

CRYSTAL



CodeCamp | SF2017

Deployments

It works NOT ONLY on my machine!

manas

academyX

Twentify

sticker mule

Hosting on Heroku

Listen on designated port (using program argument)

```
OptionParser.parse! do |opts|  
  opts.on("-p PORT", "--port PORT", "define port to run  
server") do |opt|  
    port = opt.to_i  
  end  
end
```

```
HTTP::Server.new(port || 8080)
```

Hosting on Heroku

Listen on designated port (using environment variable)

```
port = ENV["PORT"]?.try(&.to_i) || 8080
```

```
HTTP::Server.new(port)
```

Hosting on Heroku

```
myapp $ heroku create --buildpack \  
https://github.com/crystal-lang/heroku-buildpack-crystal.git
```

```
Creating app... done, ⬜ secret-taiga-86698  
Setting buildpack to ...
```

```
myapp $ git push heroku master
```



DEMO: Heroku deploy

Docker

Dockerfile (minimal)

```
FROM crystallang/crystal:0.22.0
```

```
WORKDIR /app
```

```
ADD . /app
```

```
RUN shards build
```

```
CMD bin/server --port 80
```

```
EXPOSE 80
```

Docker

Dockerfile (recommended)

```
FROM crystallang/crystal:0.22.0
```

```
WORKDIR /app
```

```
ADD shard.yml shard.lock /app/
```

```
RUN shards install
```

```
ADD . /app
```

```
RUN crystal build --release -o bin/server src/main.cr
```

```
CMD bin/server --port 80
```

```
EXPOSE 80
```



DEMO: Docker



We are Manas.

We build unconventional software_

<https://manas.tech>