

First, we need to setup our workstation to have a docker image that we can use to mimic codebuild in the wild. For this I've setup nodejs, but you can browse the binaries and freely use whichever you want.

Below is a simple list of commands to get setup.

Note to self: scripting this may be useful in the future

```
# Local Codebuild
```

```
Reference:
```

```
[https://aws.amazon.com/blogs/devops/announcing-local-build-support-for-aws-codebuild/](https://aws.amazon.com/blogs/devops/announcing-local-build-support-for-aws-codebuild/)
```

```
### Locally pull available codebuild images
```

```
git clone https://github.com/aws/aws-codebuild-docker-images.git
```

```
### Browse for the binary you're looking for
```

```
cd aws-codebuild-docker-images
cd ubuntu/{BINARY}
docker build -t aws/codebuild/{BINARY}:{VERSION} .
```

```
### Pull codebuild locally
```

```
docker pull amazon/aws-codebuild-local:latest --disable-content-trust=false
```

```
### Install the codebuild script to do local magic
```

```
wget
https://raw.githubusercontent.com/aws/aws-codebuild-docker-images/master/local_builds/codebuild_build.sh
```

```
chmod +x codebuild_build.sh
```

```
### Optionally..
```

```
mv codebuild_build.sh /usr/local/bin/codebuild
```

```
## Usage
```

```
codebuild_build.sh [-i image_name] [-a artifact_output_directory]  
[options]
```

```
### Example Usage
```

```
codebuild -i aws/codebuild/{BINARY}:{VERSION} -a  
/path/to/artifacts -s /path/to/src
```

Once installed, the usage is actually brilliantly simple:

```
codebuild -i aws/codebuild/nodejs:10.14.1 -a /path/to/artifact -s  
/path/to/src -b /path/to/buildspec.yml
```

1. Your path to artifact is where you want the artifact to be “downloaded” to.
2. Your buildspec can be named anything as long as it follows the conventions; I typically have `buildspec.yml` for production, and `buildspec-{env}.yml` for others, because unfortunately codebuild does not support native environment variables for this yet (if it does and I’m missing it, please point me in the right direction!)

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