZ
00158274	LIB\$_NOTFOU
0015827C	LIB\$_ATTCONSTO
00158284	LIB\$_SYNTAXERR
0015828C	LIB\$_INVTYPE
00158294	LIB\$_INSEF
0015829C	LIB\$_EF_ALRFRE
001582A4	LIB\$_EF_ALRRES
001582AC	LIB\$_EF_RESSYS
001582B4	LIB\$_INSLUN
001582BC	LIB\$_LUNALRFRE
001582C4	LIB\$_LUNRESSYS
001582CC	LIB\$_SCRBUFOVF
001582D4	LIB\$_INVSCRPOS
001582DC	LIB\$_SECINTFAI
001582E4	LIB\$_INVCHA
001582EC	LIB\$_QUEWASEMP
001582F4	LIB\$_STRIS_INT
001582FC	LIB\$_KEYNOTFOU
00158304	LIB\$_INVCVT
0015830C	LIB\$_INVDTYDSC
00158314	LIB\$_INVCLADSC
0015831C	LIB\$_INVCLADTY
00158324	LIB\$_INVNBDS
0015832C	LIB\$_DESSTROVF
00158334	LIB\$_INTOVF
0015833C	LIB\$_DECOVF
00158344	LIB\$_FLT0VF
0015834C	LIB\$_FLTUND
00158354	LIB\$_ROPRAND
0015835C	LIB\$_WRONUMARG
00158364	LIB\$_NOSUCHSYM
0015836C	LIB\$_INSCLIMEM
00158374	LIB\$_AMBSYMDEF
0015837C	LIB\$_NOCLI
00158384	LIB\$_UNECLIERR
0015838C	LIB\$_INVSMMNAM
00158394	LIB\$_ATTREQREF
0015839C	LIB\$_INVFILSPE
001583A4	LIB\$_INVXAB
001583AC	LIB\$_NO_STRACT
001583B4	LIB\$_BADTAGVAL
001583BC	LIB\$_INVOPEZON
001583C4	LIB\$_PAGLIMEXC
00159000	LIB\$_OUTSTRTRU
00159008	LIB\$_FILFAIMAT
00159010	LIB\$_NEGANS
00159018	LIB\$_QUIPRO

Value	Symbols...	MO
00159020	LIB\$_QUICONACT	
0015C000	LIB\$_BADCCC	{*
0015C008	LIB\$_EOMERROR	{*
0015C010	LIB\$_EOMFATAL	{*
0015C018	LIB\$_EOMWARN	{*
0015C020	LIB\$_GSDTYP	{*
0015C028	LIB\$_ILLFMLCNT	{*
0015C030	LIB\$_ILLMODNAM	{*
0015C038	LIB\$_ILLPSCLN	{*
0015C040	LIB\$_ILLRECLN	{*
0015C048	LIB\$_ILLRECLN2	{*
0015C050	LIB\$_ILLRECTYP	{*
0015C058	LIB\$_ILLRECTY2	{*
0015C060	LIB\$_ILLSYMLN	{*
0015C068	LIB\$_NOEOM	{*
0015C070	LIB\$_RECTOOSML	{*
0015C078	LIB\$_SEQUENCE	{*
0015C080	LIB\$_SEQUENCE2	{*
0015C088	LIB\$_STRLVL	{*
00168284	MTH\$_WRONUMARG	{*
0016828C	MTH\$_INVARGMAT	{*
00168294	MTH\$_UNDEXP	{*
0016829C	MTH\$_LOGZERNEG	{*
001682A4	MTH\$_SQUROONEG	{*
001682BC	MTH\$_SIGLOSMAT	{*
001682C4	MTH\$_FLOOVEMAT	{*
001682CC	MTH\$_FLOUNDMAT	{*
0017800C	OTSS\$_INVSTRDES	{*
00178014	OTSS\$_FATINTERR	{*
0017801C	OTSS\$_INTDATCOR	{*
00178024	OTSS\$_IO CONCLD	{*
0017802C	OTSS\$_INPCONERR	{*
00178034	OTSS\$_OUTCONERR	{*
0017803C	OTSS\$_STRIS INT	{*
00178044	OTSS\$_INSVIRMEM	{*
0017804C	OTSS\$_WRONUMARG	{*
00178400	OTSS\$_USEFLORES	{*
0018800C	FORS\$_NOTFORSPE	{*
0018808C	FORS\$_SYNERRNAM	{*
00188094	FORS\$_TOOMANVAL	{*
0018809C	FORS\$_INVREFVAR	{*
001880A4	FORS\$_REWERR	{*
001880AC	FORS\$_DUPFILSPE	{*
001880B4	FORS\$_INPRECTOO	{*
001880BC	FORS\$_BACERR	{*
001880C4	FORS\$_ENDDURREA	{*
001880CC	FORS\$_RECNUMOUT	{*
001880D4	FORS\$_OPEDEFREQ	{*
001880DC	FORS\$_MORONEREC	{*
001880E4	FORS\$_CLOERR	{*
001880EC	FORS\$_FILNOTFOU	{*
001880F4	FORS\$_OPEFAI	{*
	MTH\$_SINCOSSIG	{*
	FORS\$_TOOMANREC	{*

