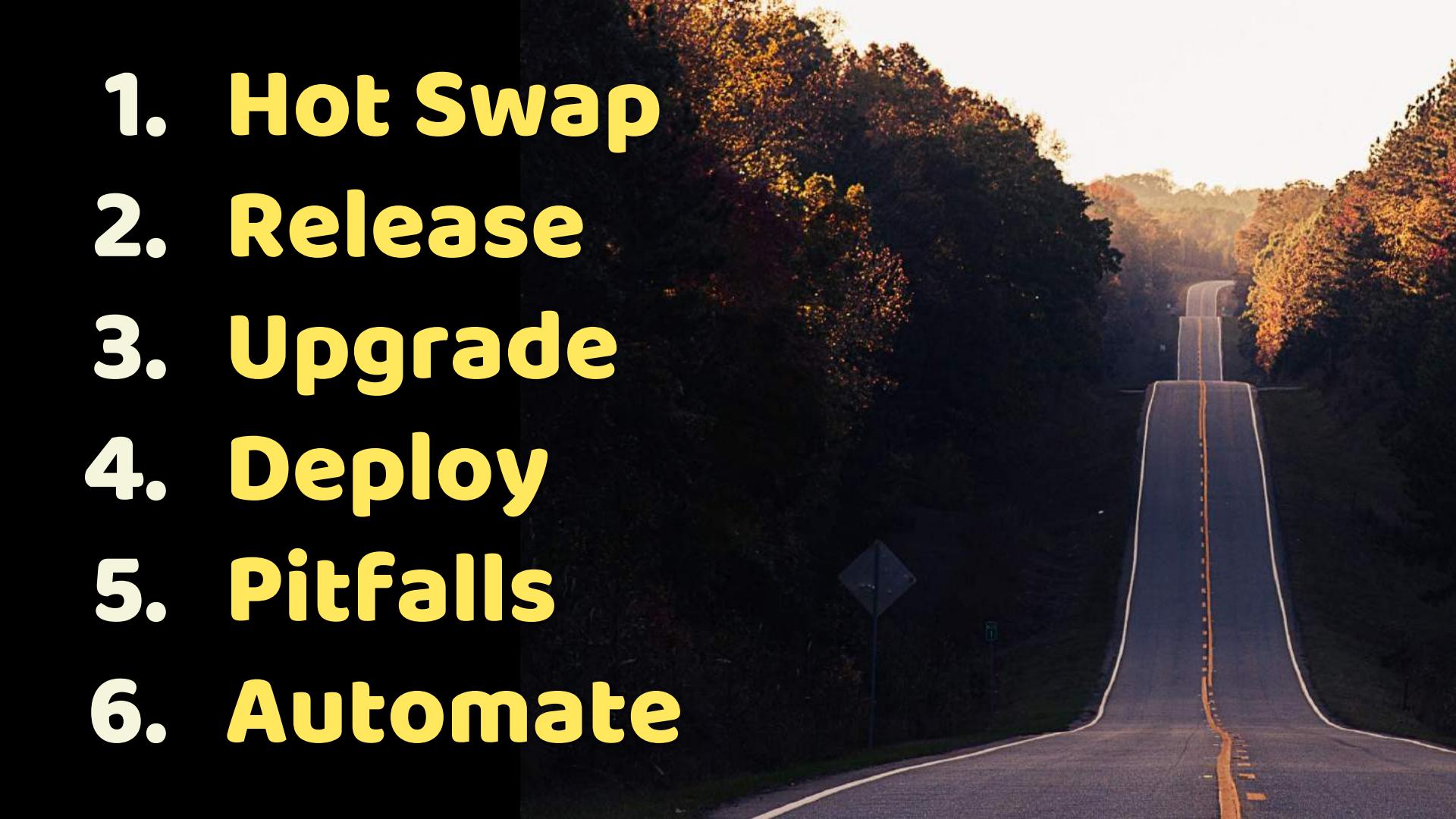


Ship Your Code

*while
it's* **Hot**



Albert zak

- 
1. Hot Swap
 2. Release
 3. Upgrade
 4. Deploy
 5. Pitfalls
 6. Automate

\$ mix start

Hot
steap

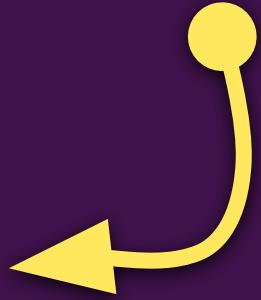




current



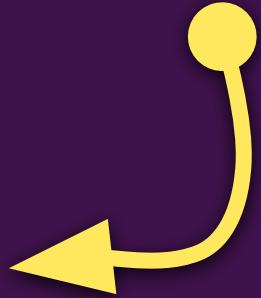
old



