Time Series Database Interface Illustrations (packages in Development)

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This vignette has sketches of packages in development. These do not work and the example code is not run! If you are interested in helping with any of these packages, please contact the package maintainer (Paul Gilbert).

1 TSsdmx (with various data sources)

TSsdmx provides an interface that is consistent with *TSdbi* for using sdmx objects returned by some servers.

```
> require("TSsdmx")
> require("tfplot")
> con <- TSconnect("sdmx", dbname="FRB")
> z <- TSget("G19.79d3b610380314397facd01b59b37659", con=con)
> tfplot(z, Title="From Federal Reserve Board")
> TSdescription(z)
> z <- TSget("H3.a0e6e4ca4fd8cd3d7227e549939ec0ff", con=con)
> tfplot(z, Title="From Federal Reserve Board")
> TSdescription(z)
> con <- TSconnect("sdmx", dbname="ECB")
> # monthly data
> z <- TSget("122.ICP.M.U2.N.000000.4.ANR", con=con )
> z <- TSget("122.ICP.M.U2.N.000000.4.INX", con=con )
> tfplot(z)
> con <- TSconnect("sdmx", dbname="BoC")
> z <- TSget(c("CDOR", "OIS", "SWAPPEDTOFLOAT"), con=con)
> tfplot(z, Title="From Bank of Canada")
> TSdescription(z)
```

2 TSjson (with Statistics Canada)

TSjson provides an interface that is consistent with *TSdbi* for using json objects returned by some servers, or passed by servers that provide a proxy interface to

other databases. *TSjson* does not support writing data to the database.

```
> require("TSjson")
> require("tfplot")
> # user/passwd host from file ~/.TSjson.cfg
> con <- TSconnect("json", dbname="statcan")
> # quarterly
> x <- TSget("v498086", con)
> tfplot(x)
```