

## hswaw - Bugless #33

### hscloud: nix-shell in hscloud checkout fails to fetch/build/install psycopg2 because it fails to find gcc

03/07/2021 03:08 PM - ar

<b>Status:</b>	Resolved
<b>Priority:</b>	Normal
<b>Assignee:</b>	q3k
<b>Category:</b>	
<b>Description</b>	
<pre>Snip from "nix-shell": ``` building 'psycopg2._psycopg' extension creating build/temp.linux-x86_64-3.8 creating build/temp.linux-x86_64-3.8/psycopg gcc -pthread -Wno-unused-result -Wsign-compare -DNDEBUG -g -fwrapv -O3 -Wall -fPIC -DPSYCOPG_VERSION=2.8.5 (dt dec pq3 ext lo64) -DPG_VERSION_NUM=110010 -DHAVE_LO64=1 -l/nix/store/wkw6fsjars7jbbtlakxxpbiapa8hws42-python3-3.8.7/include/python3.8 -l. -l/usr/include -l/usr/include/server -c psycopg/psycopgmodule.c -o build/temp.linux-x86_64-3.8/psycopg/psycopgmodule.o -Wdeclaration-after-statement unable to execute 'gcc': No such file or directory ```</pre>	
Full log attached in error.log	
nix-info: - system: `x86_64-linux` - host os: `Linux 5.11.1, NixOS, 21.05pre273435.0aeba64fb26 (Okapi)` - multi-user?: `yes` - sandbox: `yes` - version: `nix-env (Nix) 2.3.10` - channels(root): `nixos-21.05pre273435.0aeba64fb26` - channels(arachnist): `""` - nixpkgs: `/nix/var/nix/profiles/per-user/root/channels/nixos`	

## History

### #1 - 03/07/2021 03:56 PM - q3k

- Status changed from New to Accepted
- Assignee set to q3k

Try adding `gcc` and `binutils` to targetPkgs in shell.nix and see if that helps.

You might have to `bazel shutdown` first, Bazel isn't good at figuring out that enough stuff changed in our Nix FHS env to restart automatically.

### #2 - 03/07/2021 04:57 PM - ar

Yup, that fixed it. And, indeed, bazel shutdown was required.

### #3 - 03/07/2021 04:59 PM - q3k

- Status changed from Accepted to Assigned
- Assignee changed from q3k to ar

Please file a CR that fixes it :)

### #4 - 03/11/2021 11:18 PM - q3k

- Assignee changed from ar to q3k

Timed out, fix in gerrit.hackerspace.pl/801.

### #5 - 03/21/2021 09:33 PM - ar

- Status changed from Assigned to Resolved

Works, thanks.

```
[arachnist@khas:~/scm/hscloud]$ nix-shell
INFO: Analyzed 8 targets (0 packages loaded, 0 targets configured).
INFO: Found 8 targets...
INFO: Elapsed time: 0.334s, Critical Path: 0.07s
INFO: 0 processes.
INFO: Build completed successfully, 1 total action
INFO: Analyzed 4 targets (0 packages loaded, 0 targets configured).
INFO: Found 4 targets...
INFO: Elapsed time: 2.543s, Critical Path: 2.30s
INFO: 3 processes: 3 linux-sandbox.
INFO: Build completed successfully, 4 total actions
hscloud-build-chrootenv:arachnist@khas:~/scm/hscloud$
```

## Files

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error.log	95.8 KB	03/07/2021	ar
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