current



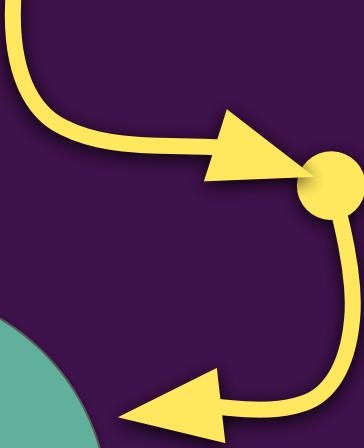
old



current



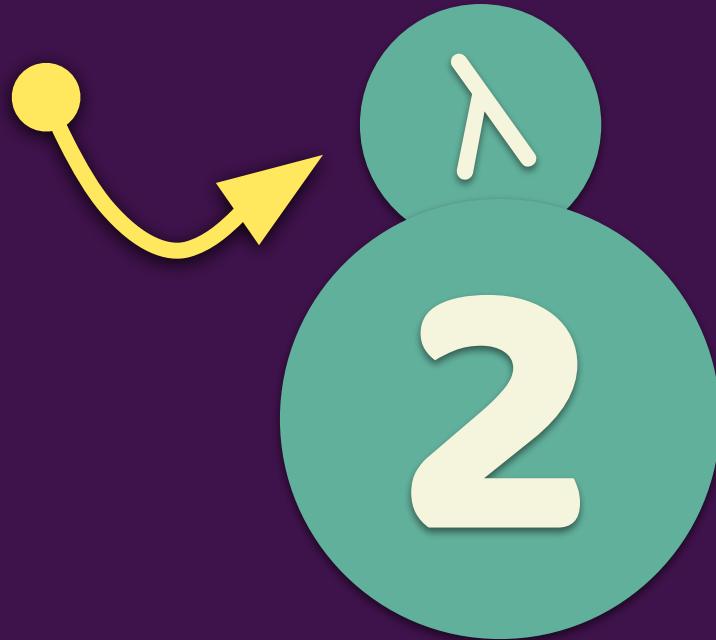
old



current



old



current



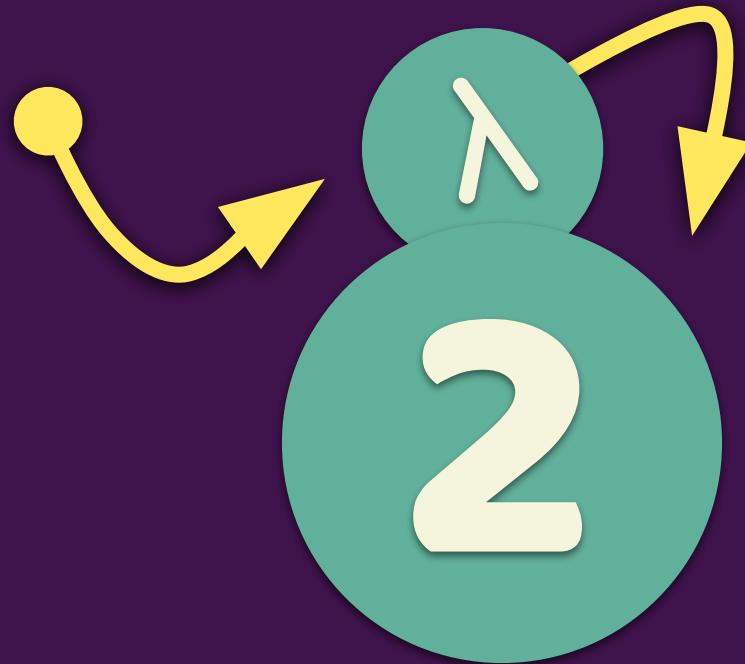
old



current



old



current

```
code_change(old_vsn,  
           old_state,  
           extra)
```