Value	

001880FC	FORS_MIXFILACC
00188104	FORS_INVLOGUNI
0018810C	FORS_ENDFILERR
00188114	FORS_UNIALROPE
0018811C	FORS_SEGRECFOR
00188124	FORS_ATTACCNON
0018812C	FORS_INCRECLEN
00188134	FORS_ERRDURWRI
0018813C	FORS_ERRDURREA
00188144	FORS_RECIO OPE
0018814C	FORS_INSVIRMEM
00188154	FORS_NO_SUCDEV
0018815C	FORS_FILNAMSPE
00188164	FORS_INCRECTYP
0018816C	FORS_KEYVALERR
00188174	FORS_INCOPECLO
0018817C	FORS_WRIREFIL
00188184	FORS_INVARGFOR
0018818C	FORS_INVKEYSPE
00188194	FORS_INCKEYCHG
0018819C	FORS_INCFILORG
001881A4	FORS_SPERECLOC
001881AC	FORS_NO_CURREC
001881B4	FORS_REWRITERR
001881BC	FORS_DELERR
001881C4	FORS_UNLERR
001881CC	FORS_FINERR
001881DC	FORS_LISIO SYN
001881E4	FORS_INF FORLOO
001881EC	FORS_FORVARMIS
001881F4	FORS_SYNERRFOR
001881FA	FORS_OUTCONERR
00188204	FORS_INPCONERR
00188214	FORS_OUTSTAOVE
0018821C	FORS_INPSTAREQ
00188224	FORS_VFEVALERR
001882EC	FORS_ADJARRDIM
00188804	FORS_UNFIO_FMT
0018880C	FORS_FMTIO_UNF
00188814	FORS_DIRIO_KEY
0018881C	FORS_SEQIO_DIR
00188824	FORS_KEYIO_DIR
0018882C	FORS_IO_NONFOR
00188834	FORS_INVTEXREC
0018883C	FORS_INVTEX
00188844	FORS_OPEREQDIS
0018884C	FORS_OPEREQSEQ
00188963	FORS_FLOUNDEXC
7FFEE070	SYSSONWIND
7FFEE118	SYSSRCHANDLER
80000010	SYSCALL_HANDL

Symbols...

FORS_ATTREANON

END

Value

Symbols...

Key for special characters above:

```
↑-----↑  
| * - Undefined |  
| U - Universal  |  
| R - Relocatable|  
| X - External   |  
↓-----↓
```

! Image Synopsis !

