

GNU/Linux - An Introduction
Part 7
→ BASH Programming ←

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March 12, 2008

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Review

- Bash Builtins
- Standard File Descriptors 0, 1, 2. (*See /dev/fd/*)
- Some Bash Constructs.

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1 BASH Concepts/Definitions

BASH Concepts/Definitions

- blank
- word/token
- name/identifier
- meta characters - | & ; () < > space tab
- control operators - || & && ; ; () | newline

2 Bash Grammer

Bash Grammer

- Simple Commands (&, ;)
- Pipelines
- Lists
 - Sequence of pipelines
 - && and ||
- Expressions
 - Arithmetic - C style except **
 - Conditional

Conditional Expressions

- File related checks (Unary and Binary)
- String Comparisons
- Arithmetic Comparisons

3 Summary

Summary

- BASH Concepts
- BASH Grammer - *to some extent*

References

References

- [1] Machtelt Garrels. “Bash Guide for Beginners”. Version 1.8. WWW link - <http://tldp.org/LDP/Bash-Beginners-Guide/Bash-Beginners-Guide.pdf>.
- [2] man bash, man:/bash
- [3] info bash, info:/bash
- [4] Mendel Cooper. “Advanced Bash-Scripting Guide”. Version 5.1. WWW Link - <http://tldp.org/LDP/abs/abs-guide.pdf>.