Dear  All,

Apart from this you can go thu some of the very imp command that is used in the Unix  are as below:

## 1.Files and Directories:

These commands allow you to create directories and handle files.

|  |  |
| --- | --- |
| **Command** | **Description** |
| cat | Display File Contents |
| cd | Changes Directory to dirname |
| chgrp | change file group |
| chmod | Changing Permissions |
| cp | Copy source file into destination |
| file | Determine file type |
| find | Find files |
| grep | Search files for regular expressions. |
| head | Display first few lines of a file |
| ln | Create softlink on oldname |
| ls | Display information about file type. |
| mkdir | Create a new directory dirname |
| more | Display data in paginated form. |
| mv | Move (Rename) a oldname to newname. |
| pwd | Print current working directory. |
| rm | Remove (Delete) filename |
| rmdir | Delete an existing directory provided it is empty. |
| tail | Prints last few lines in a file. |
| touch | Update access and modification time of a file. |

## 2.Manipulating data:

The contents of files can be compared and altered with the following commands.

|  |  |
| --- | --- |
| **Command** | **Description** |
| awk | Pattern scanning and processing language |
| cmp | Compare the contents of two files |
| comm | Compare sorted data |
| cut | Cut out selected fields of each line of a file |
| diff | Differential file comparator |
| expand | Expand tabs to spaces |
| join | Join files on some common field |
| perl | Data manipulation language |
| sed | Stream text editor |
| sort | Sort file data |
| split | Split file into smaller files |
| tr | Translate characters |
| uniq | Report repeated lines in a file |
| wc | Count words, lines, and characters |
| vi | Opens vi text editor |
| vim | Opens vim text editor |
| fmt | Simple text formatter |
| spell | Check text for spelling error |
| ispell | Check text for spelling error |
| ispell | Check text for spelling error |
| emacs | GNU project Emacs |
| ex, edit | Line editor |
| emacs | GNU project Emacs |
| emacs | GNU project Emacs |

## 3.Compressed Files:

Files may be compressed to save space. Compressed files can be created and examined:

|  |  |
| --- | --- |
| **Command** | **Description** |
| compress | Compress files |
| gunzip | Uncompress gzipped files |
| gzip | GNU alternative compression method |
| uncompress | Uncompress files |
| unzip | List, test and extract compressed files in a ZIP archive |
| zcat | Cat a compressed file |
| zcmp | Compare compressed files |
| zdiff | Compare compressed files |
| zmore | File perusal filter for crt viewing of compressed text |

## 4.Getting Information:

Various Unix manuals and documentation are available on-line. The following Shell commands give information:

|  |  |
| --- | --- |
| **Command** | **Description** |
| apropos | Locate commands by keyword lookup |
| info | Displays command information pages online |
| man | Displays manual pages online |
| whatis | Search the whatis database for complete words. |
| yelp | GNOME help viewer |

## 5.Network Communication:

These following commands are used to send and receive files from a local UNIX hosts to the remote host around the world.

|  |  |
| --- | --- |
| **Command** | **Description** |
| ftp | File transfer program |
| rcp | Remote file copy |
| rlogin | Remote login to a UNIX host |
| rsh | Remote shell |
| tftp | Trivial file transfer program |
| telnet | Make terminal connection to another host |
| ssh | Secure shell terminal or command connection |
| scp | Secure shell remote file copy |
| sftp | secure shell file transfer program |

Some of these commands may be restricted at your computer for security reasons.

## 6.Messages between Users:

The UNIX systems support on-screen messages to other users and world-wide electronic mail:

|  |  |
| --- | --- |
| **Command** | **Description** |
| evolution | GUI mail handling tool on Linux |
| mail | Simple send or read mail program |
| mesg | Permit or deny messages |
| parcel | Send files to another user |
| pine | Vdu-based mail utility |
| talk | Talk to another user |
| write | Write message to another user |

## 7.Programming Utilities:

The following programming tools and languages are available based on what you have installed on your Unix.