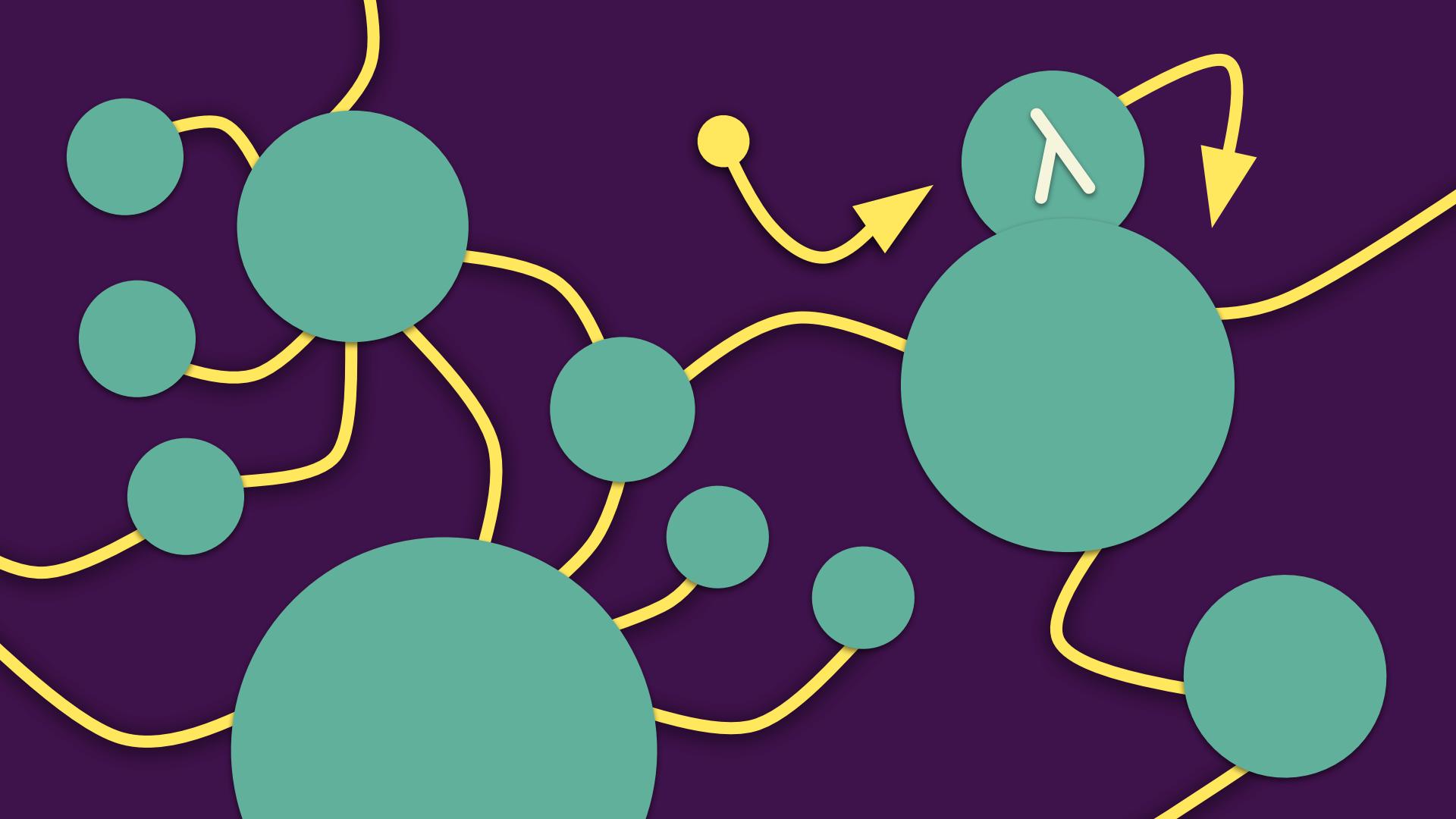


```
code_change( { :down , v} ,  
            old_state ,  
            extra)
```





