

TO: MSPM Distribution
FROM: M. A. Padlipsky
SUBJECT: BB.5.06
DATE: 11/21/68

The attached revision of section BB.5.06 serves primarily to bring the author/maintainers' initials list up to date. Minor changes have been made elsewhere in the document.

Please note that this revision also supersedes BB.5.06B, 05/17/68.

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Identification

Segment Registry
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Purpose

The Segment Registry has many uses: it helps to avoid naming conflicts; it serves as an inventory of the Multics system; and, in general, furnishes a great deal of information to those managing the project - as well as to the programmers responsible for the registered segments. (In the initial phases of checkout, no two segments known to the same process may have the same name. Later phases of checkout will introduce machinery which will relax this restriction; however, even then it will be desirable that duplication of names be avoided, in order to avoid confusion.)

Note

The statement in BA.3.00 that "every system programmer is responsible for the accuracy and up-to-dateness of the entire manual" is particularly relevant here. The data are known to be in need of cleansing; any inaccuracies in the registry spotted by any system programmer should be reported to M. A. Padlipsky.

Format

The Registry, which appears as an appendix to this document as it will be re-issued periodically, furnishes the following information (with heading abbreviations as indicated): segment name, author/maintainer's initials (AUT), segment type (T), area of use (AREA), ring number (RN), MSPM section (MSPM), MSPM status (MS), development status (DS), estimated or actual number of source code pages - without include files (NP), source language (LANG), phase needed for (PH), Multics Segment Library status (LIB), length of the text segment in octal (TEXT), length of the linkage segment in octal (LINK), total number of source code pages (TP), and number of source code pages without declarations (SP).

Entries of the form "name//othername" indicate that "name" is a multiple name of "othername"; the full entry is found at "othername".

Abbreviations under the headings are as follows:

AUT: See below.

I: D = data, P = procedure

AREA: 636 = 6.36, ADM = administrative, BKP = backup and multilevel system, COM = command system, LAN = languages (including EPL run-time routines), FS = File System, GEN = general supervisor, IO = I/O system, LIB = library, ACC = access control, OTH = other, IPC = interprocess communication, SMM = Segment Management Module, TC = Traffic Controller, USC = User/System Control, INI = initialization.

RN: H = hardcore, A = administrative, U = user, L = all, N = not hardcore, O = other (usually rings 0 and 1 only).

MS: CUR = current, REV = needs revision, DRF = draft, ABS = abstract, NO = none.

DS: UNC = uncoded, PRG = coding in progress, COD = coded, UCH = unit checked, INT = integrated, CON = consolidated.

LANG: EPL = EPL, BSA = EPLBSA, FIV = FORTRAN IV, FLI = FL/I, GMP = GMAP, OTH = other (usually data), B = BCPL.

PH: 1 = Phase 1, I = Initial Multics, M = Prototype Multics, P = Post-Prototype.

LIB: Y = yes, the segment is in the Multics Segment Library; N = no, the segment is not in the Multics Segment Library.

The list is ordered by area of use (areas in the same order as the above explanation of abbreviations), and approximately alphabetically within each area.

Author's initials expand as shown in Table 1.

Table 1

AUTHORS

NA	Nate Adleman	DAL	David Levinson
DB, DLB	Diana Boyd	NHL	Norm Liebling
EQB	E. Q. Bjorkman	CM	Carla (Marceau) Vogt
PAB	Peter Belmont	CRM	Chris Mercer
CAC	Carole Cushing	EWM	Ed Meyer
DDC	Dave Clark	JDM	Jim Mills
GDC	Gabriel Chang	KJM	Karolyn Martin
GFC	Gerry Clancy	MDM	Doug McIlroy
JHC	Jan Cecil	NIM	Noel Morris
HD	Harvey Deitel	CO	Coert Olmsted
SDD	Stan Duntun	JFO	Joe Ossana
AE	Art Evans	SO	Solomon Ohayon
HF	Harlow Frick	BR, LBR	Braxton Ratcliff
RAF	Bob Freiburghouse	JR	James Ridgeway
RJF	Richard Feiertag	RKR	Bob Rathbun
CCG, CG	Charles Garman	RLR, RR	Bob Rappaport
JMG	Jerry Grochow	SLR	Sue Rosenbaum
JWG	John Gintell	DLS	Dave Stone
HJH	Harry Hebert	GSS	Gerry Stoller
ELI	Evan Ivie	JS	Jean Scholz
DEJ	Dave Joel	JWS	Judy Spall
DHJ	Don Johnson	MS	Mike Schroeder
SK	Steve Kidd	MJS	Mike Spier

PS	Pat Smith	DRV	Dave Vinograd
PQS	Peter "Q." Schicker	TVV	Tom Van Vleck
RS,RJS	Bob Sobecki	AWW	Arnold Winikoff
TPS	Tom Skinner	BLW	Barry Wolman
WHS	Bill Southworth	DBW	Don Wagner
WRS,WS	Walter Strickler	DRW	Don Widrig
KLT	Ken Thompson	LDW,LW	Lonnie Whitehead
MCT	Mary Turnquist	MEW	Mayer Wantman
MRT	Mary Thompson	MRW	Molly Wagner
RHT	Bob Thomas	RAW	Ruth Weiss
CMV	Carla Vogt	SW,SHW	Steve Webber