

# JBCN Conf '18 Workshops:

Prerequisites for Workshops:

- [Building continuous delivery for Microservices with Jenkins X](#)
- [Real Life Cloud Native Java in Kubernetes](#)

During this workshops we will be using GCE Kubernetes enabled clusters.

You can create a free (300USD credit) account in Google Cloud by accessing this link:  
<https://console.cloud.google.com/freetrial>

This requires a Google Account.

Then you need to create a project and where you enable the Kubernetes Engine.

If you are planning to attend to the Jenkins X workshop you can avoid creating the cluster, because this will be created as part of the workshop. If you are not planning to attend the Jenkins X workshop please run after installing [jenkinsx.io](#):

```
> jx create cluster gke --kubernetes-version=1.9
```

You will need to have a cluster set up in your laptop order to follow the steps proposed in the workshop.

To use Jenkins X CLI tool you will need to have a **Mac OSX or Linux** environment ready to work. If you are running on Window\$ we recommend using a VM like Virtual Box and Ubuntu -> <https://www.lifewire.com/run-ubuntu-within-windows-virtualbox-2202098>

## Required tools

We are going to be showing some examples that you can also run locally, we recommend to have the following tools available:

- GIT and a Github account
- JDK 1.8+
- Maven 3+
- (Optional) NPM/Node if you want to run the UI project locally
- (Optional) Docker (if you want to try to run things locally)
- (Optional) Postman App / cURL for executing requests against the services

Because we will be on a shared environment we will try to use as less wireless as possible. We strongly recommend having all the tools already in your environment.