

[14_04]九州大学大型計算機センター広報表紙奥付等

<https://hdl.handle.net/2324/1474962>

出版情報：九州大学大型計算機センター広報. 14 (4), 1981-12-10. 九州大学大型計算機センター
バージョン：
権利関係：



コンプリート形式プログラムの使用頻度調査

PROGRAM	NUMBER	PART	PERCENTAGE	**** APRIL, 1981 - SEPTEMBER, 1981 ****		
				ALL	REGION SIZE (KB)	CPU TIME (MS)
*** 1. COMPILERS, INTERPRETERS, PREPROCESSORS AND ANALYSERS ***						
ALGOL	271	0.350	0.138	289.033	241.845	83.026
ASSEMBLER	170	0.219	0.086	1176.941	1951.000	88.824
BASIC	7	0.009	0.004	150.286	34352.857	0.000
COBOL	78	0.101	0.040	180.000	1648.077	85.897
COBOLDAP	4	0.005	0.002	66.000	162.500	100.000
FAST	0	0.000	0.000	-	-	-
FORDAP	203	0.262	0.103	92.985	831.084	97.537
FORPREX	21	0.027	0.011	140.190	1096.667	100.000
FORT-77	7500	9.680	3.834	1263.764	37010.240	52.160
FORTFLOW	66	0.085	0.034	121.030	8023.030	87.879
FORTTRAN GE	38466	49.644	19.562	711.710	13593.450	70.109
FORTTRAN HE	28724	37.071	14.608	1178.610	2490.672	63.940
FORTUNE	24	0.031	0.012	175.500	3727.917	91.667
HLISP & REDUCE 2	0	0.000	0.000	-	-	-
LISP	33	0.043	0.017	1451.636	2893.636	75.758
PASCAL & PASDAP	285	0.368	0.145	698.582	2089.649	79.649
PL/I	1540	1.988	0.783	874.447	1684.227	52.857
RATFOR	0	0.000	0.000	-	-	-
RATFORC	0	0.000	0.000	-	-	-
SL/100	0	0.000	0.000	-	-	-
SNOBOL 4	15	0.019	0.008	310.133	346.000	73.333
SSOPTRAM	76	0.098	0.039	960.000	5653.553	76.316
TOTAL	77483	100.000	39.404	938.378	11322.506	65.985
*** 2. APPLICATIONS ***						
ADSL/X (ADSLX)	61	5.360	0.031	308.721	79584.918	72.131
ADSL/X (ADSLXG)	0	0.000	0.000	-	-	-
APT4	0	0.000	0.000	-	-	-
ASTRA (AGD)	0	0.000	0.000	-	-	-
ASTRA (CPRE)	0	0.000	0.000	-	-	-
ASTRA (SPRE)	0	0.000	0.000	-	-	-
ASTRA (SUPP)	0	0.000	0.000	-	-	-
BMD (1D)	0	0.000	0.000	-	-	-
BMD (1M)	0	0.000	0.000	-	-	-
BMD (1R)	0	0.000	0.000	-	-	-
BMD (1S)	0	0.000	0.000	-	-	-
BMD (1V)	0	0.000	0.000	-	-	-
BMD (10D)	0	0.000	0.000	-	-	-
BMD (10M)	0	0.000	0.000	-	-	-
BMD (10S)	0	0.000	0.000	-	-	-
BMD (10V)	0	0.000	0.000	-	-	-
BMD (11D)	0	0.000	0.000	-	-	-
BMD (11S)	0	0.000	0.000	-	-	-
BMD (11V)	0	0.000	0.000	-	-	-
BMD (12S)	0	0.000	0.000	-	-	-
BMD (12V)	0	0.000	0.000	-	-	-
BMD (13D)	0	0.000	0.000	-	-	-