{:ok, new_state}
{:error, reason}





Release

bin/

erts-9.3/

lib/

releases/

releases/

hey.rel

RELEASES

0.0.1/

releases/

hey.rel

RELEASES

0.0.2/

— relup —

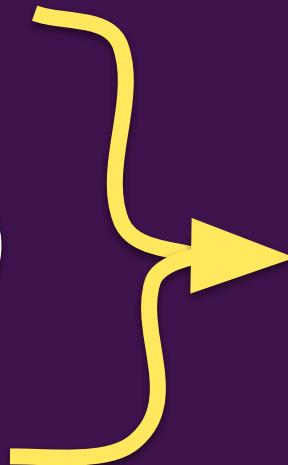
:systools

:release_handler

upgrade



*.appup
*.appup
*.appup



relup

```
{"0.0.2",
[{"0.0.1",
 [{"load_module, 'Elixir.Hey', []}]}],
[{"0.0.1",
 [{"load_module, 'Elixir.Hey', []}]}]}.
```

```
{"0.0.2",
[{"0.0.1", [],
[{:load_object_code,
{hey,"0.0.2",'...'}}},
{:point_of_no_return,
{:load,{`Elixir.Hey`,
:brutal_purge, :brutal_purge}}},
{:load, {...}}}

...
}
```

