

Title: How to pass ARG value to ENTRYPOINT?

Post Body:

Docker 1.9 allows to pass arguments to a dockerfile. See link: <https://docs.docker.com/engine/reference/builder/#arg>

How can i pass the same arugments within ENTRYPOINT Instruction??

My dockerfile has

```
ARG $Version=3.1
ENTRYPOINT /tmp/folder-$Version/sample.sh start
```

I am getting an error while creating container with above dockerfile. Please suggest what is the correct way to specify the argument within ENTRYPOINT instruction??

Accepted Answer:

Like *Blake Mitchell* sais, you cannot use ARG in ENTRYPOINT. However you can use your ARG as a value for ENV, that way you can use it with ENTRYPOINT:

#### Dockerfile

```
ARG my_arg ENV my_env_var=$my_arg ENTRYPOINT echo $my_env_var
```

and run:

```
docker build --build-arg 'my_arg=foo' ...
```

Highest Rated Answer:

Short answer: you need to use ENV

Both ARG and ENV are not expanded in ENTRYPOINT or CMD. (<https://docs.docker.com/engine/reference/builder/#environment-replacement>) However, because ENVs are passed in as part of the environment, they are available at run time, so the shell can expand them. (This means you can't use the array form of ENTRYPOINT or CMD.)

Here is an example:

```
$ cat arg/Dockerfile FROM debian:jessie ARG FOO=bar ENTRYPOINT echo ${FOO:-foo} $ sudo docker build arg Sending build context
```