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Perplexity Labs Inbox x



Rudi Farkas <rudi.farkas@gmail.com>

10:39 AM (1 hour ago)

to me

Perplexity Labs

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When you use a shebang line like `#!/usr/bin/env fish` at the start of a script, it specifies the interpreter that should be used to execute the script. However, this mechanism only works under certain conditions.

Execution Without Specifying Interpreter

If you execute the script directly (e.g., `./myscript.fish`) and the script has the executable permissions set (e.g., `chmod +x myscript.fish`), the shebang line will be respected, and the script will be executed using the specified interpreter, in this case, Fish.

Execution Within Another Shell

If you are running the script from within another shell like Bash or Zsh, and you specify the script name without invoking the Fish interpreter explicitly (e.g., `./myscript.fish` or just `myscript.fish` if it's in the PATH), the shebang line will still be respected. The kernel will use the specified interpreter to run the script.

However, if you run the script using the other shell's command (e.g., `zsh ./myscript.fish` or `bash ./myscript.fish`), the shebang line is ignored, and the script will be executed by the specified shell (Zsh or Bash in this case).

Summary

- **Direct Execution**: If you run the script directly (e.g., `./myscript.fish`), the shebang line will be respected, and Fish will be used as the interpreter.

- **Execution Within Another Shell**: If you run the script using another shell's command (e.g., `zsh ./myscript.fish`), the shebang line is ignored, and the script will be executed by that shell.

To ensure the script is always executed with Fish, you should run it using `fish ./myscript.fish` or make sure it is executed directly with the correct permissions.

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