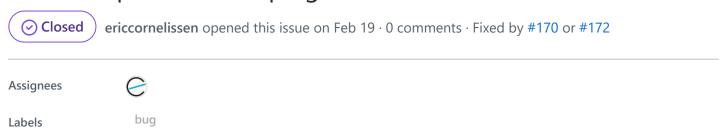


String like =~ in Bash not escaped properly by escape(All) with interpolation escaping enabled #169





Owner

Bug Report

- Shescape version: v1.5.0
- Operating system: Unix (Ubuntu 20.04)
- Shell: Bash

Description

If the string =~ appears at the end of an argument in Bash (without quoting the argument) the tilde (~) will be expanded to the home directory. Similarly, when xxx:~, ~:xxx or xxx:~:xxx appears after = (where xxx can be *any* string), the tilde (~) will be expanded, this even works for multiple tildes.

Actual Behaviour

When running shescape.escape(All) with interpolation escaping enabled the trailing \sim is not escaped and therefore expanded when the argument is used.

Expected Behaviour

When running shescape.escape(All) with interpolation escaping enabled the trailing ~ should be escaped to avoid it being expanded when the argument is used.

Working Examples

This category of bug was found by fuzzing, the crash results can be found here:

- fuzz-crash-ubuntu-latest-d064460acb19928e9d39d88104d3babbac73b8c3.zip
- fuzz-crash-ubuntu-latest-3f7da262eedcbbafb9fa6c88a73f27ccad35541e.zip
- fuzz-crash-ubuntu-latest-d9afe26e335c8ec19274bf4a631cdce570169161.zip
- fuzz-crash-ubuntu-latest-71ebbf663da3b83efd509e136ab3424293fa42bd.zip
- fuzz-crash-ubuntu-latest-bff706bd1435d57c3d433d63d50f7e2f7e87f4f4.zip
- fuzz-crash-ubuntu-latest-50ab31df9b55f3b4953d5db689c25cdef1014e40.zip
- fuzz-crash-ubuntu-latest-18410404c15407d04365ed5149d537e6d222b172.zip

\Diamond	ericcornelissen added the bug label on Feb 19
٨	ericcornelissen self-assigned this on Feb 19
Ç	ericcornelissen mentioned this issue on Feb 19 Escape trailing strings like =~ for Bash-like shells #170 Merged
0	ericcornelissen changed the title Trailing string = in Bash not escaped properly by escape(All) Trailing string like = in Bash not escaped properly by escape(All) on Feb 19
	ericcornelissen closed this as completed in #170 on Feb 19

ericcornelissen reopened this on Feb 19

ericcornelissen mentioned this issue on Feb 20

Escape trailing strings like =~x for Bash-like shells #172

ericcornelissen closed this as completed in #172 on Feb 20

	ericcornelissen changed the title Trailing string like =~ in Bash not escaped pro String like =~ in Bash not escaped properly by escape(All) with interpolation escape	
	String like = In Bush hot escaped properly by escape(till) with interpolation escap	mig chabled on res LE
Ç	ericcornelissen added a commit that referenced this issue on Jun 3	
	Add dedicated escaping logic for Dash	X 66dcdcd
Ç	ericcornelissen added a commit that referenced this issue on Jun 7	
	E Separate Dash escaping from Bash escaping (#272)	✓ b888aaf
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Succe	ssfully merging a pull request may close this issue.	
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