

## hswaw - Bugless #50

### //tools:secretstore fails on NixOS

09/13/2021 04:51 PM - informatic

<b>Status:</b>	Resolved
<b>Priority:</b>	Normal
<b>Assignee:</b>	informatic
<b>Category:</b>	
<b>Description</b>	
Running on current hscld master aef13358c8456a16ce65eb97e876ba1b56b8ced8, NixOS 21.05.2001.d4590d21006	
<pre>atuin\informatic hscld (master) \$ nix-shell INFO: Analyzed 8 targets (0 packages loaded, 0 targets configured). INFO: Found 8 targets... INFO: From BazelWorkspaceStatusAction stable-status.txt: hostname: symbol lookup error: /usr/lib/libc.so.6: undefined symbol: _dl_catch_error_ptr, version GLIBC_PRIVATE INFO: Elapsed time: 0.517s, Critical Path: 0.11s INFO: 1 process: 1 internal. INFO: Build completed successfully, 1 total action INFO: Analyzed 4 targets (0 packages loaded, 0 targets configured). INFO: Found 4 targets... INFO: From BazelWorkspaceStatusAction stable-status.txt: hostname: symbol lookup error: /usr/lib/libc.so.6: undefined symbol: _dl_catch_error_ptr, version GLIBC_PRIVATE INFO: Elapsed time: 4.472s, Critical Path: 4.23s INFO: 5 processes: 1 internal, 4 linux-sandbox. INFO: Build completed successfully, 5 total actions hostname: symbol lookup error: /usr/lib/libc.so.6: undefined symbol: _dl_catch_error_ptr, version GLIBC_PRIVATE bash: hostname_colors: bad array subscript atuin\informatic hscld (master) \$ secretstore sync Error occurred while attempting to use the default Python toolchain (@rules_python//python:autodetecting_toolchain). Neither 'python3' nor 'python' were found on the target platform's PATH, which is:  /home/informatic/.local/bin:/home/informatic/.dotfiles/tools:/home/informatic/Projects/hscld/bazel-bin/tools:/home/informatic/Projects/hscld/bazel-bin/cluster/tools:/run/wrappers/bin:/usr/bin:/usr/sbin:/run/wrappers/bin:/usr/bin:/usr/sbin:/nix/store/zdk63pzvb0qgs5wylrji3qj4h4kcl5hg-bash-interactive-4.4-p23/bin:/nix/store/wl5vdxlg9wkjgsjb8z1g9gxp5dwr8dfx-patchelf-0.12/bin:/nix/store/jj6z78skpdcya84iqbn9cf59sxjy5msv-coreutils-8.32/bin:/nix/store/2nrji9a3q54bnbf6bh2i01pv7hnb4320-findutils-4.8.0/bin:/nix/store/n0s100cc8q4y3lcwjk65p497m4y1xrlj-diffutils-3.7/bin:/nix/store/pp6q8mh5ilgsf67cciggkqcrw8z2hip-gnused-4.8/bin:/nix/store/azjjb2azlva4ifsiyazrl8ajck5njfxn-gnugrep-3.6/bin:/nix/store/1838raw4b33pbry9m3c4mwrfigzbf6r-gawk-5.1.0/bin:/nix/store/8717j4jcs16x50nzpii751cdbsa26b0f-gnutar-1.34/bin:/nix/store/zab716kfm0h8iy49dldm8x1b695p7sk-gzip-1.10/bin:/nix/store/yr4rc4w2fcf96grwliqr1kgypi47q6j0-bzip2-1.0.6.0.2-bin/bin:/nix/store/pyv3351wlsa5r8sa8bbjpic3ksbvcqc-gnumake-4.3/bin:/nix/store/can473ld4dc8izcjl4i5daxshly15d8-bash-4.4-p23/bin:/nix/store/ral4i7kjhmxzq2kdg1lymx2bshgkx76m-patch-2.7.6/bin:/nix/store/jjfwszja3l4l4a6rrs2fi4im5hw0cjzc-xz-5.2.5-bin/bin:/home/informatic/.local/bin:/home/informatic/.dotfiles/tools:/home/informatic/bin:/home/informatic/.local/bin:/home/informatic/.dotfiles/tools:/home/informatic/.local/bin:/home/informatic/.dotfiles/tools:/nix/store/casn818j3wlrh4axkawj71zrxivmzdgz-kitty-0.20.3/bin:/nix/store/rb9gj8hfmhzprlslsa4088wc51y33rgp-imagemagick-7.1.0-4/bin:/nix/store/n4dgh5ishnd62bxvgww45wafsfazsk01-xsel-unstable-2020-05-27/bin:/nix/store/rx0hx12wwawpmqgvqq26h5lkjy55dp8x-ncurses-6.2-dev/bin:/home/informatic/.local/bin:/home/informatic/.dotfiles/tools:/home/informatic/.local/bin:/home/informatic/.dotfiles/tools:/run/wrappers/bin:/home/informatic/.dotfiles/tools:/home/informatic/.local/bin:/home/informatic/bin:/home/informatic/.nix-profile/bin:/etc/profiles/per-user/informatic/bin:/nix/var/nix/profiles/default/bin:/run/current-system/sw/bin  Please ensure an interpreter is available on this platform (and marked executable), or else register an appropriate Python toolchain as per the documentation for py_runtime_pair (<a href="https://github.com/bazelbuild/rules_python/blob/master/docs/python.md#py_runtime_pair">https://github.com/bazelbuild/rules_python/blob/master/docs/python.md#py_runtime_pair</a>). atuin\informatic hscld (master) \$ exit atuin\informatic hscld (master) \$ nixos-version</pre>	

## History

### #1 - 09/13/2021 04:58 PM - q3k

Hm, does running python in the nix-shell actually work? I see some curious errors like

```
hostname: symbol lookup error: /usr/lib/libc.so.6: undefined symbol: _dl_catch_error_ptr, version GLIBC_PRIVATE
```

which hint at something being thoroughly borked. I was something like this a while ago when the hsccloud nixpkgs was very out of date with my system nixpkgs (!). In that case I wasn't able to run things from the system (like system vim) in the nix-shell, but maybe your case the opposite is true, and for some reason you can't run some things in the shell?