|  |  |
| --- | --- |
| **Command** | **Description** |
| dbx | Sun debugger |
| gdb | GNU debugger |
| make | Maintain program groups and compile programs. |
| nm | Print program's name list |
| size | Print program's sizes |
| strip | Remove symbol table and relocation bits |
| cb | C program beautifier |
| cc | ANSI C compiler for Suns SPARC systems |
| ctrace | C program debugger |
| gcc | GNU ANSI C Compiler |
| indent | Indent and format C program source |
| bc | Interactive arithmetic language processor |
| gcl | GNU Common Lisp |
| perl | General purpose language |
| php | Web page embedded language |
| py | Python language interpreter |
| asp | Web page embedded language |
| CC | C++ compiler for Suns SPARC systems |
| g++ | GNU C++ Compiler |
| javac | JAVA compiler |
| appletvieweir | JAVA applet viewer |
| netbeans | Java integrated development environment on Linux |
| sqlplus | Run the Oracle SQL interpreter |
| sqlldr | Run the Oracle SQL data loader |
| mysql | Run the mysql SQL interpreter |

## 8.Misc Commands:

These commands list or alter information about the system:

|  |  |
| --- | --- |
| **Command** | **Description** |
| chfn | Change your finger information |
| chgrp | Change the group ownership of a file |
| chown | Change owner |
| date | Print the date |
| determin | Automatically find terminal type |
| du | Print amount of disk usage |
| echo | Echo arguments to the standard options |
| exit | Quit the system |
| finger | Print information about logged-in users |
| groupadd | Create a user group |
| groups | Show group memberships |
| homequota | Show quota and file usage |
| iostat | Report I/O statistics |
| kill | Send a signal to a process |
| last | Show last logins of users |
| logout | log off UNIX |
| lun | List user names or login ID |
| netstat | Show network status |
| passwd | Change user password |
| passwd | Change your login password |
| printenv | Display value of a shell variable |
| ps | Display the status of current processes |
| ps | Print process status statistics |
| quota -v | Display disk usage and limits |
| reset | Reset terminal mode |
| script | Keep script of terminal session |
| script | Save the output of a command or process |
| setenv | Set environment variables |
| stty | Set terminal options |
| time | Time a command |
| top | Display all system processes |
| tset | Set terminal mode |
| tty | Print current terminal name |
| umask | Show the permissions that are given to view files by default |
| uname | Display name of the current system |
| uptime | Get the system up time |
| useradd | Create a user account |
| users | Print names of logged in users |
| vmstat | Report virtual memory statistics |
| w | Show what logged in users are doing |
| who | List logged in users |

Please keep in mind they do not go much deep in Unix . Request you all to concentrate on shell sprinting and unix commands as much as possible

Regards,

Purushottam

**From:** Asish Patnaik   
**Sent:** Wednesday, August 19, 2015 4:45 PM  
**To:** Sai Y Raghupatruni; Rajnish K Tiwari; Ravikiran Govindareddy; Susheel K Yadav; Narsa Reddy Mara; Anusha H Thimmappa; Fazalulhaq Shaik; Pavithra V; Shahid M Ghouse; Pawan K Rajak; Shabeena Khanum; Kundan K Sinha; Sayan Bhattacharya; Ravi K Korada; SyedaTahaseen Naaz; Varada Prasanth; Naveen K Kudari; Sadhu C Paikaray; Mohamed Shiraz; Taruna K Mohanty; Ashutosh Yadav; Smita B Hittalmani; Ajaya K Sahoo; Rashmi P Jena; Ajaya K Sahoo; Prabhakar K Jha; Siva Boda; Jeyasankar Arjunan; Rashmi P Jena; Varada Prasanth; Kundan K Sinha; Noor Afshan; Shreya Shridaran; Naveen K Kudari; Ravitheja Mandula; SyedaTahaseen Naaz; Taruna K Mohanty; Prakruti Mulimani; Sankar Theerthagiri; Bapu S Jadhav; KARTHICK SANTHARAM; Ravikiran Govindareddy; Susheel K Yadav; Shahid M Ghouse; Diwaker Kalla; Bhavana A Rao; Brij Bhushan Ahuja  
**Cc:** Arumugam Kanipakam; Purushottam Kumar(NABFS00); Satyaki Ranjan Ghosh  
**Subject:** GS Interview Pre/Post Preparation - UNIX Material

Hi Team,

As part of interview preparation and also within GS the usage of Unix is quite predominant and all GS manager expect the candidates to be well equipped with Unix. Hence request you all to go through the attached material and get your concepts clear in Unix.

Also as part of upcoming interviews the demand for Unix is also getting highlighted so its better to get this technology well in advance.

Happy Learning….!!!!

**Asish Patnaik**

Senior Manager - Projects

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