Bash Shell Scripting

Command Chaining Operators

#!/bin/bash

Learn how to automate common tasks using bash shell scripting

Command Chaining Operators



- Combining two or more commands is called command chaining.
- There are different Operators to combine commands on command line and in shell scripting.
 - Semicolon (;) Operator
 - Logical AND (&&) Operator
 - Logical OR (||) Operator

Semicolon(;)



- Syntax:
- Command1;Command2
- Both commands will run independently.
- We can club any number commands/logics using Semicolon Operators
- Ex:
 - **a**=6;b=5;echo "\$a" ;echo "\$b"

Logical AND (&&):



- Syntax:
- Command1 && Command2
- The Command2 will run, only if the command1 is successful.
- We can club any number of commands using AND Operator.
- Cmd1 && Cm2 && Cmd3
- Cmd3 will run only if first two commands are successful.

Logical OR(||):



- Syntax:
- Command1 | Command2
- The Command2 will run, only if the command1 is failed.
- We Can club any number of commands using OR operators.
- Cmd1 | Cmd2 | Cmd3
- Cmd2 will run, only if the cmd1 is failed and Cmd3 will run, only if Cmd1 and Cmd2 are failed.

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Combining Multiple Operators:



- Syntax:
- Command1 && Command2 | Command3
- Command1 | Command2 && Command3

Thank you