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# **bob-builder Documentation**

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**Kenneth Reitz**

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Bob-Builder is an *MIT Licensed* binary build framework, written in Python for human beings.

It's effectively a miniaturized version of *Homebrew* — oriented around composable builds, explicit dependencies, and shipping pre-built binaries for workflows like *Heroku buildpacks*.

Bob is powered by Python, Boto, Doctopt, Amazon S3, Bash, and good intentions.

```
$ bob build runtimes/php-5.1.10
Fetching dependencies... found 2:
  - libraries/zlib
  - libraries/libmemcached
=== Fetching PHP v5.1.10 source...
=== Compiling PHP v5.1.10...
...
=== Cleaning up...
Done building runtimes/php-5.1.10.
```

Bob takes all the statefulness and labor out of maintaining a collection of binaries.

And gives you the ability to carefully handcraft the experience.

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