



Load Spack and any environment in
a specific `$SPACK_ADMIN` account

Yes

Query SQLite DB to
check if already installed

No

No

Yes

Run "`spack list`" to see
if any available in Spack

No

Run "`spack create`" to
create package file

Fail

Manually Install

Succeed

Run "`spack install`"
to install via Spack

Insert app info
into SQLite DB

Add the app info in JSON file
for general users if needed

Write .lua module file

Run `modulefilter` python script
to make the modulefile in-place

