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VIP



Fetch an image from the Docker Registry #HS1 Pending

Complete previous stages to gain access to this stage.



Instructions

[Code Examples](#)[Forum](#)

Your Task Pending

HARD

Your docker implementation can now execute a program with a fair degree of isolation - it can't modify files or interact with processes running on the host.

In this stage, you'll use [the Docker registry API](#) to fetch the contents of a public image on [Docker Hub](#) and then execute a command within it.

You'll need to:

- Do a small [authentication dance](#)
- Fetch the [image manifest](#)
- [Pull layers](#) of an image and extract them to the chroot directory

The base URL for Docker Hub's public registry is `registry.hub.docker.com`.

The tester will run your program like this:

```
mydocker run alpine:latest /bin/echo hey
```

The image used will be an [official image](#) from Docker Hub. For example: [alpine:latest](#), [alpine:latest](#), [busybox:latest](#). When interacting with the Registry API, you'll need to prepend `library/` to the image names.

Since Rust doesn't have an archive extraction utility in its stdlib, you might w

Ready to run tests...

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