



INSTALLATION AND CONFIGURATION

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Compiling from Source

The [list of binary releases](#) is available on GitHub. Together with **gcloud**, **minikube**, and **kubeadmin**, these cover several scenarios to get started with Kubernetes.

Kubernetes can also be compiled from source relatively quickly. You can clone the repository from GitHub, and then use the **Makefile** to build the binaries. You can build them natively on your platform if you have a Golang environment properly set up, or via containers or virtual machines.

To build natively with Golang, first [install Golang](#). Download files and directions can be found online.

Once Golang is working, you can clone the **kubernetes** repository, around 500MB in size. Change into the directory and use **make**. See the following commands:

```
$ cd $GOPATH
$ git clone https://github.com/kubernetes/kubernetes
$ cd kubernetes
$ make
```

There may be other software and settings you need in order for the **make** to work properly. Review the output until it completes properly.

The **_output/bin** directory will contain the newly built binaries.

You may find some materials via [GitLab](#), but most resources are on [GitHub](#) at the moment.