TO: Multics Administrative Distribution

FROM: J. H. Saltzer and L. J. Haron

DATE: March 18, 1971

SUBJECT: MPM Update No. 7 Cover Letter and Contents

This note summarizes the current status of the contents of MPM Update

Number 7 and the cover letter that will accompany that update. The page count

is 130; the material will probably be ready to go to reproduction sometime

between March 25th and March 31st.

Enclosed are two items:

1) A revised list of writeups to be included in Update No. 7.

2) A revised version of the cover letter of Update No. 7.

Please let us know if items you were expecting do not appear here or if

the following information includes items which should not be published at this

time.

Proposed Cover Letter for MPM Update No. 7, March 18, 1971

       With this update, a general housecleaning of the MPM commands and subroutines
has been accomplished. The filing instructions indicate that a
number of MPM sections should be deleted. Although the commands and subroutines
in question are, in most cases, still in the system and will continue to work, users
should avoid their use in the future and expect that obsolete programs will some day
be removed from the system.

       There are two categories of items which are deleted from the MPM in this update.

1) Subroutine calls and commands which are internal interfaces of the Multics
    system and were documented in the MPM by mistake:

    alloc_
    check_star_
    freen_
    hcs_$assign_linkage
    hcs_$crawl_out_data
    hcs_$fs_get_dir_name
    hcs_$gate_meter
    hcs_$get_page_trace
    hcs_$pre_page_info
    hcs_$set_consistsw
    hcs_$set_copysw
    hcs_$set_relatesw
    pre_page_size
    unwinder_

    If you are using one of the above interfaces, you may need to talk with a
    system specialist to find out what to do instead.
2) Subroutine calls and commands which have been superseded by newer procedures
    with different names (and probably slightly different interfaces):

    acm_   (use timer_manager_)
    hcs_$fs_search_get_wdir   (use get_wdir_)
    hcs_$fs_search_set_wdir   (use change_wdir_)
    hcs_$proc_info   (use get_process_id_, get_group_id, get_pdir_,
                                   get_ring_)
    hcs_$set_timer   (use timer_manager_)
    hcs_$usage_values   (use hcs_$get_usage_values)
    make_obj_map_   (use make_object_map_)
    move_   (use PL/I array substitution)
    printhomedir   (use print_default_wdir)
    probe   (use debug, dump_segment, list_reference_names)
    sethomedir   (use change_default_wdir)
    whoami_   (use user_info_)

    More details on how to change to some of the new interfaces are provided in the
    MPM section "Obsolete Procedures" which is included in this update.

    The following commands and subroutines were mistakenly labelled "Standard
Service System". They should be relabelled "development System". In future
editions of the MPM, the labels will be corrected but the presently issued sections
will not be updated at this time. You may wish to relabel your copy appropriately.

```
bsys
endfile
page_trace
print_dartmouth_library
set_dartmouth_library
stu_
```

The writeup for the "basic" command in this update describes three features which may not be installed by publication time. They should be available by mid-April. An appropriate error message will be issued until they are ready. A "help basic" file will be prepared when these features are available:

1) The run-time limit is not yet available.

2) The compile only option is not yet available.

3) The current implementation requires that files be created before use.

Finally, many of the new and revised MPM writeups include references to the MPM Reference Guide Section. The number and names of the sections referred to correspond to a new MPM Table of Contents which will probably first appear with MPM Update No. 8.

MPM writeups which will appear in Update No. 7 are:

Table of Contents

abbrev

archive_sort

basic

bind

change_default_wdir

change_wdir

change_wdir_

com_err_

cu_

cv_float_

date_time_

dprint

dpunch

dump_segment

expand_path_

exec_com

get_wdir_

global

hcs_$fs_get_ref_name

hcs_$get_usage_values

hcs_$status

hold

interpret_condition_

ioa_

ios_

lisp

list_reference_names

logout

make_object_map_

new_proc

parse_file_

pℓld

plot_

print_default_wdir

print_linkage_usage

print_wdir

release

signal_

start

status

terminate

timer_manager_

user_info_

Obsolete Procedures