

Package/Method	Description	Code Example
bash	Bash, or the Bourne Again Shell command, is a command-line interpreter commonly used in Unix-based operating systems. It runs in a text window where the user can interpret commands to carry out various actions.	<div>Example: This generates a list of numbers and prints them:</div> <pre>1. 1 2. 2 3. 3 4. 4 5. 5</pre> <div>Copied!</div>
		<div>Basic syntax of alias command</div> <pre>1. 1 1. alias [new-name[=command]]</pre> <div>Copied!</div>
		<div>Example 1: Replaces command cd C:\Users\Videos with new alias cdv; so instead of typing cd C:\Users\Videos, one can type cdv to execute the same command</div> <pre>1. 1 2. 2 1. alias cdv="cd C:\Users\Videos" 2. cdv</pre> <div>Copied!</div>
	Lets you create a shortcut name for a command, file name, or any shell text. Using aliases saves a lot of time when performing frequent tasks.	<div>Example 2: Use -p option to view all your alias commands</div> <pre>1. 1 1. alias -p</pre> <div>Copied!</div> <div>Example 3: Use unalias with -a option to remove all your alias commands</div> <pre>1. 1 1. unalias -a</pre> <div>Copied!</div> <div>Example 4: Use unalias command with name of alias on to remove specific alias command</div> <pre>1. 1 1. unalias cdv</pre> <div>Copied!</div> <div>Basic syntax of cd command</div> <pre>1. 1 1. cd [options] [directory]</pre> <div>Copied!</div> <div>Example 1: Change directory location to folder1</div> <pre>1. 1 1. cd /usr/local/folder1</pre> <div>Copied!</div>
cd	Used to move efficiently from the existing working directory to different directories on your system.	<div>Example 2: Get back to previous working directory</div> <pre>1. 1 1. cd -</pre> <div>Copied!</div> <div>Example 3: Move up one level from present working directory tree</div> <pre>1. 1 1. cd ..</pre> <div>Copied!</div> <div>Basic syntax of dependency-check command</div> <pre>1. 1 2. 2 3. 3 4. 4 5. 5 6. 6</pre>
	OWASP dependency-check is a software composition analysis utility that detects publicly disclosed vulnerabilities in application dependencies.	<pre>1. dependency-check.bat [options] --scan[directory] --out [directory] 2. 3. `Options 4. project: The name of your project as it should appear in the report 5. scan [directory]: The folder which contains the 3rd party dependency libraries 6. out [directory]: The folder where the vulnerability analysis reports should be exported to`</pre> <div>Copied!</div> <div>Example 1: In windows, use command as given below</div> <pre>1. 1 1. dependency-check.bat --project "my_project" --scan "c:\java\application\lib"</pre> <div>Copied!</div> <div>Example 2: In Linux, use command as given below</div> <pre>1. 1 1. dependency-check.sh --project "my_project" --scan "/java/application/lib"</pre> <div>Copied!</div>
		<div>Create a docker network</div> <pre>1. 1 1. docker network create my_network</pre> <div>Copied!</div> <div>Verify Network Connection</div> <pre>1. 1 1. docker network inspect my_network</pre> <div>Copied!</div> <div>List docker Network</div> <pre>1. 1 1. docker network ls</pre> <div>Copied!</div>
	You can use this code to manage networks. The subcommands can be used to create, inspect, list, remove, prune, connect, and disconnect networks.	<div>Remove docker network</div> <pre>1. 1 1. docker network rm NETWORK_NAME_OR_ID</pre> <div>Copied!</div> <div>Prune docker network</div> <pre>1. 1 1. docker network prune</pre> <div>Copied!</div> <div>Connect Docker Network</div> <pre>1. 1 1. docker network connect NETWORK_NAME CONTAINER_NAME_OR_ID</pre> <div>Copied!</div> <div>Disconnect Docker Network</div> <pre>1. 1 1. docker network disconnect NETWORK_NAME CONTAINER_NAME_OR_ID</pre> <div>Copied!</div>
docker network		<div>Lists the running containers by default. We can use different flags to get the list of other containers that are in stopped or exited status. You can download Docker images from the internet.</div> <pre>1. 1 1. docker ps [OPTIONS]</pre> <div>Copied!</div> <div>If you want to see all containers, including the stopped ones, you can use the -a or -all</div> <pre>1. 1 1. docker ps -a</pre> <div>Copied!</div>
		<div>docker pull</div> <pre>1. 1 1. docker pull [OPTIONS] IMAGE_NAME[:TAG]</pre> <div>Copied!</div>
		<div>docker run</div> <pre>1. 1 1. docker run [OPTIONS] IMAGE [COMMAND] [ARG...]</pre> <div>Copied!</div>
		<div>git clone</div> <pre>1. 1 1. git clone REPOSITORY_URL [DESTINATION_DIRECTORY]</pre> <div>Copied!</div>