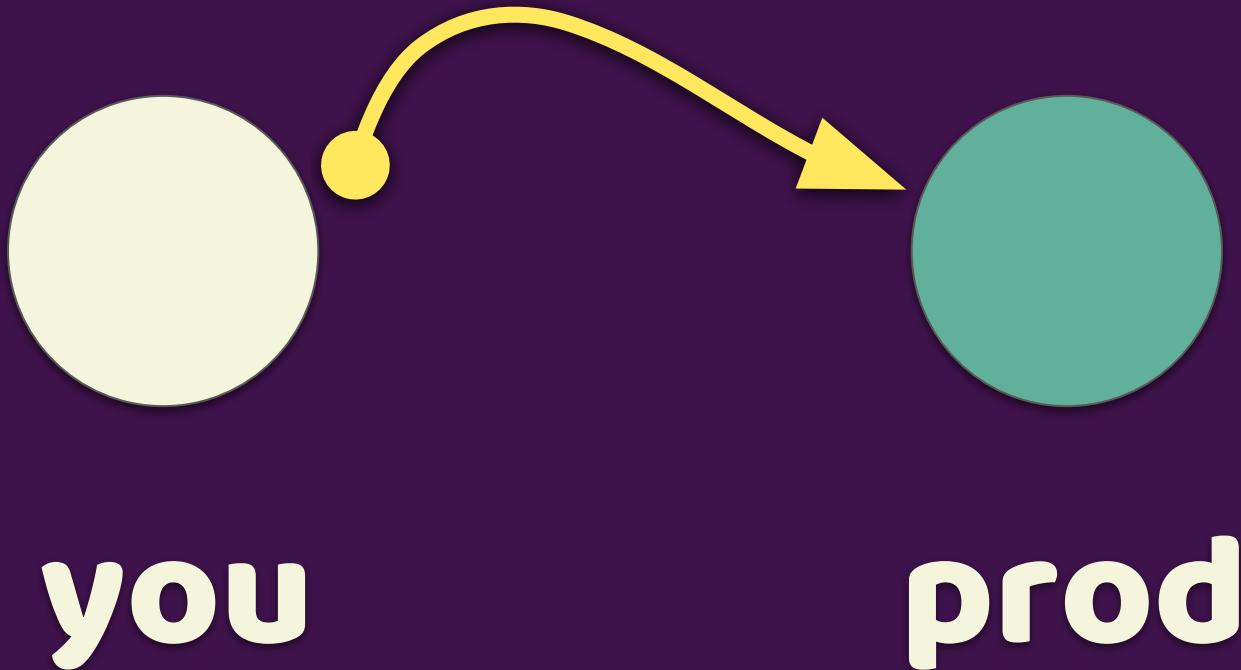
apply

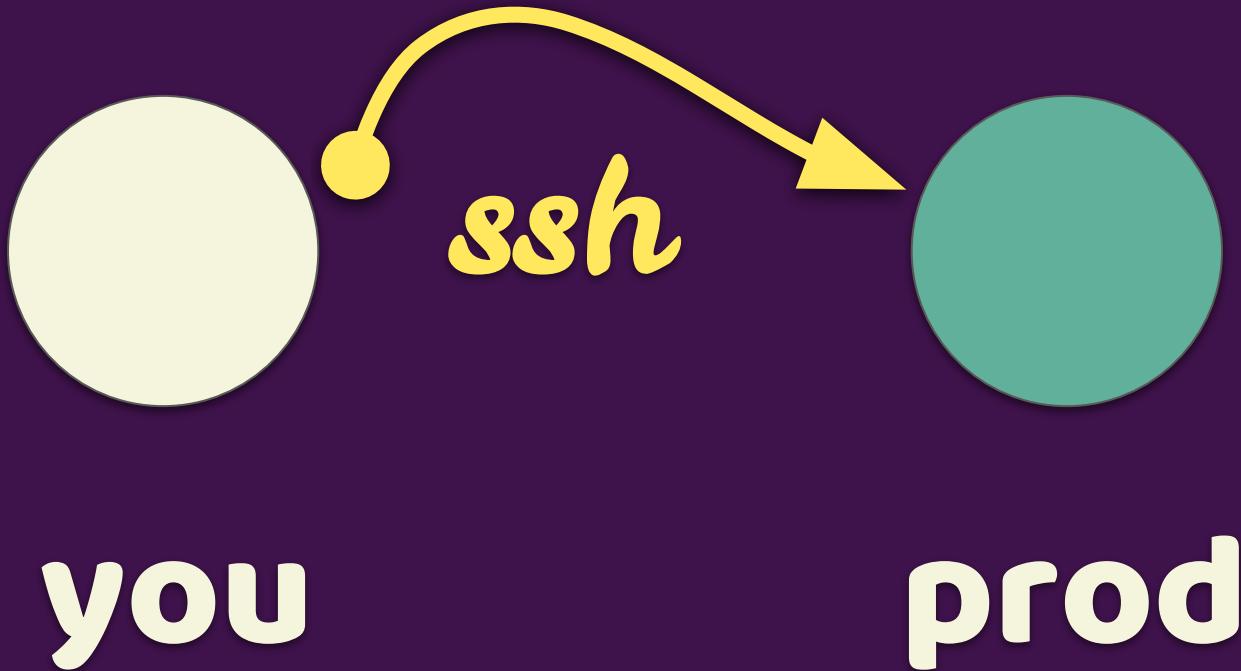
restart_new_emulator

sync_nodes

Deploy.









