

## Create and Invoke Using Bluemix CLI

### 1- Download and install the Bluemix CLI:

```
curl -fsSL https://clis.ng.bluemix.net/install/linux | sh
```

For more information visit [here](#).

### 2- Log in to IBM Cloud:

```
bx login -a region -o "myemail@example.com" -s "dev"
```

example:

```
bx login -a api.eu-gb.bluemix.net -o "myemail@example.com" -s "dev"
```

### 3- Test it:

```
bx wsk action invoke /whisk.system/utils/echo -p message hello --result
```

### 4- example for creating a java action:

Assume that you developed a code like example.jar .

Creating the function will be like this:

```
ibmcloud fn action create example example.jar --main Example
```