### #2 - 09/13/2021 05:00 PM - q3k

(I should add that when I encountered it, the problem was that my system nixpkgs was much newer than the shell nixpkgs.)

### #3 - 09/13/2021 05:01 PM - informatic

Python itself seems to work fine in our nix-shell.

```
atuin\informatic hsccloud (master) $ python --version
Python 3.8.11
atuin\informatic hsccloud (master) $ type python
python is hashed (/usr/bin/python)
atuin\informatic hsccloud (master) $ ls -lah /usr/bin/python
lrwxrwxrwx 1 nobody nogroup 79 Jan  1  1970 /usr/bin/python -> /nix/store/rlpgv7dca7mm4fzfh5c0xxas6vpqz4dz-hsc
loud-build-usr-target/bin/python
```

Let me bump my local nixpkgs for now...

### #4 - 09/13/2021 05:06 PM - q3k

The python here in my nix-shell is the same:

```
q3k/hsccloud ~/hsccloud $ which python
/usr/bin/python
q3k/hsccloud ~/hsccloud $ ls -la /usr/bin/python
lrwxrwxrwx 1 nobody nogroup 79 Jan  1  1970 /usr/bin/python -> /nix/store/rlpgv7dca7mm4fzfh5c0xxas6vpqz4dz-hsc
loud-build-usr-target/bin/python
```

So whatever is happening, we end up with the same python.

Could you also do the following?

```
$ ls -la /
total 116
drwxrwxrwt 17 q3k  users  480 Sep 13 17:04 .
drwxrwxrwt 17 q3k  users  480 Sep 13 17:04 ..
lrwxrwxrwx  1 q3k  users   65 Sep 13 17:04 bin -> /nix/store/hvpl9ks4bzd7iabz0m39gwqd6k91zmx-hsccloud-bu
ild-fhs/bin
drwxr-xr-x  8 nobody nogroup 4096 Jan  1  1970 boot
drwxr-xr-x 20 nobody nogroup 3760 Sep 13 17:03 dev
lrwxrwxrwx  1 q3k  users   65 Sep 13 17:04 etc -> /nix/store/hvpl9ks4bzd7iabz0m39gwqd6k91zmx-hsccloud-bu
ild-fhs/etc
drwxr-xr-x  4 nobody nogroup 4096 Oct  4  2020 home
drwxr-xr-x 19 nobody nogroup 4096 Oct 30  2020 host
lrwxrwxrwx  1 q3k  users   65 Sep 13 17:04 lib -> /nix/store/hvpl9ks4bzd7iabz0m39gwqd6k91zmx-hsccloud-bu
ild-fhs/lib
lrwxrwxrwx  1 q3k  users   67 Sep 13 17:04 lib32 -> /nix/store/hvpl9ks4bzd7iabz0m39gwqd6k91zmx-hsccloud-
build-fhs/lib32
lrwxrwxrwx  1 q3k  users   67 Sep 13 17:04 lib64 -> /nix/store/hvpl9ks4bzd7iabz0m39gwqd6k91zmx-hsccloud-
build-fhs/lib64
drwx----- 2 nobody nogroup 16384 Jul 27  2020 lost+found
drwxr-xr-x 10 nobody nogroup 4096 Aug 21 10:54 mnt
drwxr-xr-x  4 nobody nogroup 4096 Jul 27  2020 nix
drwx--xr-x  5 nobody nogroup 4096 Oct  4  2020 opt
dr-xr-xr-x 493 nobody nogroup  0 Sep  5 12:05 proc
drwx----- 10 nobody nogroup 4096 Sep  9 17:42 root
drwxr-xr-x 30 nobody nogroup 1000 Sep 13 17:03 run
lrwxrwxrwx  1 q3k  users   66 Sep 13 17:04 sbin -> /nix/store/hvpl9ks4bzd7iabz0m39gwqd6k91zmx-hsccloud-b
uild-fhs/sbin
drwxr-xr-x  2 nobody nogroup 4096 Jul 27  2020 srv
```

```
dr-xr-xr-x 13 nobody nogroup 0 Sep 5 12:05 sys
drwxrwxrwt 68 nobody nogroup 61440 Sep 13 17:04 tmp
lrwxrwxrwx 1 q3k users 65 Sep 13 17:04 usr -> /nix/store/hvpl9ksz4bzd7iabz0m39gwqd6k91zmx-hscloud-bu
ild-fhs/usr
drwxr-xr-x 9 nobody nogroup 4096 Sep 5 12:06 var
```

**#5 - 09/14/2021 04:38 PM - q3k**

Fixed in <https://gerrit.hackerspace.pl/1096>

**#6 - 09/14/2021 05:44 PM - informatic**

- Status changed from *New* to *Assigned*

- Assignee set to *informatic*

**#7 - 09/14/2021 05:44 PM - informatic**

- Status changed from *Assigned* to *Resolved*