you

prod

erlexec:
Syntax error:
"(" unexpected

you

prod

Containers



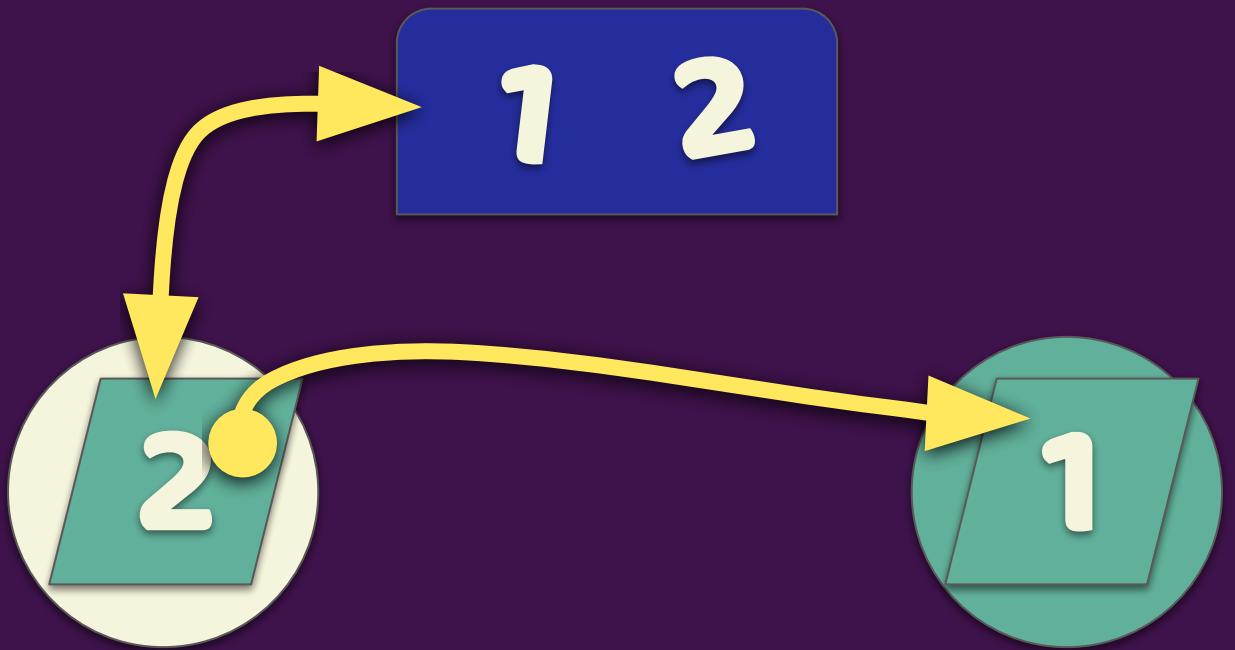
you

prod



you

prod



you

prod

A photograph of a male climber in mid-air, suspended by a rope. He is wearing a red t-shirt, blue shorts, and a climbing harness with a chalk bag. He is looking upwards towards a large, textured rock overhang. The background is dark, suggesting a forested area at night or in deep shadow.

Pitfalls

```
receive do
    :old_msg → :ok
after
    1000 → Mod.loop()
end
```

```
receive do
  :old_msg → :ok
after
  1000 → Mod.loop()
end
```

f n

fn {m, f, a}



Mix Tasks



Migrations

config.exs { :system, v }

Config init/2 ENV
Vault?

