

# OpenVMS Operating System

This document is mainly divided into **SIX** segments. Each segment describes in brief about various commands used while working on this O/s. This document is just an introductory notes. Not all Commands are included in this document. For more detailed information, refer to the actual documentation provided by "Digital Equipment Corporation (*currently COMPAQ*)".

## Segment 1: File specification format

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File Type	Description
COM	Command Procedure file to be executed
DAT	Input or Output data file
DIF	Output created by the DIFF Command
EDT	Initialization command input file for EDT editor
EXE	Executable Image file
FDL	File Definition Language
HLP	Help file in Help Library
INI	Initialization file
LIS	Listing file created by the Language compiler
LOG	Output file created by the Batch job
OBJ	Object file created by the Language compiler
OLB	Object Library
TLB	Text Library
TMP	Temporary file
TPU	Command file for TPU Editor
TXT	Input file for TEXT Libraries

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## Segment 2: Digital Control Language (DCL) Commands

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Command	Description
COPY	Copies input file to another output file with different filenames
CREATE/DIRECTORY	Creates a new directory
CREATE/FDL	Creates a new file/directory FDL (File definition Language)
DEASSIGN	Deassigns an already assigned logical
DEFINE	Defines a Logical
DELETE	Deletes a given file/directory
DIFFERENCES	Gets the differences between two specified files
DIRECTORY	Lists all files in that directory
EDIT	Starts a TEXT Editor
EDIT/TPU	Starts a different Text Editor
EXIT	Exit from the current Process
GOTO	Goes to a specified Label
IF..THEN..ELSE..ENDIF	Conditional Statement
INQUIRE	Displays a message & accepts input from the User

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*LIBRARY* Maintains the existing or Creates a new one  
*LINK* Command use to build the executable

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Command	Description
<i>LOGOUT</i>	<i>Logs out of the existing system</i>
<i>OPEN</i>	<i>Opens a RMS (Flat) file</i>
<i>PRINT</i>	<i>Sends the specified file contents to the specified printer</i>
<i>PURGE</i>	<i>Deletes all older versions for a particular file</i>
<i>READ</i>	<i>Reads a RMS file</i>
<i>RENAME</i>	<i>Changes the old name to new name - for both files &amp; directories</i>
<i>RUN</i>	<i>Executes an executable file (.EXE )</i>
<i>SEARCH</i>	<i>Searches for the given string</i>
<i>SET</i>	<i>Sets the given option</i>
<i>SHOW</i>	<i>Displays the output of given option</i>
<i>SORT</i>	<i>Sorts a given file and creates a new output file</i>
<i>SPAWN</i>	<i>Creates a child-process</i>
<i>STOP</i>	<i>Stops a given process-id</i>
<i>SUBMIT</i>	<i>Submits a job to the batch queue</i>
<i>WAIT</i>	<i>Allows the Process to wait for specified time</i>
<i>WRITE</i>	<i>Writes the data to the specified output</i>

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### **Segment 3: Lexical Functions**

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Command	Description
<i>F\$CVTIME</i>	<i>Returns information about Time</i>
<i>F\$DIRECTORY</i>	<i>Returns the Current default directory name</i>
<i>F\$ELEMENT</i>	<i>Extracts one element from the string</i>
<i>F\$ENVIRONMENT</i>	<i>Returns information about current environment</i>
<i>F\$EXTRACT</i>	<i>Extracts specified characters from the specified string</i>
<i>F\$FILE_ATTRIBUTES</i>	<i>Returns the attribute information about the specified File</i>
<i>F\$GETJPI</i>	<i>Returns information about the specified process</i>
<i>F\$INTEGER</i>	<i>Returns the integer equivalent of the result of the specified expression.</i>
<i>F\$LENGTH</i>	<i>Returns the length of the specified character string.</i>
<i>F\$LOCATE</i>	<i>Locates a specified portion of a character string and returns as an integer</i>
<i>F\$PID</i>	<i>Returns a process identification (PID) number</i>
<i>F\$PROCESS</i>	<i>Returns the current Process name</i>
<i>F\$SEARCH</i>	<i>Searches the directory for the specified file</i>
<i>F\$STRING</i>	<i>Returns the string that is equivalent to the specified expression.</i>
<i>F\$TIME</i>	<i>Returns the current date and time in absolute time format.</i>

Command	Description
F\$TRNLNM	Returns the translated Logical name

Segment 4: Text Editors

**Segment 5: System Services**

Command	Description
\$ASCTIM	Converts an Absolute/Delta Time to ASCII String
\$BINTIM	Converts ASCII Time string to Absolute/Delta time
\$GETJPI	
\$GETQUI	
\$GETSYI	
\$GETTIM	
\$GETUAI	
\$TRNLNM	

Segment 6: Run Time Library Functions