BMD (13S)	0	0.000	0.000	-	-	-
BMD (14S)	0	0.000	0.000	-	-	-
BMD (2D)	0	0.000	0.000	-	-	-
BMD (2M)	0	0.000	0.000	-	-	-
BMD (2R)	0	0.000	0.000	-	-	-
BMD (2S)	0	0.000	0.000	-	-	-
BMD (2T)	0	0.000	0.000	-	-	-
BMD (2V)	0	0.000	0.000	-	-	-
BMD (3D)	0	0.000	0.000	-	-	-
BMD (3R)	3	0.264	0.002	124.000	70.000	0.000
BMD (3S)	0	0.000	0.000	-	-	-
BMD (3T)	0	0.000	0.000	-	-	-
BMD (3V)	0	0.000	0.000	-	-	-
BMD (4D)	0	0.000	0.000	-	-	-
BMD (4M)	0	0.000	0.000	-	-	-
BMD (4R)	0	0.000	0.000	-	-	-
BMD (4V)	0	0.000	0.000	-	-	-
BMD (5D)	0	0.000	0.000	-	-	-
BMD (5M)	0	0.000	0.000	-	-	-
BMD (5R)	0	0.000	0.000	-	-	-
BMD (5T)	0	0.000	0.000	-	-	-
BMD (5V)	0	0.000	0.000	-	-	-
BMD (6D)	0	0.000	0.000	-	-	-
BMD (6R)	0	0.000	0.000	-	-	-
BMD (6V)	0	0.000	0.000	-	-	-
BMD (7D)	0	0.000	0.000	-	-	-
BMD (7M)	0	0.000	0.000	-	-	-
BMD (7R)	0	0.000	0.000	-	-	-
BMD (7V)	0	0.000	0.000	-	-	-
BMD (8D)	0	0.000	0.000	-	-	-
BMD (8M)	0	0.000	0.000	-	-	-
BMD (8V)	0	0.000	0.000	-	-	-
BMD (9D)	0	0.000	0.000	-	-	-
BMD (9M)	0	0.000	0.000	-	-	-
BMD (9S)	0	0.000	0.000	-	-	-
BMD (9V)	0	0.000	0.000	-	-	-
BMDP (PAM)	0	0.000	0.000	-	-	-
BMDP (P1D)	0	0.000	0.000	-	-	-
BMDP (P1F)	0	0.000	0.000	-	-	-
BMDP (P1M)	0	0.000	0.000	-	-	-
BMDP (P1R)	42	3.691	0.021	154.571	583.095	100.000
BMDP (P1S)	0	0.000	0.000	-	-	-
BMDP (P1V)	19	1.670	0.010	148.000	451.053	100.000
BMDP (P2D)	5	0.439	0.003	151.200	256.000	100.000

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PROGRAM		NUMBER	PERCENTAGE		REGION SIZE(KB)	**** APRIL,1981 - SEPTEMBER,1981 ****	CPU TIME(MS)	COMPLETION RATIO
			PART	ALL				
BMDP	(P2F)	0	0.000	0.000	-	-	-	-
BMDP	(P2M)	163	14.323	0.083	151.853	807.791	96.319	-
BMDP	(P2R)	140	12.302	0.071	151.600	946.214	97.857	-
BMDP	(P2V)	0	0.000	0.000	-	-	-	-
BMDP	(P3D)	0	0.000	0.000	-	-	-	-
BMDP	(P3F)	83	7.293	0.042	158.361	1200.361	98.795	-
BMDP	(P3M)	0	0.000	0.000	-	-	-	-
BMDP	(P3R)	0	0.000	0.000	-	-	-	-
BMDP	(P3S)	0	0.000	0.000	-	-	-	-
BMDP	(P4D)	0	0.000	0.000	-	-	-	-
BMDP	(P4M)	0	0.000	0.000	-	-	-	-
BMDP	(P4R)	0	0.000	0.000	-	-	-	-
BMDP	(P5D)	0	0.000	0.000	-	-	-	-
BMDP	(P5R)	0	0.000	0.000	-	-	-	-
BMDP	(P6D)	0	0.000	0.000	-	-	-	-