vm.args sys.config
REPLACE_OS_VARS

*.appup Generator



1.2.3

1.2.3

c7ae2

1523874000-c7ae2

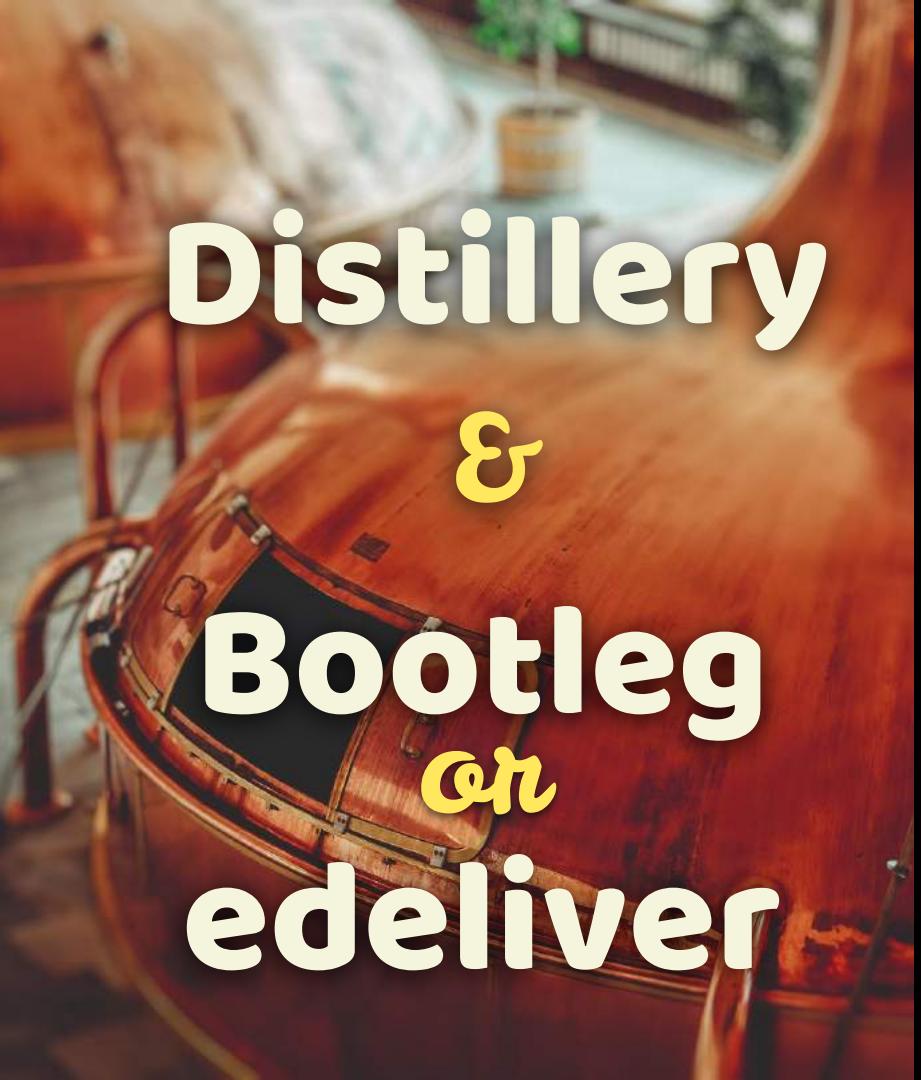
```
git rev-list \  
-1 HEAD \  
--format=%ct-%H -- \  
apps/sub_umbrella  
| grep -v ^commit
```

Automate



Gigalixir

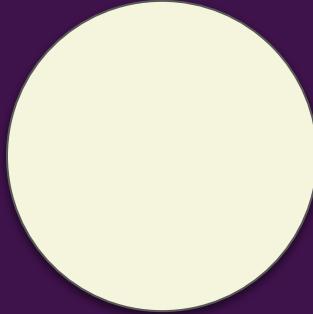




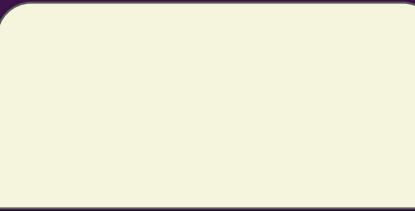
Distillery
&
Bootleg
or
edeliver



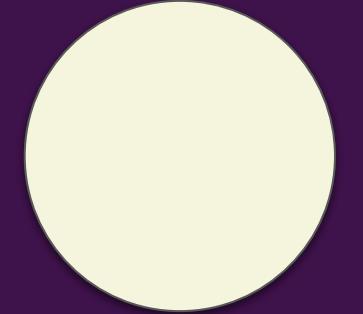
beamup[^]



you



store



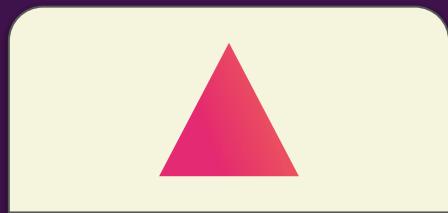
prod

stop

```
$ curl https://get.beamup.io/install | /bin/sh
```

you

prod



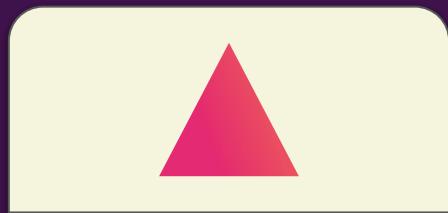
store



you



prod



\$ beamup store

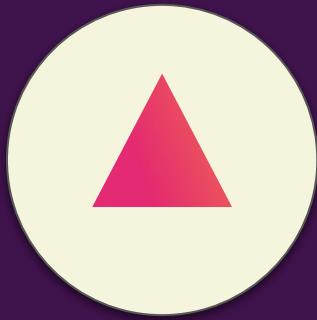
BEAMUP_STORE=https://store
\$ beamup build



