The Unix Shell

Introduction
The Unix Shell

Introduction
Run Programs
Run Programs

Store Data

The Unix Shell

Introduction
Run Programs

Store Data

Communicate with each other
Run Programs

Communicate with each other

Interact with us

Store Data
Interact with us
Interact with us

Telepathy
Interact with us

Telepathy

Speech
Interact with us

- Telepathy
- Speech

WIMP

/windows, icons, mice, pointers/
Rewiring

Interact with us

Telepathy

Speech

WIMP

The Unix Shell

Introduction
Interact with us

Rewiring

Typewriter

WIMP

Telepathy

Speech

The Unix Shell

Introduction
Typewriter
Typewriter

Line printer + keyboard

The Unix Shell

Introduction
Typewriter

Line printer + keyboard

Text only
Typewriter

Line printer + keyboard

Text only
Typewriter

Line printer + keyboard

Text only

CLUI: command-line user interface
user logs in
user logs in
user types command
user logs in
user types command
computer executes command
and prints output
user logs in
user types command
computer executes command
    and prints output
user types another command
user logs in
user types command
computer executes command
    and prints output
user types another command
computer executes command
    and prints output
user logs in
user types command
computer executes command
    and prints output
user types another command
computer executes command
    and prints output
:
user logs off
user logs in
user types command
computer executes command
    and prints output
user types another command
computer executes command
    and prints output
:
user logs off
user logs in
user types command
computer executes command
    and prints output
user types another command
computer executes command
    and prints output
:
user logs off
user logs in
user types command
computer executes command
    and prints output
user types another command
computer executes command
    and prints output
:
user logs off
A shell is just a program that runs other programs
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Use it because:

- many tools only have command-line interfaces
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- many tools only have command-line interfaces
- allows you to combine tools in powerful new ways
created by

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