

Function Codes and Commands

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Command Modes

The Command line appears at the bottom of each screen in Natural Review. It is used to access a specific function and/or to issue a processing command.

Natural Monitor provides a menu structure to help access specific screens and issue related commands. Experienced users of Natural Review often bypass the menu structure by typing a string of function codes on the Command line, in some cases followed by a command.

Example:

- Using the menu structure, you can access the **Edit Report** screen only by first accessing the **Response Time Subsystem** menu from the **Natural Monitor System** menu.
- Using a function code string, you can access the **Edit Report** screen directly from the **Natural Monitor System** menu:

```
RT ER reportname
```

The tables below list the function codes, PF keys, and commands available within Natural Monitor.

Function Codes

Valid function codes are listed on menu screens. A string of function codes must reflect the sequence of menu screens for the particular system of Review you are accessing. Refer to the *Natural Monitor System Diagram* for the specific sequence of function codes.

To access the Natural Monitor system from **User Profile System** and vice versa, prefix the function code string with the appropriate system code as follows:

- NM for Natural Monitor
- UP for User Profile System

The following table lists function codes for Natural Monitor:

Function	Code	Description
RT	ER	Edit report definitions.
RT	EX	Expanded history list.
RT	LH	List history reports.
RT	LR	List report definitions.
RT	LS	List started reports.
RT	PH	Purge history reports.
RT	PR	Purge report definition.
RT	PS	Purge started report.
RT	PX	Purge start range.
RT	PY	Purge end range.
RT	RF	Refresh started report.
RT	RT	Display Response Time Subsystem menu.
RT	ST	Start report.
RT	VD	View detailed records.
RT	VH	View graph horizontally.
RT	VT	View transaction summary.
RT	VW	View graph vertically.
SA	SA	Display Summary of Active Users report.
TE	EI	Environmental information.
TE	HC	History session control.
UP	EU	Edit user profiles.
UP	LU	List user profiles.
UP	UP	Display User Profile System menu.

Commands

The following table describes commands used within Natural Monitor.

The Use category in the table lists the functions in which the command applies. Subfunctions are separated from the function with a slash (/); multiple subfunctions are separated from each other by a dash (-).

Command	PF Key	Description	Use
+, FWD	PF8	Scroll forward one screen.	In several functions.
-, BACK	PF7	Scroll backward one screen.	In several functions.
- -, TOP		Position to the top.	In several functions.

Command	PF Key	Description	Use
ACALL	PF7	Display the average number of database calls issued for each transaction within a specific response time interval or range.	RT/VH-VW
CALLS	PF5	Display the total number of database calls issued for the total number of transactions within each specific response time interval or range.	RT/VH-VW
CANCEL		Terminate specified session abnormally. A session may be cancelled by TP user ID, terminal name, or session ID (SID). See below: CANCEL U=userid CANCEL sid CANCEL T=terminalname	SA, SA/PICK
COLOR OFF		Return the terminal display to monochrome.	All
COLOR ON		Set the terminal display to color.	All
CURR	PF2	Toggle to current data from historical data.	RT/EX-VD-VH-VW
DETAIL DET	PF5	Provide detailed information about Natural applications and program usage.	RT/VT
DISPLAY DI		Valid versions of this command are: DISPLAY ACT DISPLAY ALL The DISPLAY ACT version of the command causes all users except those with status Inactive or Terminate to be displayed. The DISPLAY ALL version causes a list of all users who have invoked Natural to be displayed, regardless of whether they are currently active.	SA
END	PF12	End the Review session.	All
ER		Access the Edit Report screen for a report on the list.	RT/all
EX		List dates and time of historical snapshots.	RT/all
EXIT	PF3	Return to the previous screen, or return to a main menu.	All
FIN	PF12	End a Review session.	All

Command	PF Key	Description	Use
FORCE		Deactivates Review monitoring for the specified session. It does not affect the Natural session. A session may be forced by TP user ID, terminal name or session ID. Valid versions of this command are: FORCE U=userid FORCE sid FORCE T=terminalname	SA, SA/PICK
HELP	PF1	Access the help system. Valid command syntax: HELP [command]	All
HIGH	PF7	Display The Highest 20 window from the Summary of Active Users display.	SA
HIST	PF2	Access historical data.	RT/VD-VH-VW
HORI	PF10	Display a horizontal graph.	RT/VW-VH
LEFT	PF10	Scroll display left one screen.	RT/VD, SA/PICK/NCT, SA
LFILE		Display and change LFILE settings.	All
LOGO		Display the logo screen.	All
LOW	PF6	Display The Lowest 20 window from the Summary of Active Users display.	SA
MENU	PF12	Return to the Natural Monitor main menu.	All
MSG		Display an extended error message online. Example: MSG REV00001, MSG1	All
NCT	PF9	Display the Natural call table listing programs accessed by user's last or current transaction.	SA/PICK
NEXT		Go to the next time interval of historical data.	RT/LH/VD-VH-VW
NEXT	PF8	Display the next user from a list of users on the Summary of Active User's screen.	SA/PICK
PH		Purge a historical snapshot	RT/LH-LR-LS-EX
PICK	PF9	Select one of the following for display: database, buffer pool display, transaction, user ID.	RT/VD, SA, SA/HIGH-LOW
PR		Purge a report definition	RT/LR-LS
PREV		Go to the previous time interval of historical data.	RT/LH-VD-VH-VW
PS		Purge a started report.	RT/LR-LS
PX		Purge start range.	RT/LH-LR-LS/EX
PY		Purge end range.	RT/LH-LR-LS/EX
QUIT	PF12	End the Review session.	All

Command	PF Key	Description	Use
REFRESH	PF9	Refresh the Natural call table display with updated information.	SA/PICK/NCT
RESET		Reset all transaction and database statistic fields to zero and release all unused RUAB storage.	TE/EI
RF		Restart a started report.	RT/LR-LS
REVPROD		Display version number of all subsystems being used in this session of Natural Review.	All
RIGHT	PF11	Scroll display right one screen.	RT/VD, SA/PICK/NCT, SA
SAVE	PF5	Save report or other data	RT/ER
ST	PF6	Start report or simulation.	RT/ER
START		Start the Natural Monitor history session.	All
STERM SORTTERM		Sort users in ascending order by terminal name.	SA
SSID SORTSID	PF5	Sort users in ascending order by SID.	SA
STOP		Terminate the Natural Monitor history session.	TE/HC
SUM SUMMARY	PF6	Summarize transactions; does not display detailed Natural program data.	RT/VT
SUSER SORTUSER	PF4	Sort the Summary of Active Users display by user ID. Use: SA	PF4
TERM TERMNAT		Terminate specified session normally. A session may be terminated by TP user ID, terminal name, or session ID. The command format is the following: TERMNAT U= <i>userid</i> TERMNAT <i>sid</i> TERMNAT T= <i>terminalname</i>	SA, SA/PICK
TOGGLE		Switch between current and history report data.	RT/VD-VH-VW
TOP		Return to the top of the display.	RT/EX-LH-LR-LS-VD-VT, SA
TRANS	PF4	Display response times, for transactions, in vertical or horizontal graph. (system default)	RT/VH-VW
VD		Display detailed records for a report.	RT/all
VERT		Display a vertical graph.	RT/VH-VW
VH		Display a horizontal graph.	RT/all
VT		Display a transaction summary.	RT/LR-LS
VW		Display a historical snapshot or vertical graph.	RT/all