

Python Hello World

Use the official Python alpine image

Create a simple Python script that prints "Hello Docker!"

Make the script run when the container starts

```
[root@localhost ~]# echo 'print("Hello Docker")' > app.py
[root@localhost ~]# vi Dockerfile
[root@localhost ~]# docker build -t hello-dicker
ERROR: docker: 'docker buildx build' requires 1 argument

Usage:  docker buildx build [OPTIONS] PATH | URL | -

Run 'docker buildx build --help' for more information
[root@localhost ~]# docker build -t hello-dicker .
[+] Building 77.9s (7/7) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 164B
=> [internal] load metadata for docker.io/library/python:3-alpine
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 115B
=> [1/2] FROM docker.io/library/python:3-alpine@sha256:18159b2be11db91f84b8f8f655cd860f805dbd9e49a583ddaac8ab39bf4fe1a7
=> => resolve docker.io/library/python:3-alpine@sha256:18159b2be11db91f84b8f8f655cd860f805dbd9e49a583ddaac8ab39bf4fe1a7
=> => sha256:652f96392acd4765fb86260badd593f64c7346b51ebff6263b6cbab936aa6e90 1.73kB / 1.73kB
=> => sha256:ece12c7dbf45e449905acd1b349b0cb14bc0c5c33ad6619130504d38e650e2a1 5.13kB / 5.13kB
=> => sha256:f18232174bc91741fdf3da96d85011092101a032a93a388b79e99e69c2d5c870 3.64MB / 3.64MB
=> => sha256:c7ea9f6d786a34c70a27f31e30faa9a7ef9919f9befcaa30134bc6a9e225bd2d 460.19kB / 460.19kB
=> => sha256:008685971843f4083d919f28961187eb5c024c882c9ee36a50c24d587a882844 12.56MB / 12.56MB
=> => sha256:18159b2be11db91f84b8f8f655cd860f805dbd9e49a583ddaac8ab39bf4fe1a7 9.02kB / 9.02kB
=> => sha256:ce1e180clf7cdac3f712aefba965960eddb78954ff6a003926faf075411a3129 248B / 248B
=> => extracting sha256:f18232174bc91741fdf3da96d85011092101a032a93a388b79e99e69c2d5c870
=> => extracting sha256:c7ea9f6d786a34c70a27f31e30faa9a7ef9919f9befcaa30134bc6a9e225bd2d
=> => extracting sha256:008685971843f4083d919f28961187eb5c024c882c9ee36a50c24d587a882844
=> => extracting sha256:ce1e180clf7cdac3f712aefba965960eddb78954ff6a003926faf075411a3129
```

```
=> => naming to docker.io/library/hello-dicker
[root@localhost ~]# docker run -t hello-dicker
Hello Docker
[root@localhost ~]#
```

```
FROM python:3-alpine
COPY app.py /app.py
CMD ["python", "/app.py"]
```