

GNU/Linux - An Introduction

Part 6

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Review

- Environment Variables
- Shell Scripts
- Shell Builtins

Contents

1 Bash Builtins	1
2 Bash Constructs	2
3 Summary	2

1 Bash Builtins

Bash Builtins

- Commands such as (echo), alias, export, set, read.
- Redirection Operators
 - <, Read
 - <<, Here-document
 - >, Create/Truncate

– >>, Append

- File Descriptors.
- Standard File Descriptors 0, 1, 2.
- Pipes - redirect 1 to 0. E.g.: ‘ls|less’.
- Back-quotes.
- *Note:* Unlike Windows CLI, bash operates in binary mode.

2 Bash Constructs

Bash Constructs

- Arithmetic Expansion - (()).
- Boolean Value - [], test or [[]].
- Condition Structure -
if list; then list; [elif list; then list; [else list;]] fi
- Iteration Structure -
 - For loop -
for name in list; do list; done

3 Summary

Summary

- Bash Builtins
- Some of Bash Constructs

References

References

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