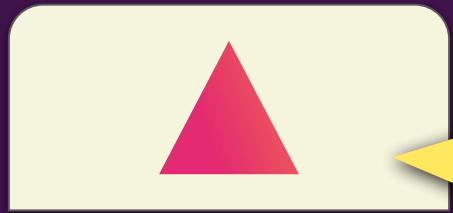
BEAMUP_NODE_RELEASE=hey
BEAMUP_STORE=https://store

\$ beamup node





you

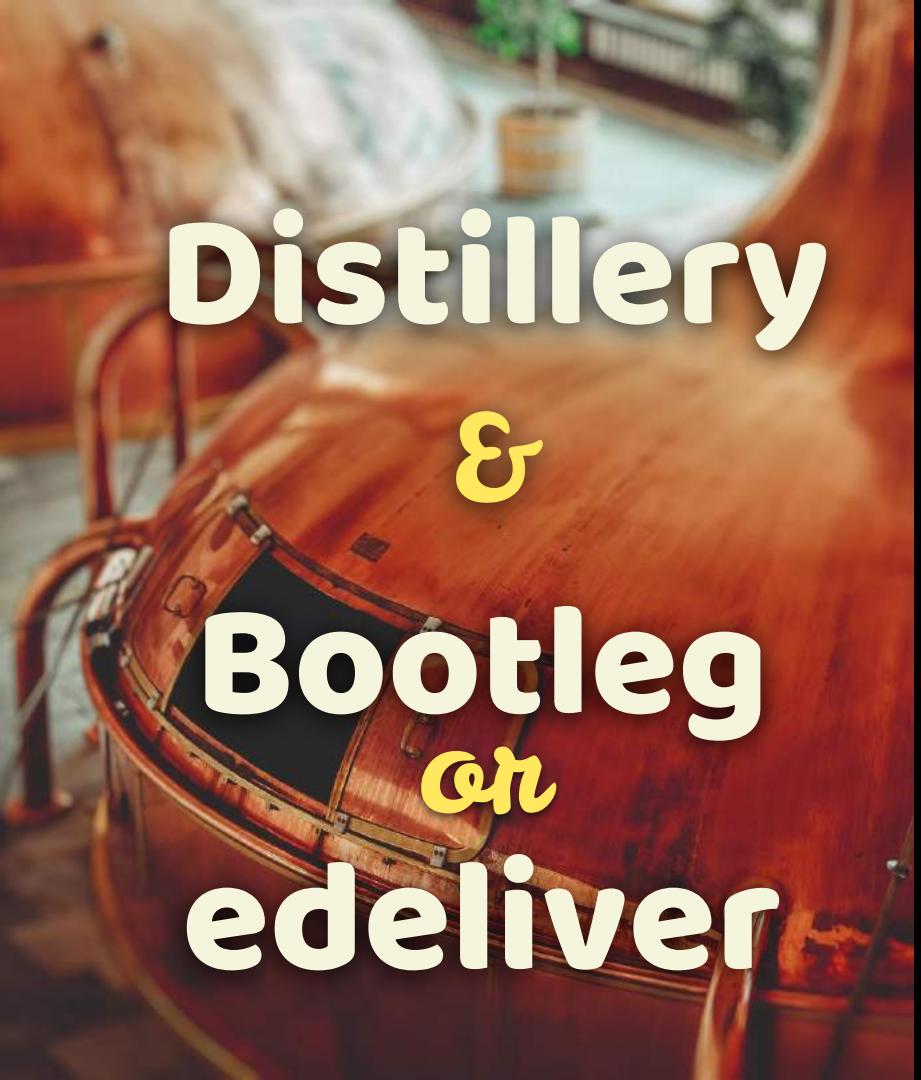


store

prod

pull





Distillery
&
Bootleg
or
edeliver



Thank
you



The background features a dense forest of tall evergreen trees silhouetted against a vibrant sunset. The sky transitions from deep red at the horizon to orange, yellow, and finally a dark teal at the top. A few small white stars are visible in the upper right corner.

Questions

Thank
you



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