

CRYSTAL



CodeCamp | SF2017

Care to Share

crystal init > CI > share > profit!

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Crystal shards

shard.yml (1/2)

```
name: calculator
version: 0.1.0

authors:
  - John Doe <jdoe@acme.org>

crystal: 0.22.0

license: MIT
```

Crystal shards

shard.yml (2/2)

```
dependencies:
```

```
  db:
```

```
    github: crystal-lang/crystal-db
```

```
    version: ~> 0.4.0
```

```
development_dependencies:
```

```
  sqlite3:
```

```
    github: crystal-lang/crystal-sqlite3
```

Create new Crystal library shard

```
$ crystal init lib calculator
  create calculator/.gitignore
  create calculator/LICENSE
  create calculator/README.md
  create calculator/.travis.yml
  create calculator/shard.yml
  create calculator/src/calculator.cr
  create calculator/src/calculator/version.cr
  create calculator/spec/spec_helper.cr
  create calculator/spec/calculator_spec.cr
```

Testing on Travis CI

.travis.yml

```
language: crystal  
crystal: nightly
```

Generate documentation

```
$ crystal docs
```

```
$ ls doc/
```

```
Calculator.html  css/
```

```
index.html
```

```
js/
```

Publish docs in GitHub pages

```
$ git clone git@github.com:me/calculator.git \  
    --branch gh-pages doc
```

```
$ crystal docs
```

```
$ cd doc
```

```
$ git add . && git commit -m "Docs updated"
```

```
$ git push
```

Format your code!

```
$ crystal tool format  
Format ./src/calculator.cr
```


Format your code!

.travis.yml

```
language: crystal
script:
  - crystal spec
  - crystal tool format --check
```



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