BMDP	(P6M)	0	0.000	0.000	-	-	-	-
BMDP	(P6R)	0	0.000	0.000	-	-	-	-
BMDP	(P7D)	9	0.791	0.005	144.444	1065.556	88.889	-
BMDP	(P7M)	0	0.000	0.000	-	-	-	-
BMDP	(P8D)	0	0.000	0.000	-	-	-	-
BMDP	(P9D)	0	0.000	0.000	-	-	-	-
BMDP	(P9R)	0	0.000	0.000	-	-	-	-
CLUSTER		0	0.000	0.000	-	-	-	-
DYNAMO		53	4.657	0.027	1391.396	8540.377	98.113	-
FEM2		3	0.264	0.002	256.000	1480.000	100.000	-
FNAP		0	0.000	0.000	-	-	-	-
GPSS/X		0	0.000	0.000	-	-	-	-
IRA		0	0.000	0.000	-	-	-	-
KEMPF/X	(CENSUS)	0	0.000	0.000	-	-	-	-
KEMPF/X	(DGN)	0	0.000	0.000	-	-	-	-
KEMPF/X	(EPA)	0	0.000	0.000	-	-	-	-
KEMPF/X	(LISE)	0	0.000	0.000	-	-	-	-
KEMPF/X	(LSM)	71	6.239	0.036	182.873	2042.113	61.972	-
KEMPF/X	(MAINT)	0	0.000	0.000	-	-	-	-
KEMPF/X	(REDUCE)	0	0.000	0.000	-	-	-	-
KEMPF/X	(SIM)	0	0.000	0.000	-	-	-	-
KEMPF/X	(TSL5)	0	0.000	0.000	-	-	-	-
KEMPF/X	(UTY1)	0	0.000	0.000	-	-	-	-
KEMPF/X	(UTY2)	0	0.000	0.000	-	-	-	-
KEMPF/X	(UTY3)	0	0.000	0.000	-	-	-	-
KEMPF/X	(UTY4)	0	0.000	0.000	-	-	-	-
KEMPF/X	(UTY5)	0	0.000	0.000	-	-	-	-
KEMPF/X	(UTY6)	2	0.176	0.001	56.000	90.000	0.000	-
KEMPF/X	(UTY7)	0	0.000	0.000	-	-	-	-
MPS/X	(COMP)	105	9.227	0.053	124.000	152.190	94.286	-
MPS/X	(MPSX)	99	8.699	0.050	256.000	530.303	98.990	-
MULVA/X	(CANO)	0	0.000	0.000	-	-	-	-
MULVA/X	(DGN)	2	0.176	0.001	204.000	120.000	0.000	-
MULVA/X	(DISC)	0	0.000	0.000	-	-	-	-
MULVA/X	(FACTOR)	80	7.030	0.041	201.700	969.000	87.500	-
MULVA/X	(MAINT)	0	0.000	0.000	-	-	-	-
MULVA/X	(RA7)	0	0.000	0.000	-	-	-	-
MULVA/X	(ROTA1)	0	0.000	0.000	-	-	-	-
MULVA/X	(ROTA2)	0	0.000	0.000	-	-	-	-
MULVA/X	(SCORE)	0	0.000	0.000	-	-	-	-
MULVA/X	(SPAT)	0	0.000	0.000	-	-	-	-
MULVA/X	(TEST)	0	0.000	0.000	-	-	-	-
MULVA/X	(UTY1)	0	0.000	0.000	-	-	-	-
PERT/MANPOWER		0	0.000	0.000	-	-	-	-
QUANTAS1		0	0.000	0.000	-	-	-	-
QUANTAS2		98	8.612	0.050	287.429	3928.878	100.000	-
QUANTAS3		17	1.494	0.009	278.118	2293.529	70.588	-
QUANTAS4		0	0.000	0.000	-	-	-	-
SAS2		82	7.206	0.042	817.951	4577.683	92.683	-
SOLF		0	0.000	0.000	-	-	-	-
TAFT	(FPE)	0	0.000	0.000	-	-	-	-
TAFT	(MAINT)	1	0.088	0.001	140.000	2420.000	100.000	-
TAFT	(OPTCON)	0	0.000	0.000	-	-	-	-
TAFT	(OSPA)	0	0.000	0.000	-	-	-	-
