

BBBBBBBBBBBB		00000000		00000000		TTTTTTTTTTTT		SSSSSSSSSS
BBBBBBBBBBBB		00000000		00000000		TTTTTTTTTTTT		SSSSSSSSSS
BBBBBBBBBBBB		00000000		00000000		TTTTTTTTTTTT		SSSSSSSSSS
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		00000000		00000000		TTTTTTTTTTTT		SSSSSSSSSS
BBBBBBBBBBBB		00000000		00000000		TTTTTTTTTTTT		SSSSSSSSSS
BBBBBBBBBBBB		00000000		00000000		TTTTTTTTTTTT		SSSSSSSSSS

```

BBBBBBBB 000000 000000 CCCCCCCC VV VV TTTTTTTTTT AAAAAA TTTTTTTTTT BBBBBBBB
BBBBBBBB 000000 000000 CCCCCCCC VV VV TTTTTTTTTT AAAAAA TTTTTTTTTT BBBBBBBB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BBBBBBBB 00 00 00 00 00 CC VV VV TT AA AA TT BBBBBBBB
BBBBBBBB 00 00 00 00 00 CC VV VV TT AA AA TT BBBBBBBB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BB BB 00 00 00 00 00 CC VV VV TT AA AA TT BB BB
BBBBBBBB 000000 000000 CCCCCCCC VV VV TTTTTTTTTT AAAAAA TTTTTTTTTT BBBBBBBB
BBBBBBBB 000000 000000 CCCCCCCC VV VV TTTTTTTTTT AAAAAA TTTTTTTTTT BBBBBBBB

```

```

LL          IIIIIII SSSSSSSS
LL          IIIIIII SSSSSSSS
LL          II     SS
LL          II     SS
LL          II     SS
LL          II     SS
LL          IIIIIII SSSSSS
LL          IIIIIII SSSSSS
LL          II     SS
LL          II     SS
LL          II     SS
LL          IIIIIII SSSSSSSS
LLLLLLLLLL IIIIIII SSSSSSSS
LLLLLLLLLL IIIIIII SSSSSSSS

```


(2)

58

LIB\$CVT_xTB Entry Points

```

0000 1 .TITLE BOO$CVT_ATB - Jacket Entry Points for LIB$CVT_xTB
0000 2 .IDENT /V04-000/
0000 3
0000 4
0000 5 *****
0000 6 *
0000 7 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
0000 8 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
0000 9 * ALL RIGHTS RESERVED. *
0000 10 *
0000 11 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
0000 12 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
0000 13 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
0000 14 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
0000 15 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
0000 16 * TRANSFERRED. *
0000 17 *
0000 18 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
0000 19 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
0000 20 * CORPORATION. *
0000 21 *
0000 22 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
0000 23 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0000 24 *
0000 25 *
0000 26 *****
0000 27
0000 28
0000 29 :++
0000 30 : Facility:
0000 31
0000 32 : VAX/VMS Bootstrap Programs
0000 33
0000 34 : Abstract:
0000 35
0000 36 : These two entry points serve as jackets for the procedures called
0000 37 : LIB$CVT_xTB. They are needed so that the bootstrap programs that use
0000 38 : both TPARSE (which references LIB$CVT_xTB) and CVTFILNAM (which
0000 39 : references FIL$CVT_xTB) contain a single copy of the procedure.
0000 40
0000 41 : The three procedures LIB$CVT_xTB simply duplicate the entry masks of
0000 42 : the corresponding FIL$CVT_xTB procedures and join those procedures at
0000 43 : their first instruction.
0000 44
0000 45 : Author:
0000 46
0000 47 : Lawrence J. Kenah
0000 48
0000 49 : Creation Date
0000 50
0000 51 : 6 December 1983
0000 52
0000 53 : Modified by:
0000 54
0000 55 : V01-001 Original Lawrence J. Kenah 6-Dec-1983
0000 56 :--

```



```
0000 58 .SUBTITLE LIB$CVT_xTB Entry Points
0000 59 :+
0000 60 : Functional Description:
0000 61 :
0000 62 : Each of the three entry points duplicates the associated entry mask
0000 63 : and joins the associated procedure right after that entry mask.
0000 64 :
0000 65 : In effect, calls made to the three LIB$CVT_xTB procedures by the
0000 66 : TPARSE routines are redirected to the FIL$CVT_xTB procedures which are
0000 67 : already present because they are explicitly referenced by CVTFILNAM.
0000 68 :
0000 69 : Parameters:
0000 70 :
0000 71 : See the routine header for [LIBRTL.SRC]LIB$CVTATB.MAR.
0000 72 :-
0000 73
00000000 74 .PSECT YCVTATB
0000 75
0000 76 : Entry point for OCTAL conversion
0000 77
0000 78 LIB$CVT_OTB::
FFF3' 0000' 0000 79 .MASK FIL$CVT_OTB
FFF3' 31 0002 80 BRW FIL$CVT_OTB + 2
0005 81
0005 82 : Entry point for DECIMAL conversion
0005 83
0005 84 LIB$CVT_DTB::
FFF8' 0000' 0005 85 .MASK FIL$CVT_DTB
FFF8' 31 0007 86 BRW FIL$CVT_DTB + 2
000A 87
000A 88 : Entry point for HEXADECIMAL conversion
000A 89
000A 90 LIB$CVT_HTB::
FFF3' 0000' 000A 91 .MASK FIL$CVT_HTB
FFF3' 31 000C 92 BRW FIL$CVT_HTB + 2
000F 93
000F 94 .END
```

```

FIL$CVT_DTB ***** X 01
FIL$CVT_HTB ***** X 01
FIL$CVT_OTB ***** X 01
LIB$CVT_DTB 00000005 RG 01
LIB$CVT_HTB 0000000A RG 01
LIB$CVT_OTB 00000000 RG 01
    
```

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE	
. ABS .	00000000 (0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
YCVTATB	0000000F (15.)	01 (1.)	NOPIC	USR	CON	REL	LCL	NOSHR	EXE	RD	WRT	NOVEC	BYTE

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	34	00:00:00.12	00:00:00.84
Command processing	137	00:00:00.68	00:00:05.63
Pass 1	67	00:00:00.33	00:00:01.42
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	33	00:00:00.23	00:00:00.54
Symbol table output	2	00:00:00.02	00:00:00.02
Psect synopsis output	2	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	277	00:00:01.39	00:00:08.50

The working set limit was 900 pages.
 904 bytes (2 pages) of virtual memory were used to buffer the intermediate code.
 There were 10 pages of symbol table space allocated to hold 6 non-local and 0 local symbols.
 94 source lines were read in Pass 1, producing 11 object records in Pass 2.
 0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[BOOTS.OBJ]BOOTS.MLB;1	0
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0
TOTALS (all libraries)	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:BOO\$CVTATB/OBJ=OBJ\$:BOO\$CVTATB MSRC\$:BOO\$CVTATB/UPDATE=(ENH\$:BOO\$CVTATB)+EXECML\$/LIB+LIB\$:BOOTS.MLB/LIB

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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