



Terminal Essentials

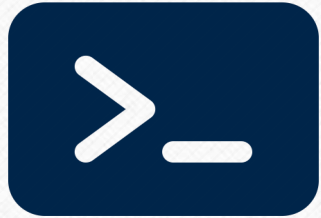
Fundamentals of the Command Line Interface (CLI)



Terminal Essentials

Beginner
developers

Experience
developers who
have worked mostly
with GUI tools



Terminal Essentials

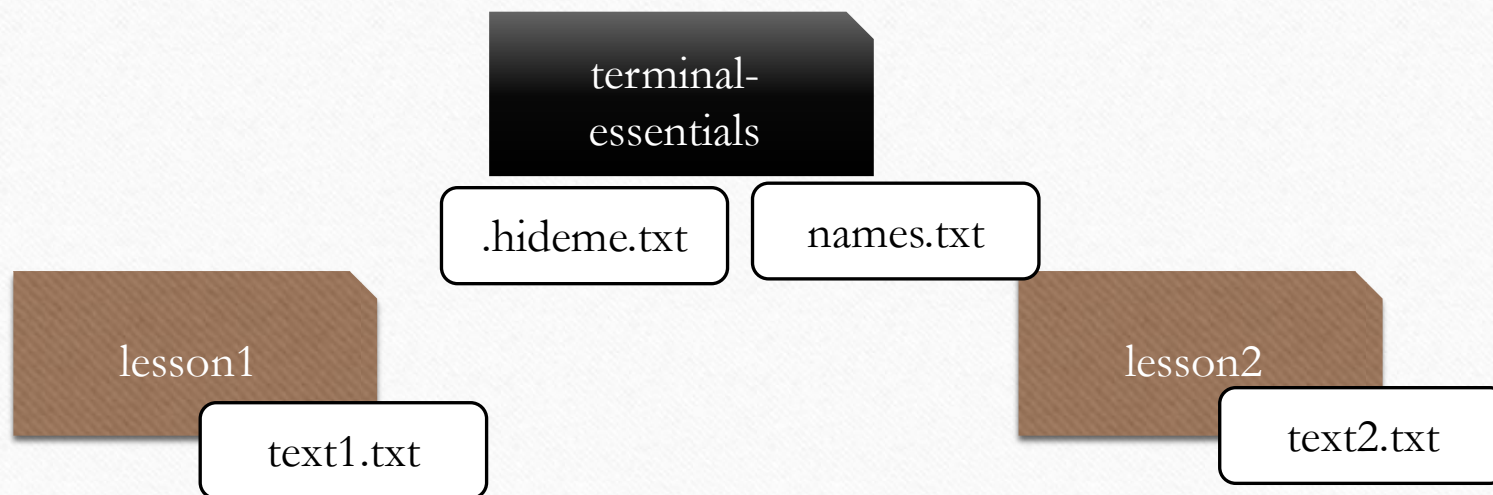
Navigation and File Management

- View the contents of a file or directory
- Move from one directory to another.
- Create files and directories
- Move files and directories
- Renaming files and directories
- Deleting files and directories