TAFT	(PRETSA)	0	0.000	0.000	-	-	-	-
TIMES	(CENSUS)	0	0.000	0.000	-	-	-	-
TIMES	(DGN)	0	0.000	0.000	-	-	-	-
TIMES	(EPA)	0	0.000	0.000	-	-	-	-
TIMES	(LINE)	0	0.000	0.000	-	-	-	-
TIMES	(LSM)	0	0.000	0.000	-	-	-	-
TIMES	(MAES)	0	0.000	0.000	-	-	-	-
TIMES	(MAINT)	0	0.000	0.000	-	-	-	-
TIMES	(UTY1)	0	0.000	0.000	-	-	-	-
TIMES	(UTY2)	0	0.000	0.000	-	-	-	-
TIMES	(UTY3)	0	0.000	0.000	-	-	-	-
TIMES	(UTY4)	0	0.000	0.000	-	-	-	-
TIMES	(UTY5)	0	0.000	0.000	-	-	-	-
TIMES	(UTY6)	0	0.000	0.000	-	-	-	-
TIMES	(UTY7)	0	0.000	0.000	-	-	-	-
TLP		0	0.000	0.000	-	-	-	-
TOTAL		1138	100.000	0.579	292.011	5986.722	92.004	-
*** 3 . PROGRAM LIBRARY COLLECTED BY COMPUTER CENTER, KYUSHU UNIV. ***								
G1 CNTGTB		0	0.000	0.000	-	-	-	-
G2 DRALGT		0	0.000	0.000	-	-	-	-
G6 FACEST		0	0.000	0.000	-	-	-	-
G6 FACROT		0	0.000	0.000	-	-	-	-
G6 MMRA		0	0.000	0.000	-	-	-	-
G6 PCAJCB		0	0.000	0.000	-	-	-	-
G6 PCAGR		0	0.000	0.000	-	-	-	-
G9 E1Y00		0	0.000	0.000	-	-	-	-
G9 KUSPSS		1719	23.180	0.874	242.306	2905.177	94.183	-
G9 SAS		1322	17.826	0.672	691.074	5970.015	63.540	-

PROGRAM	NUMBER	PERCENTAGE		REGION SIZE(KB)	**** APRIL,1981 - SEPTEMBER,1981 ****	
		PART	ALL		CPU TIME(MS)	COMPLETION RATIO
G9 SPSS	2998	40.426	1.525	299.568	5353.442	69.680
H1 MINIMX	0	0.000	0.000	-	-	-
H3 SUCPM	0	0.000	0.000	-	-	-
J0 POLIST	127	1.713	0.065	465.638	217.165	97.638
J0 STINGY	120	1.628	0.061	23.133	179.750	96.667
L2 AUDIE	0	0.000	0.000	-	-	-
L2 FORPRX	0	0.000	0.000	-	-	-
M2 CNVSM (META1)	0	0.000	0.000	-	-	-
M2 CNVSM (META2)	0	0.000	0.000	-	-	-
M2 CNVSM (META3)	0	0.000	0.000	-	-	-
M2 CNVSM2 (PSPGO)	0	0.000	0.000	-	-	-
Q9 FCMP	2	0.027	0.001	1088.000	1625.000	100.000
Y0 BOB73	74	0.998	0.038	516.649	1713.784	85.135
Y0 MNT78	0	0.000	0.000	-	-	-
Y1 UNICS (ACAC)	0	0.000	0.000	-	-	-
Y1 UNICS (AFIU)	0	0.000	0.000	-	-	-
Y1 UNICS (APLM)	0	0.000	0.000	-	-	-
Y1 UNICS (INCR)	0	0.000	0.000	-	-	-
Y1 UNICS (MULTAN)	0	0.000	0.000	-	-	-
Y1 UNICS (OSFD)	0	0.000	0.000	-	-	-
Y1 UNICS (RMV4)	0	0.000	0.000	-	-	-
Y1 UNICS (RDR3)	0	0.000	0.000	-	-	-
Y1 UNICS (RSSA)	0	0.000	0.000	-	-	-
Y1 UNICS (SGMA)	0	0.000	0.000	-	-	-
Y1 UNICS (TRCL)	0	0.000	0.000	-	-	-
