String & File attributes Comparison in BASH

Talk to a Teacher Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://www.sakshat.ac.in

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IIT Bombay

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Learning Objectives

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▶ **String comparison**

Learning Objectives

- **String comparison**
- **File attributes comparison**

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- **String comparison**
- **File attributes comparison**
- **Using a few examples**

System Requirements

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- **Ubuntu Linux 12.04 OS**

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- **GNU Bash version 4.1.10**

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- **GNU Bash version 4.1.10**
- **GNU Bash version 4 or above is recommended for practice**

Introduction

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There are two ways to compare a string in BASH

String operator	value
==	equal
!=	not-equal

Table: String comparison in BASH.

exit

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- **A successful command returns 0**
- **An erroneous command returns a non-zero value**
- **Can be interpreted as error code**
- **Customize return value of the** `exit` **statement**

Summary

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- **String comparison**
- **File attributes**
- **==**
- **!=**

Summary

Summary

- **-f**

- **-s**

- **-w**

- **-nt**

- **-ot**

Assignment

Explore some more attributes

- **-r**

- **-x**

- **-o**

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- **More information on this Mission is available at:**
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