

# Application Defaults

To access the application defaults maintenance functions, enter Code A on the General Defaults menu. An Application Name window appears:

```

+-----+
|                                     | 2000-04-20
|                                     |
|      --- Application Name ---      |
|                                     |
| Name of the Application to be processed. The |
| name may be a specific name or a Range of names. |
| Range is specified as follows:         |
|                                     |
| 'val'* - Process all applications beginning |
|         with the string 'val'.          |
| 'val'> - Process all applications EQ or GT |
|         the value of 'val'.            |
| 'val'< - Process all Application EQ or LT |
|         the value of 'val'.            |
|                                     |
| Enter Application Name below:         |
|         _____                   |
|                                     |
+-----+

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Menu  Exit                               Canc

```

Enter a range of application names or, to immediately return to the General Defaults menu, press PF3 or enter ".".

If there is an application whose name is in the specified range, a Modify Application Defaults screen appears:

```

17:42:39          ***** PREDICT APPLICATION CONTROL *****          2000-04-20
User SAGU          - Modify Application Defaults -

Application Name      Level   Level Name   Prefix   Gen No   MCG
-----
CLOVER                00001      1_____   CLO      ___14   ___
FURZE                 00001      1_____   ___      ___   ___
HEATHER               00001      1_____   ___      ___   ___
MOSS                  00001      1_____   ___      ___   ___
PREDICT               00001      3.4_____ PRD      ___1   ___
PREDICT_CASE          00001      2.3.1_____ PCA      ___   ___

Press ENTER to continue or '.' to exit: __

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Menu  Exit                               --      +                               Canc

```

If there is no application whose name is in the specified range, the General Defaults menu is re-displayed with a message.

The values of fields Level Name, Prefix, Gen No, and MCG of each listed application can be modified. They can also be modified at application modification in the Reporting and Maintenance subsystem of PAC.

The Level Name fields will take any character string values, whereby lower-case letters are replaced with their upper-case counterparts. The value of an application's Level Name field appears on the screens and displays the attributes of the application; it has no other significance.

The values of Prefix (a string of 1 to 3 characters) and Gen No (an unsigned integer automatically converted to a five digit sequence) are concatenated to replace "@GEN" at migration event addition. The value of Gen No is automatically incremented by one at the addition for the application of an event with sub-segment "@GEN" in its name. The values of Prefix and Gen No can be freely changed. Duplicate event names and event names beginning with digits are rejected at event addition - regardless of whether they have been entered in full by the user or have undergone "@GEN" replacement.

The value of an application's MGC field may affect the compilation of Natural objects at migration to the application's compartment.

The MCG option is a Natural profile parameter which activates the Natural Optimizer Compiler, which must be installed in your environment if you are using this option. Natural Optimizer Compiler is a Software AG product that extends the optimizing capabilities of Natural to complex statements and statement sequences including the following: array range operations; field concatenation; optimal base register assignment. If MCG is active, all programs are compiled to machine code.

The MCG field should be left blank if the Natural Optimizer Compiler is not installed. It must be set to "N" if Natural Optimizer Compiler is installed but is not to be used. Apart from these two values, the MCG will take "Y" and any string of "O", "I", "M" or "W".

Value	Description
blank	No MCG.
N	MCG off.
Y	Activates the MCG. Programs are partly compiled to machine code. Overflow checking, index checking, mix compilation, and I/O optimization are deactivated.
I	Activates the MCG and index checking.
O	Activates the MCG and overflow checking.
M	Activates the MCG and mix compilation. (The machine code is generated compatible with IBM and Siemens.)
W	Activates the MCG and the compilation to machine code of the Natural statements: DISPLAY, WRITE, WRITE TITLE, WRITE TRAILER, READ WORK FILE with SELECT option, WRITE WORK FILE.