Y1 UNICS (XEMAPX)	0	0.000	0.000	-	-	-
Y1 UNICS2 (AS)	7	0.094	0.004	288.000	2554.284	100.000
Y1 UNICS2 (BDLS)	231	3.115	0.117	296.364	17359.351	90.909
Y1 UNICS2 (BP)	23	0.310	0.012	230.957	303.913	78.261
Y1 UNICS2 (DA)	41	0.553	0.021	251.512	1663.902	87.805
Y1 UNICS2 (DLS)	0	0.000	0.000	-	-	-
Y1 UNICS2 (DP3)	0	0.000	0.000	-	-	-
Y1 UNICS2 (DP5)	0	0.000	0.000	-	-	-
Y1 UNICS2 (FFLP)	0	0.000	0.000	-	-	-
Y1 UNICS2 (FILEIN)	92	1.241	0.047	219.652	392.826	92.391
Y1 UNICS2 (FILOUT)	36	0.485	0.018	256.778	747.222	97.222
Y1 UNICS2 (FLEDIT)	0	0.000	0.000	-	-	-
Y1 UNICS2 (FLS)	0	0.000	0.000	-	-	-
Y1 UNICS2 (FLS2)	0	0.000	0.000	-	-	-
Y1 UNICS2 (FLUPDT)	133	1.793	0.068	265.504	706.466	93.233
Y1 UNICS2 (FPS)	118	1.591	0.060	384.102	2382.966	98.305
Y1 UNICS2 (HYCO)	8	0.108	0.004	229.500	185.000	100.000
Y1 UNICS2 (LC)	8	0.108	0.004	125.000	75.000	100.000
Y1 UNICS2 (LSAM0)	0	0.000	0.000	-	-	-
Y1 UNICS2 (LSAM1)	0	0.000	0.000	-	-	-
Y1 UNICS2 (LSAM2)	0	0.000	0.000	-	-	-
Y1 UNICS2 (MASTER)	1	0.013	0.001	352.000	80.000	0.000
Y1 UNICS2 (MV)	0	0.000	0.000	-	-	-
Y1 UNICS2 (ORTEP)	136	1.834	0.069	436.529	3461.544	93.382
Y1 UNICS2 (PAMI)	0	0.000	0.000	-	-	-
Y1 UNICS2 (SC)	1	0.013	0.001	276.000	1100190.000	100.000
Y1 UNICS2 (SFR)	148	1.996	0.075	296.216	10529.595	85.135
Y1 UNICS2 (SYNDR)	10	0.135	0.005	167.600	898.000	60.000
Y1 UNICS2 (TRSF)	44	0.593	0.022	139.636	1212.045	90.909
Y1 UNICS2 (WS)	0	0.000	0.000	-	-	-
Y1 UNICS3 (BP80)	0	0.000	0.000	-	-	-
Y1 UNICS3 (DEPOST)	0	0.000	0.000	-	-	-
Y1 UNICS3 (HYCO80)	0	0.000	0.000	-	-	-
Y1 UNICS3 (MAPR)	0	0.000	0.000	-	-	-
Y1 UNICS3 (MV80)	0	0.000	0.000	-	-	-
Y1 UNICS3 (PLOTDW)	0	0.000	0.000	-	-	-
Y1 UNICS3 (PLOTDT)	0	0.000	0.000	-	-	-
Y1 UNICS3 (PLOTG)	0	0.000	0.000	-	-	-
Y1 UNICS3 (PLOT8R)	0	0.000	0.000	-	-	-
Y3 AA01	0	0.000	0.000	-	-	-
Y3 AA02	0	0.000	0.000	-	-	-
Y3 AA03	0	0.000	0.000	-	-	-
Y3 BA02	0	0.000	0.000	-	-	-
Y3 DA03	0	0.000	0.000	-	-	-
Y4 AD05	17	0.229	0.009	148.471	223.529	100.000
Y4 GAUS70	0	0.000	0.000	-	-	-
Y4 HMSCF	0	0.000	0.000	-	-	-
TOTAL	7416	100.000	3.771	356.493	4969.539	78.439
*** 4 . DATA SET UTILITY ***						
JSDCMPR	16	0.140	0.008	46.750	68.750	18.750