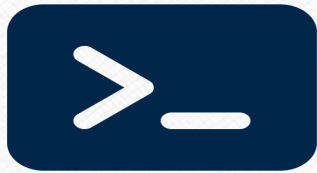


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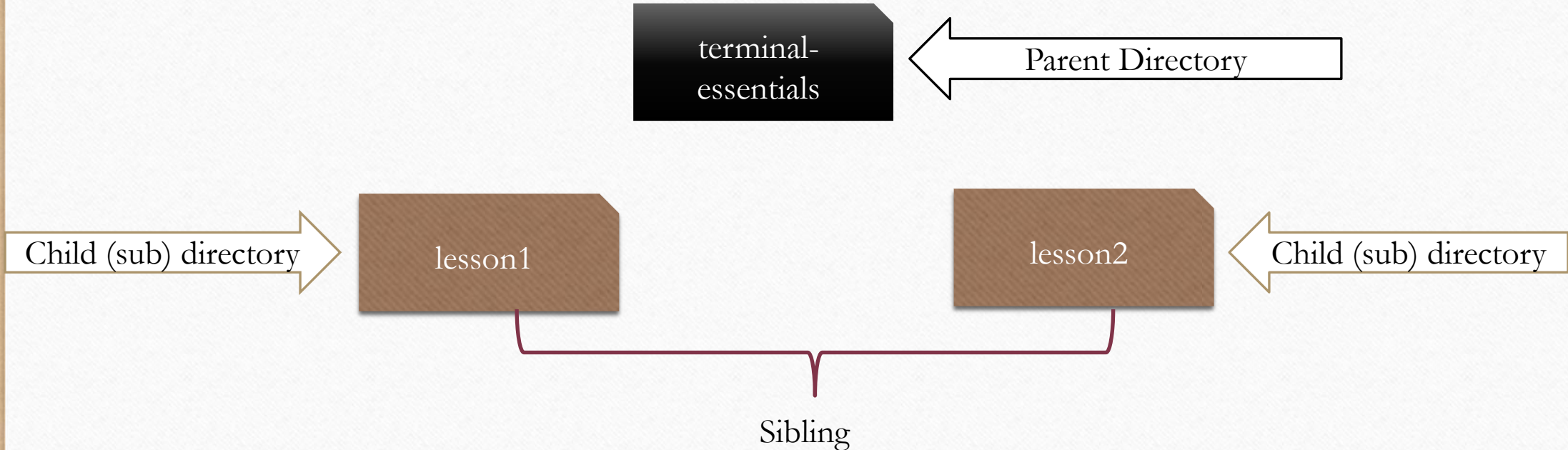
Getting started

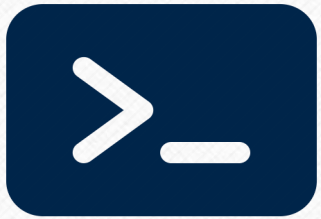


<https://bit.ly/3eLcpFN>



Terminal Essentials – Navigation





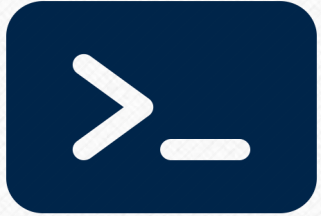
Terminal Essentials

Navigation

`ls` → list directory contents

`cd` → Change a directory

`pwd` → print the name of the current working directory

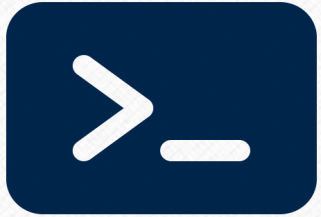


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Navigation

ls → List the contents of a directory

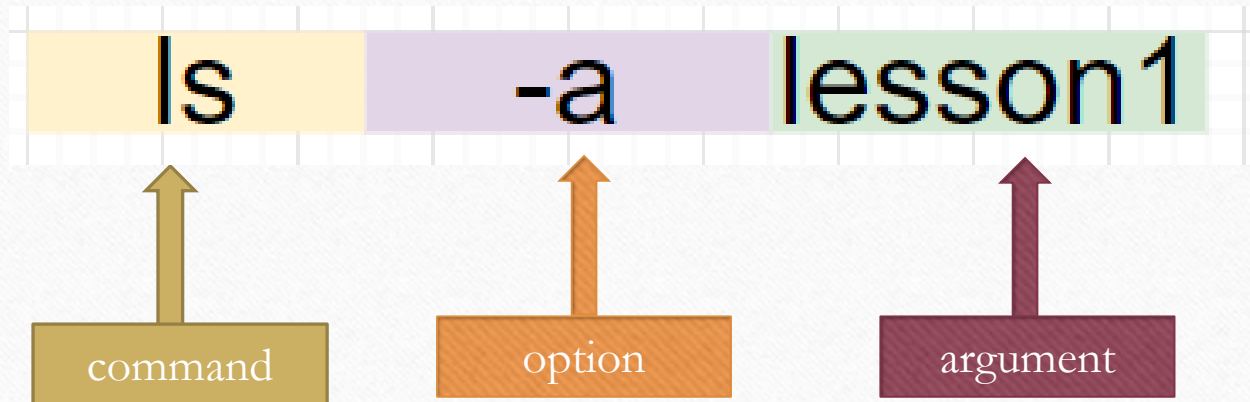
- List files the current directory
- List files in a specific directory