Virtual memory allocated: 00000000 000049FF 00004A00 (18944. bytes, 37. pages)
 Stack size: 0. pages
 Image header virtual block limits: 1. (1. block)
 Image binary virtual block limits: 2. 38. (37. blocks)
 Image name and identification: LIBRTL2 V04-000
 Number of files: 7.
 Number of modules: 25.
 Number of program sections: 8.
 Number of global symbols: 495.
 Number of cross references: 358.
 Number of image sections: 4.
 Number of code references to shareable images: 15.
 Image type: PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=10
 Map format: FULL WITH CROSS REFERENCE in file _\$255\$DUA28:[LIBRTL.LIS]LIBRTL2.MAP;1
 Estimated map length: 106. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	180	00:00:01.34	00:00:02.55
Pass 1:	224	00:00:02.19	00:00:07.46
Allocation/Relocation:	38	00:00:00.22	00:00:00.38
Pass 2:	109	00:00:01.95	00:00:06.95
Map data after object module synopsis:	21	00:00:01.80	00:00:01.75
Symbol table output:	4	00:00:00.07	00:00:00.21
Total run values:	576	00:00:07.57	00:00:19.30

Using a working set limited to 1500 pages and 102 pages of data storage (excluding image)

Total number object records read (both passes): 818
of which 394 were in libraries and 2 were DEBUG data records containing 48 bytes

Number of modules extracted explicitly = 23
with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 5 global symbol table records was written

LINK/USERLIB=PROC/NOSYSLIB/SHARE=EXES:LIBRTL2/MAP=MAPS:LIBRTL2/FULL/CROSS COMS:LIBRTLNK2/OPTIONS

LIBRTLNK2.OPT - Linker options file for building LIBRTL2.EXE

- 1-001 - Original. LEB 2-Jun-1983
- 1-002 - Add in refernce to FOR\$CVTRT, MTH\$CVTDG, MTH\$\$SIGNAL, FOR\$MSGDEF, MTH\$ERRDEF and MTH\$MSGDEF. LEB 27-Jun-1983
- 1-003 - change ref to RTL.OLB to be LIBRTL.OLB. MDL 26-Jul-1983
- 1-004 - refer to other facilities' OLB's as appropriate. MDL 1-Aug-1983
- 1-005 - link against IMAGELIB in SYSSLIBRARY. DL 4-Aug-1983
- 1-006 - other facilities' OLB's are in RESOBJ\$ now. MDL 11-Aug-1983

```

!+
Specify image name and ident. Note that this is not the same as
the global section ident given with GSMATCH. IDENT should change
each time LIBRTL changes in a released version, such as a maintenance
update. GSMATCH should change only when the vector is modified in an
incompatible (backwards) fashion.
-

```

```

NAME=LIBRTL2
IDENT='V04-000'

```

```

!+
Specify the order of the PSECTs. The vector comes first.
-

```

```

COLLECT=CLUSTER1,$LIB$VECTR2, LIB$CODE, OTS$CODE, MTH$CODE, _FOR$CODE
COLLECT=CLUSTER2, _LIB$DATA, _OTS$DATA, MTH$DATA, _FOR$DATA

```

```

!+
Specify modules to be included. The first must be LIBVECTOR.
-

```

```

OBJ$:LIBVECTR2,-

```

```

!+
modules from LIBRTL.OLB
-

```

```

LIB$:LIBRTL/INCLUDE=(-
  LIB$CVTDXD, -
  LIB$DECODE FAULT, -
  LIB$SIM TRAP, -
  LIB$CVTMAC, -
  LIB$FIND CVT PATH, -
  LIB$AB_CVTPT_0, -
  LIB$AB_CVTPT_U, -
  LIB$AB_CVTPT_Z, -
  LIB$AB_CVTTP_0, -
  LIB$AB_CVTTP_U, -
  LIB$AB_CVTTP_Z, -
  LIB$AB_CVT_0_U, -
  LIB$AB_CVT_U_0, -
  LIB$MSGDEF, -
  OTS$MSGDEF), -

```

```

!+
modules from MTHRTL.OLB
-

```

```

RESOBJ$:MTHRTL/INCLUDE=(-
  MTH$CVTDG, -
  MTH$SIGNAL, -
  MTH$MSGDEF, -
  MTH$ERRDEF), -

```

```

!+

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