

SciViews package for R

And it's Suite of Applications for Windows

A GUI for R An alpha Windows version is available at <http://www.sciviews.org/SciViews-R>

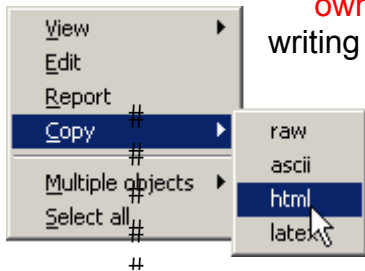
The SciViews R package implements functions for a GUI layer in R, plus some functionalities to ease cross-software communication (importation, exportation, multi-format copy and paste, ...)

The Sciviews R Console interfaces these functions, and provides add-ons GUI features to Rgui (currently for Windows platform only).

Same fonctionnalities, same commands as Rgui are embedded in an extended GUI...

... with dockable windows providing an **object browser**, **electronic reference cards**, **graph galleries**, **menus**, etc.

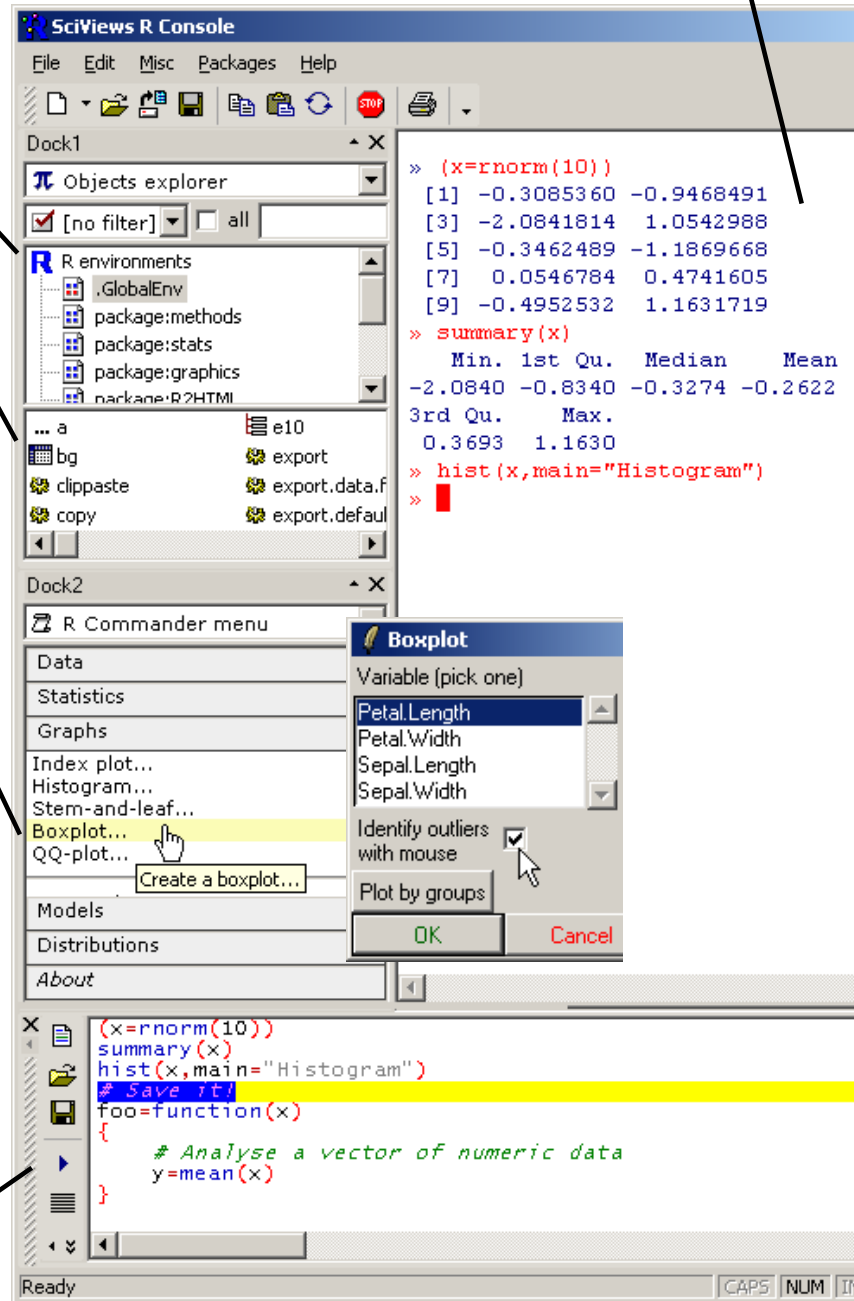
From a contextual menu, you access many operations like visualisation, edition and exportation of objects. You can even **add your own functions** by writing pure R code.



R Console interacts with a specific version of John Fox's **R Commander** package by the way of a dockable, tabbed menu. You can also write your own toolbars or (HTML) menus. In fact, you can easily use SciViews R Console as a GUI for **any R application** you develop in R.



R Console has a built-in **script editor**. Syntax colouring, help on function, completion lists, drag&drop from the object browser and on-the-fly code submission provide comfortable programming.



Toggle between RConsole and classic Rgui – simply press **ctrl-H** and all those GUI add-ons vanish – press again, they come back at their previous place.



