

## Hyperledger Composer Playground Alternates

We hope you all are having an amazing experience with learnings on Blockchain. We would like to bring your attention to one of the major announcements.

As of March 2020, the online IDE for Hyperledger Composer available at a URL by IBM is deprecated and no more available. IBM has previously announced the deprecation of Composer.

This deprecation is from the end of IBM only and Composer is still available as open-source software for other developers to build on future updates.

Online Hyperledger Composer is only an IDE that helps you develop the Composer applications fast. As this is currently removed, here are the alternate methods:

### A. Installing Hyperledger Composer Playground Locally

1. If you've previously tried Composer online, you might have seen the browser app "Playground". You can also run this locally on your development machine too, which will provide the same set of tools. You can run the following command within your Linux environment to install Hyperledger Composer Playground:  
`npm install -g composer-playground@0.19`
2. Now, you can run this tool locally by using the following command. Make sure Hyperledger Fabric is Install and Running as shown in the course before you start Composer Playground: It will typically open your browser automatically, at the following address: <http://localhost:8080/login>

### B. Installing Hyperledger Composer IDE with Visual Studio

The browser app can be used to work on your Business Network code, most users might prefer to work in a traditional IDE.

You can use VSCode, with the Composer extension:

1. Install VSCode from this URL: <https://code.visualstudio.com/download>
2. Open VSCode, go to Extensions, then search for and install the Hyperledger Composer extension from the Marketplace.

### C. Developing Hyperledger Composer over the Terminal:

If you are familiar with the code editors like VIM or NANO, you can also use these Unix based text editors to write the code and deploy it over Hyperledger Fabric.

All the Best

Do Look in for the announcements, as we would be providing video update for this announcement.