

## Section 3. „Dockerfile Commands – ENV, LABEL, USER”

Commands:

Dockerfile.var:

```
FROM python
```

```
ENV NEW hello
```

```
$ docker build -t var -f Dockerfile.var .
```

```
$ docker run --rm var env
```

```
$ docker run --rm --env NEW="hi there" var env
```

```
$ export NEW="Mamma mia"
```

```
$ docker run --rm --env NEW var env
```

```
$ unset NEW
```

```
$ docker run --rm --env NEW var env
```

Dockerfile.user:

```
FROM python
```

```
RUN groupadd mysql && useradd -g mysql mysql
```

```
USER mysql
```

```
RUN id
```

```
$ docker build -t user -f Dockerfile.user .
```

```
$ docker run --rm user id
```

Dockerfile.label:

```
FROM python
```

```
LABEL maintainer=kris@mycompany.com
```

```
LABEL com.mycompany.version="0.7"
```

```
LABEL com.mycompany.production="true"
```

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```
$ docker build -t label -f Dockerfile.label .  
  
$ docker inspect -f "{{json .Config.Labels}}" label  
  
$ docker images --filter "label=com.mycompany.production"  
  
$ docker images --filter "label=com.mycompany.production=true"
```