

# Sample qoma.smuggler program

```
library(qoma.smuggler)
library(rhli)
```

```
if(!open_hli())knitr::knit_exit()
```

Linux 4.9.0-4-amd64 #1 SMP Debian 4.9.65-3+deb9u1 (2017-12-23) GNU/Linux

R version 3.5.0 (2018-04-23)

Joy in Playing

x86\_64-redhat-linux-gnu

```
lubridate      1.7.4
qoma.smuggler  0.0.1
rhli            0.0.2.9000
tibble         1.4.2
FAME HLI       11.63000
```

```
dbname <- paste(Sys.getenv("FAME"),"util","driecon",sep="/")
cat(dbname)
```

/opt/pkg/fame116linux/util/driecon

```
famedata <- read_fame(dbname)
```

read\_fame() returns 55 objects from /opt/pkg/fame116linux/util/driecon

```
cat(famedata$get_meta('GDP'))
```

SERIES GDP : PRECISION BY DATE(ANNUAL) 1929 to 2002

GROSS DOMESTIC PRODUCT

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BILLIONS OF CURRENT DOLLARS

U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS

'SURVEY OF CURRENT BUSINESS' AND OTHER MATERIALS

U.S. NATIONAL INCOME & PRODUCT ACCOUNTS - TABLE 1.1,1.3,1.5,1.9

```
txtfile <- file.path(tempdir(),"tmp.txt")
dbfile <- file.path(tempdir(),"tmp.db")
write_fame(dbfile,famedata)
```

write\_fame() stored 55 objects in /tmp/RtmpinoKne/tmp.db

[1] TRUE

```
status <- Integer(-1)
cmd <- Character(paste(
  "open<acc read>\\"",dbfile, "\" as db; ",
  "output<acc over>\\"",txtfile, "\"; ",
  "whats gdp;",
  "output terminal; ",
  "close db; ",
  sep=""))
```

```
cfmfame(status, cmd)
cat(readLines(txtfile), sep = '\n')
```

GDP

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Class: SERIES	DB name: DB
Type: PRECISION	Created: 20-Aug-18
Index: DATE:ANNUAL	Updated: 20-Aug-18
First Value at: 1929	Observed: AVERAGED
Last Value at: 2002	Basis: DAILY

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```
close_hli()
```

```
[1] TRUE
```

```
file.remove(txtfile)
```

```
[1] TRUE
```

```
file.remove(dbfile)
```

```
[1] TRUE
```