JSDDG	0	0.000	0.000	-	-	-
JSDGENER	6109	53.644	3.107	50.023	444.929	90.620
JSDPTPCH	1068	9.378	0.543	30.921	140.693	75.749
JSECOPY	1244	10.924	0.633	508.842	273.449	88.585
JSEEDIT	0	0.000	0.000	-	-	-
JSEUPDTE	2951	25.913	1.501	35.942	113.880	90.173
TOTAL	11388	100.000	5.791	94.699	311.351	88.786
*** 5 . SYSTEM UTILITY ***						
MTCOPY	71	100.000	0.036	78.873	1981.690	71.831
TOTAL	71	100.000	0.036	78.873	1981.690	71.831
*** 6 . CENTER DEVELOPMENT UTILITY ***						
CDCOPY & LIBCOPY	489	9.955	0.249	624.327	229.939	90.798
CHANGE PASSWORD	0	0.000	0.000	-	-	-
DELETE	1234	25.122	0.628	4.000	10.162	100.000
DSLIST	61	1.242	0.031	5.836	15.246	3.279
FLOPPY	686	13.966	0.349	38.041	250.437	76.822

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PROGRAM	NUMBER	PERCENTAGE		REGION SIZE(KB)	**** APRIL,1981 - SEPTEMBER,1981 ****	
		PART	ALL		CPU TIME(MS)	COMPLETION RATIO
HCBS	1547	31.494	0.787	128.548	1124.602	78.474
MTINIT	355	7.227	0.181	8.158	50.676	89.296
MTLIST	456	9.283	0.232	51.474	1162.061	89.693
PRINTD	84	1.710	0.043	12.048	132.619	94.048
TOTAL	4912	100.000	2.498	114.603	528.603	86.034
*** 7 . LINKAGE EDITOR AND LOADER ***						
LINKEDIT	31475	63.347	16.007	128.700	623.907	96.149
LOADER	18212	36.653	9.262	769.382	58584.052	77.317
TOTAL	49687	100.000	25.269	363.532	21868.300	89.247
*** 8 . SORT MERGE ***						
SORT	57	100.000	0.029	330.386	377.895	85.965
TOTAL	57	100.000	0.029	330.386	377.895	85.965
*** 9 . JAPANESE PROCESSING EXTENDED FEATURE ***						
KING/G (PSPCNV)	5715	81.075	2.906	321.389	3544.453	86.439
KING/G (PSPCNV2)	244	3.461	0.124	324.754	4788.852	84.836
KING/R (FMEDT)	38	0.539	0.019	132.316	445.789	36.842
KING/R (NLPEDT)	38	0.539	0.019	83.158	78.421	26.316
KING/T (TEXTFMT)	1014	14.385	0.516	163.874	527.495	97.337
KING/T (ZHNEDT)	0	0.000	0.000	-	-	-
TOTAL	7049	100.000	3.585	296.544	3118.149	87.360
*** 10 . OTHERS ***						
MAIN	29355	78.416	14.929	610.341	81304.441	75.336
MISCELLANEOUS	8080	21.584	4.109	581.039	50791.355	83.453
TOTAL	37435	100.000	19.038	604.017	74718.473	77.088
**** TOTAL ****	196636		100.000	610.848	24577.947	77.192