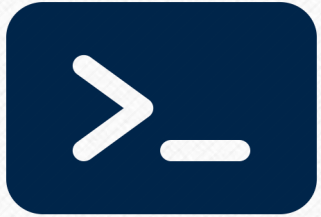


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Navigation

Command Syntax



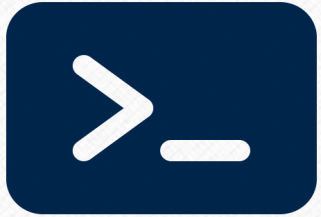


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Navigation

cd → Change Directory

- Change to a directory
- Change to previous directory
- Change to parent directory
- Change to root directory

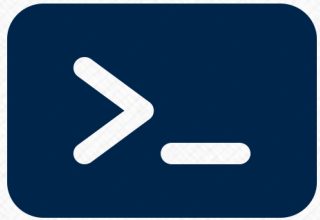


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Navigation

pwd → Finding your current Directory

- Change to a directory – relative and absolute
- Change to previous directory
- Change to parent directory
- Change to root directory



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File Management

mkdir → Create a directory

touch → create a file

cp → Copy directory or file

mv → Rename or move a file

rmdir → Removes an empty directory

rm → Removes directory or file

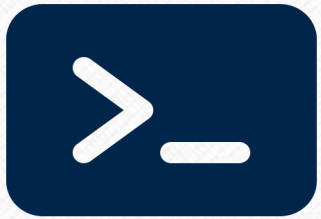
cat → see file content. Cannot edit

less → View large file in page-like manner

more → View all content

tail → Output the last part of the file

echo → Append content to a file



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Commands

`clear` → Clears the console output

`ls` → list directory contents

`cd` → Change a directory

`pwd` → print the name of the current working directory

`mkdir` → Create a directory

`touch` → create a file

`cp` → Copy directory or file

`mv` → Rename or move a file

`rmdir` → Removes an empty directory

`rm` → Delete

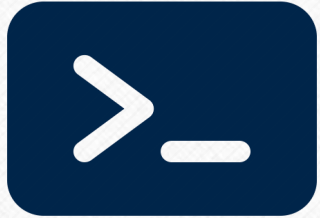
`cat` → see file content. Cannot edit

`less` → View large file in page-like manner

`head` → View to top part of a file

`tail` → Output the last part of the file

`echo` → Append content to a file



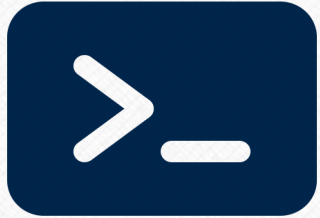
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File Management

Creating Directories and Files

`mkdir` → Create a directory

`touch` → create a file



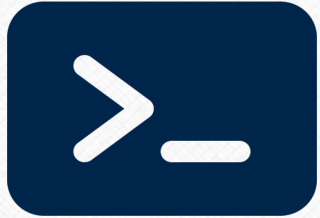
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File Management

Renaming and copying

`cp` → Copy directory or file

`mv` → Rename or move a file



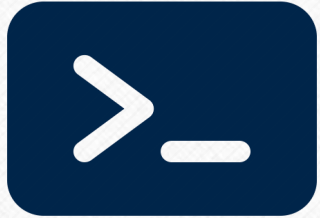
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File Management

Delete Directory and File

`rmdir` → Removes an empty directory

`rm` → create a file



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File Management

Display content a file

cat → see file content. Cannot edit

less → View large file in page-like manner

tail → Output the last part of the file

head → Output the top part of the file