What is Bash File Extension – .sh or nothing

Bash File Extension

Bash File Extension – In this Bash Tutorial, we will learn about the extension provided to Bash Script File.

No extension is required for Bash Script File when you specify Hash Bang, `#!/bin/bash` , as the first line of code. The Hash Bang is a Kernel convention and helps the Kernel in deciding the interpreter. Kernel deciding the interpreter!! Whats that? The scripts can be in bash, python, perl, php, etc. And specifying the interpreter in Hash Bang is sufficient for your Kernel to execute the Script.

Bash Hash Bang

In this example script, we provide no extension to the script file, but mention the Hash Bang as the first line in the script file.

Bash Script File

```
#!/bin/bash

# echo command
echo Welcome to TutorialKart

# another echo command
echo Learn Bash Scripting
```

Output

```
~$ ls
bash-example
~$ cat bash-example
#!/bin/bash

# echo command
echo Welcome to TutorialKart

# another echo command
echo Learn Bash Scripting
~$ ./bash-example
Welcome to TutorialKart
Learn Bash Scripting
```

Our script file does not have any extension, and while running the script, `~$ ./bash-example` , we have not

mentioned any extension.

.sh – Bash Script Extension

In this example, we do not specify Hash Bang as the first line in our script file, but use .sh extension in the file name.

Bash Script File

```
# echo command
echo Welcome to TutorialKart

# another echo command
echo Learn Bash Scripting
```

Output

```
~$ ls
bash-example  bash-example.sh
~$ ./bash-example.sh
Welcome to TutorialKart
Learn Bash Scripting
```

Our script file have `.sh` extension, and while running the script, `~$ ./bash-example.sh`, we mentioned the extension.

Concluding this, we have learned how to provide the extension to a bash script file or let the kernel pick up the interpreter with the hash bang in the script file.

Conclusion

In this Bash Tutorial, we learned about the extension for a Bash Script File.

Bash Shell Scripting

- Bash Tutorial
- Bash Script Example
- **Bash File Extension**
- Bash Echo
- Bash Comments
- Bash Variable

- Bash Command Line Arguments
- Bash Read User Input
- Bash Read Password
- Bash Date Format
- Bash Sleep

Operators

- Bash Arithmetic Operators

Conditional Statements

- Bash If
- Bash If Else
- Bash Else If
- Bash Case

Loops

- Bash For Loop
- Bash While Loop
- Bash Until Loop

Strings

- Bash String Manipulation Examples
- Bash String Length
- Bash If String Equals
- Bash Split String
- Bash SubString
- Bash Concatenate String
- Bash Concatenate Variables to Strings

Functions

- Bash Function
- Bash Override Buitlin Commands

Arrays

- Bash Array

Files

- Bash Write to File
- Bash Read File
- Bash Read File line by line
- Bash If File Exists
- Bash If File is Directory
- Bash If File is Readable

Bash Others

- Bash Check if variable is set