

# Gitpod

If you're more of a cloud-based developer, you can skip all the installation steps and work directly with our Gitpod environment. This environment includes a LocalFhenix instance and all the tools you need to dive in.

## Usage

You can run an instance of LocalFhenix in Gitpod by [clicking here](#).

After opening the the Gitpod container and starting up the instance, you will be greeted with the following terminal:

Please wait for about 60 seconds for the image to be downloaded and localfhenix to be started. Once the container is ready, you will see the following message:

Now that we are ready, you can use the pre-configured contract to interact with the LocalFhenix instance. You can find the contract in the `contracts` folder.

## Deploy a contract

To deploy a contract, you can use the following command:

```
npx hardhat deploy
```

## Interact with a contract

### Send a transaction

To interact with our counter contract, you can use the predefined hardhat tasks:

```
npx hardhat task:addCount --amount 10
```

### View Functions

To view the current count, you can use the following command:

```
npx hardhat task:getCount
```

If everything was successful, you should see output similar to the following:

```
gitpod /workspace/fhenix-hardhat-example (master) npx hardhat task:getCount Running getCount, targeting contract at: 0xbeb4eF1fcEa618C6ca38e3828B00f8D481EC2CC2 got count: 10 got unsealed result: 10
```

## Next Steps

To learn more about the Fhenix Hardhat Plugin, please visit the [Fhenix Hardhat Plugin](#) or learn more about [Developing dApps with Fhenix](#). [Edit this page](#)

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[Hardhat](#)