

# Package ‘dockerfiler’

April 18, 2018

**Title** Easy Dockerfile Creation from R

**Version** 0.1.1

**Description** Build a Dockerfile straight from your R session. 'dockerfiler' allows you to create step by step a Dockerfile, and provide convenient tools to wrap R code inside this Dockerfile.

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**URL** <https://github.com/ColinFay/dockerfiler>

**BugReports** <https://github.com/ColinFay/dockerfiler/issues>

**Imports** attempt, glue, R6

**Suggests** covr, testthat, knitr, rmarkdown

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.0.1

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

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Dockerfile

*A Dockerfile template*

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**Description**

A Dockerfile template

**Usage**

Dockerfile

**Format**

An object of class R6ClassGenerator of length 24.

**Value**

A dockerfile template

**Methods**

RUN add a RUN command  
ADD add a ADD command  
COPY add a COPY command  
WORKDIR add a WORKDIR command  
EXPOSE add an EXPOSE command  
VOLUME add a VOLUME command  
CMD add a CMD command  
LABEL add a LABEL command  
ENV add a ENV command  
ENTRYPOINT add a ENTRYPOINT command  
VOLUME add a VOLUME command  
USER add a USER command  
ARG add an ARG command  
ONBUILD add a ONBUILD command  
STOPSIGNAL add a STOPSIGNAL command  
HEALTHCHECK add a HEALTHCHECK command  
STOPSIGNAL add a STOPSIGNAL command  
SHELL add a SHELL command  
MAINTAINER add a MAINTAINER command  
custom add a custom command  
write save the Dockerfile  
switch\_cmd switch two command  
remove\_cmd remove\_cmd one or more command(s)

**Examples**

```
my_dock <- Dockerfile$new()
```

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**r***Turn an R call into an Unix call*

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**Description**

Turn an R call into an Unix call

**Usage**

```
r(code)
```

**Arguments**

code            the function to call

**Value**

an unix R call

**Examples**

```
r(print("yeay"))  
r(install.packages("plumber", repo = "http://cran.irsn.fr/"))
```

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