An add-on package for R (>= 1.9.0)
The R project for Statistical Computing
<http://www.r-project.org>

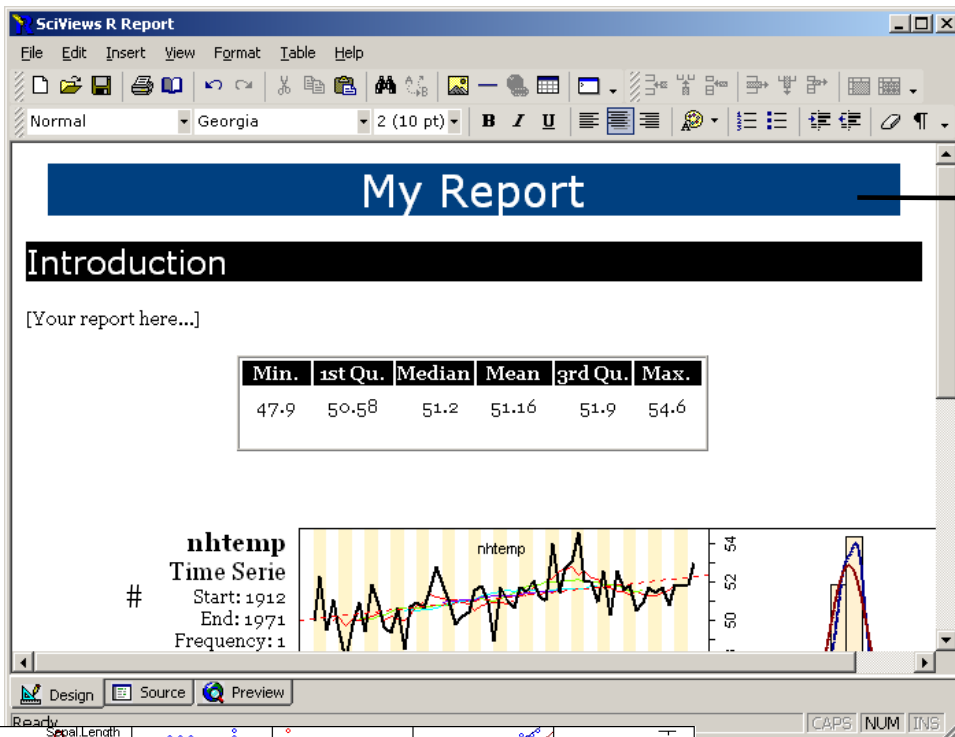
SciViews Companion Applications

Communicate!

Each companion application communicates with R Console and R!

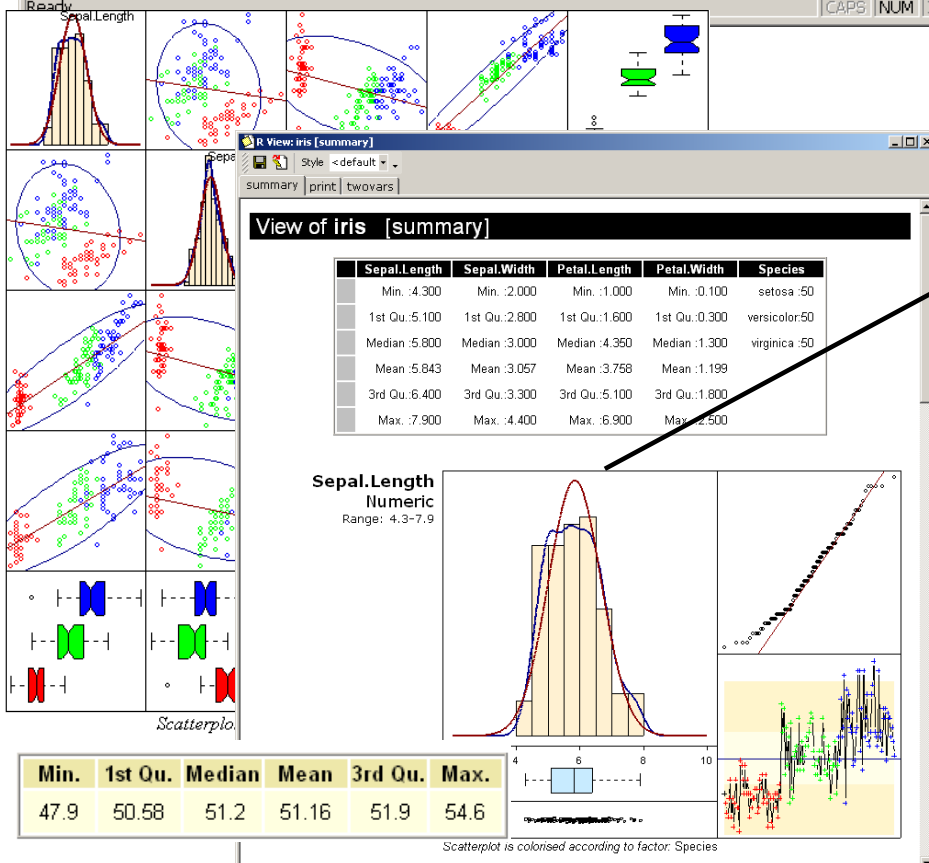
The new SciViews R package is much simpler than SciViews Insider (our previous GUI application), and it focuses on most wanted GUI features for R.

The code is partly rewritten to be platform-independent (R, HTML, jscript). The SciViews package is designed to ease and promote writing of platform-independent companion applications in Tcl/Tk, GTK, wxWidgets, Aqua, etc...



The R Report application is a lightweight **HTML editor** in which you can directly insert results and graphs from the SciViews R Console.

Edit your HTML report in a WYSIWYG way, append results from your analysis in R and publish it on the Web! Thanks to the **R2HTML** package, tables, graphs and text are instantly formatted.



Use **views** and the viewer windows to explore your data. Define your own views in pure R code that combine text, tables and graphs.

Suggested views rely on CSS (Cascaded Style Sheets), which allows changing the look of the views instantly, and possibly match your HTML report formatting.

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