Title: Is Docker ARG allowed within CMD instruction

Post Body:

I have a Dockerfile where an `ARG` is used in the `CMD` instruction:

`ARG MASTER_NAME CMD spark-submit --deploy-mode client --master ${MASTER_URL}`

The arg is passed via docker-compose:

```
  spark:      build:        context: spark       args:          - MASTER_URL=spark://master:7077
```

However, the `ARG` does not seem to get expanded for `CMD`. After I `docker-compose up`.

Here's what inspect shows:

`docker inspect  -f '{{.Name}} {{.Config.Cmd}}' $(docker ps -a -q) /spark {[/bin/sh -c spark-submit --deploy-mode client --mast`

Accepted Answer:

The thing is that `args` only can be used at build time, and the `CMD` is executing at run time. I guess that the only approach now to achieve what you want is setting an environment variable in the Dockerfile with the `MASTER_NAME` value.

`ARG MASTER_NAME ENV MASTER_NAME ${MASTER_NAME} CMD spark-submit --deploy-mode client --master ${MASTER_NAME}`

Highest Rated Answer: None