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Getting started / Prerequisites

## Prerequisites

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### Requirements

Many features of ClusterFuzz depend on [Google Cloud Platform](#) services (see [this](#) page for more details). However, it's possible to run it locally without these dependencies for testing purposes.

While ClusterFuzz runs on a number of platforms, local development is only supported on **Linux** and **macOS**.

### Getting the code

```
git clone https://github.com/google/clusterfuzz
cd clusterfuzz
```

### Installing prerequisites

#### Google Cloud SDK

Install the Google Cloud SDK by following the instructions [here](#).

#### (Optional) Log in to your Google Cloud account

This is **not** necessary if you are simply running ClusterFuzz **locally**.

If you are planning to set up ClusterFuzz in **production**, you should authenticate your account with the gcloud tool:

```
gcloud auth application-default login
gcloud auth login
```

#### Python programming language

Install Python 2.7. You can download it [here](#).

If you already have Python installed, you can verify its version by running `python --version`. The minimum required version is 2.7.10.

#### Go programming language

Install the Go programming language by following the instructions [here](#).