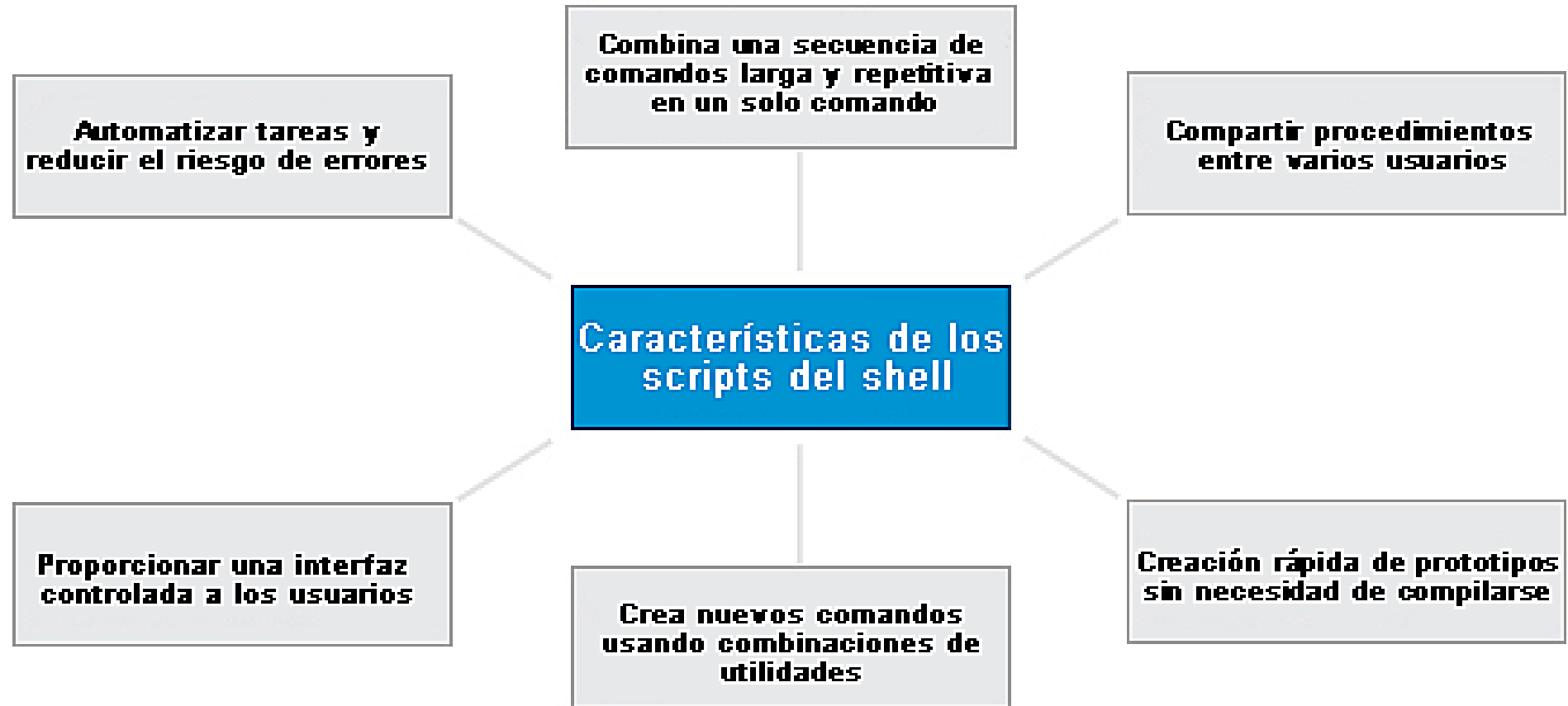


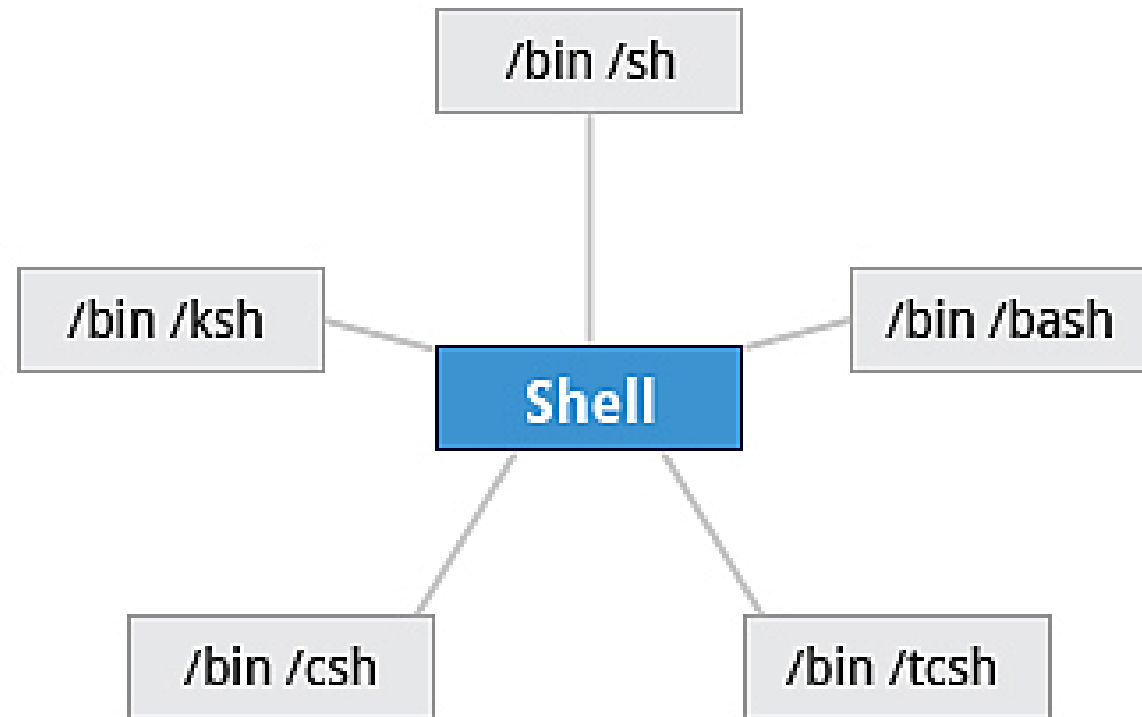
Introducción a Linux

Shell scripting

Programación en el shell

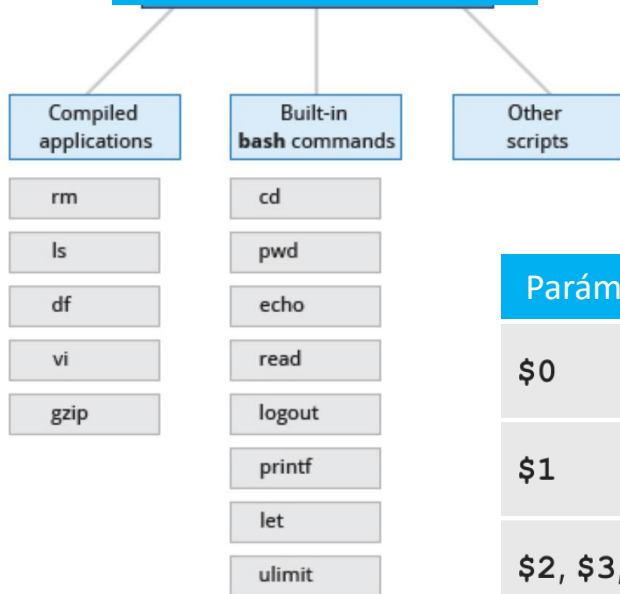


Intérpretes de comandos disponibles



Sintaxis

Tipos de órdenes



Parámetros

\$0

\$1

\$2, \$3, etc.

\$*

\$#

Bifurcaciones

```
#!/bin/bash

if [ -f "$1" ]
then
    echo file "$1 exists"
else
    echo file "$1" does not exist
fi
```

Sustitución

```
$(....)
`....`
```

Valor de retorno

```
$?
exit 0
```

Redirecciones

```
>, >>
<, <<
|
```

Comprobaciones numéricas

```
student@ubuntu: /tmp
#!/bin/bash
AGE=$1
if [[ $AGE -ge 20 ]] && [[ $AGE -lt 30 ]]; then
    echo "You are in your 20s"
elif [[ $AGE -ge 30 ]] && [[ $AGE -lt 40 ]]; then
    echo "You are in your 30s"
elif [[ $AGE -ge 40 ]] && [[ $AGE -lt 50 ]]; then
    echo "You are in your 40s"
else
    echo at AGE=$AGE, you are not in the proper range of 21-50
fi
student@ubuntu:/tmp$ ./checkage.sh 33
You are in your 30s
student@ubuntu:/tmp$ ./checkage.sh 21
You are in your 20s
student@ubuntu:/tmp$ ./checkage.sh 18
at AGE=18, you are not in the proper range of 21-50
student@ubuntu:/tmp$
```

```
$ cat > hello.sh
#!/bin/bash
echo "Hello Linux Foundation Student"
$ bash hello.sh
Hello Linux Foundation Student
$
```



Introducción a Linux

Shell scripting