

# Terraform

Coming Soon

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**Terraform** <https://www.terraform.io/> allows the definition of infrastructure as code. What this means is that, using a few lines of code we can create a set of virtualised hardware that forms part or the whole of a system. For example we could use **Terraform** to launch two servers, one for as an Encoder and one as a Packager.

Because we are using code, we can essentially automate this process so that we can launch and tear down services or functions as we need them. Although **Terraform** sounds a bit like using batch or macro files, it's way more intelligent, **Terraform** can track changes in a running system, and these can be incorporated as a permanent change, or used to roll back to a known state.

Here we will explore how to create a **Terraform** file to launch a simple Virtual Server. The example will be based on using **Amazon Web Services** for now, and if in time I start to use other providers, I will add them here as well.

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