jake	Jake is a simple JavaScript build program with capabilities similar to the regular make or rake command. It has the following features:	<pre>1. 1 1. jake ddt</pre> <div>Copied!</div>
	Jakefiles are in standard JavaScript syntax	
	Tasks with prerequisites	
	Namespaces for tasks	
jq	Async task execution	<div>Basic command syntax</div> <pre>1. 1 1. jq [options] [filter] [file]</pre> <div>Copied!</div>
		<div>Lets's consider a simple example. json file that describes an array as below -</div> <pre>1. 1 2. 2 3. 3 4. 4 5. 5 6. 6 7. 7 8. 8 9. 9 10. 10 11. 11 12. 12 13. 13 14. 14 15. 15</pre>
	Used to transform JSON data into a more readable format and print it to the standard output on Linux.	<pre>1. [ 2. { 3.   color: "red", 4.   value: "#f00" 5. }, 6. { 7.   color: "green", 8.   value: "#0f0" 9. }, 10. { 11.   color: "blue", 12.   value: "#00f" 13. } 14. ] 15.</pre> <div>Copied!</div>
		<div>Example 1: The identity filter . takes the input and produces prints all output unchanged</div> <pre>1. 1 1. jq '.' example.json</pre> <div>Copied!</div> <div>Example 2: Extract the name of each color from each object in the array</div> <pre>1. 1 2. 2 1. jq '.[].color' example.json 2. jq 'map(has("color"))' example.json</pre> <div>Copied!</div>
ls		<div>Basic command syntax</div> <pre>1. 1 1. ls [options] [file/directory]</pre> <div>Copied!</div>
	Basic Linux command used for listing information regarding files and directories within the file system.	<div>Example 1: Sorts the file names displayed in the order of last modification time. r is for displaying in reverse order</div> <pre>1. 1 2. 2 1. ls -lt 2. ls -ltr</pre> <div>Copied!</div> <div>Example 2: Displays hidden files</div> <pre>1. 1 1. ls -a</pre> <div>Copied!</div>
	To ensure that requests will function, the pip program searches for the package in the Python Package Index (PyPI), resolves any dependencies and installs everything in your current Python environment. The pip install <package> command looks for the latest version of the package and installs it.	<pre>1. 1 1. pip list</pre> <div>Copied!</div>
pip		
pip install		
sonar-scanner	The SonarScanner CLI is the scanner to use when there is no specific scanner for your build system.	<div>Basic Syntax of the sonar-scanner command; commonly used options are:</div> <pre>-D,--define &lt;arg&gt; Define property -h,--help Display help information -v,--version Display version information -X,--debug Produce execution debug output</pre> <pre>1. 1 1. sonar-scanner [options]</pre> <div>Copied!</div> <div>Example: verify your installation by executing the command</div> <pre>1. 1 1. sonar-scanner -h</pre> <div>Copied!</div>
		<div>Basic Syntax of the wget command; commonly used options are [-V], [-h], [-b], [-e], [-o], [-a], [-q]</div> <pre>1. 1 1. wget [options]</pre> <div>Copied!</div>
	Stands for web get. The 'wget' is a free non-interactive file downloader command. Non-interactive means it can work in the background when the user is not logged in.	<div>Example 1: Specifies to download file.txt over HTTP website url into the working directory.</div> <pre>1. 1 1. wget http://example.com/file.txt</pre> <div>Copied!</div> <div>Example 2: Specifies to download the archive.zip over HTTP website url in the background and returning you to the command prompt in the interim.</div> <pre>1. 1 1. wget -b http://www.example.org/files/archive.zip</pre> <div>Copied!</div>
		<div>Basic syntax of which command</div> <pre>1. 1 1. which [option] [filename1] [filename2]</pre> <div>Copied!</div> <div>Example 1: To know where exactly the java program is located, execute the command as below</div> <pre>1. 1 1. which java</pre> <div>Copied!</div>
which	Used to locate the executable file associated with the given command by searching it in the path environment variable	<div>Example 2: To know exact location of multiple programs, execute the command as below</div> <pre>1. 1 1. which java python</pre> <div>Copied!</div> <div>Example 3: By default which command will display the path of the first occurrence, but if we want to display all the occurrences of the program, then we can use -a option.</div> <pre>1. 1 1. which -a python</pre> <div>Copied!</div>

Changelog

Date	Version	Changed by	Change Description
2023-08-16 0.1		Gagandeep	Initial version created
2023-08-17 0.2		Shilpa Giridhar	Updated Cheat Sheet