⌂ <u>KUBERNETES FUNDAMENTALS (LFS258)</u>

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SERVICES
Services

Local Proxy for Development

When developing an application or service, one quick way to check your service is to run a local proxy with **kubectl**. It will capture the shell, unless you place it in the background. When running, you can make calls to the Kubernetes API on localhost and also reach the ClusterIP services on their API URL. The IP and port where the proxy listens can be configured with command arguments.

Run a proxy (command and output below):

$ kubectl proxy

Starting to serve on 127.0.0.1:8001

Next, to access a **ghost** service using the local proxy, we could use the following URL, for example, at **http://localhost:8001/api/v1/namespaces/default/services/ghost**.

If the service port has a name, the path will be
http://localhost:8001/api/v1/namespaces/default/services/ghost:<port_name>.