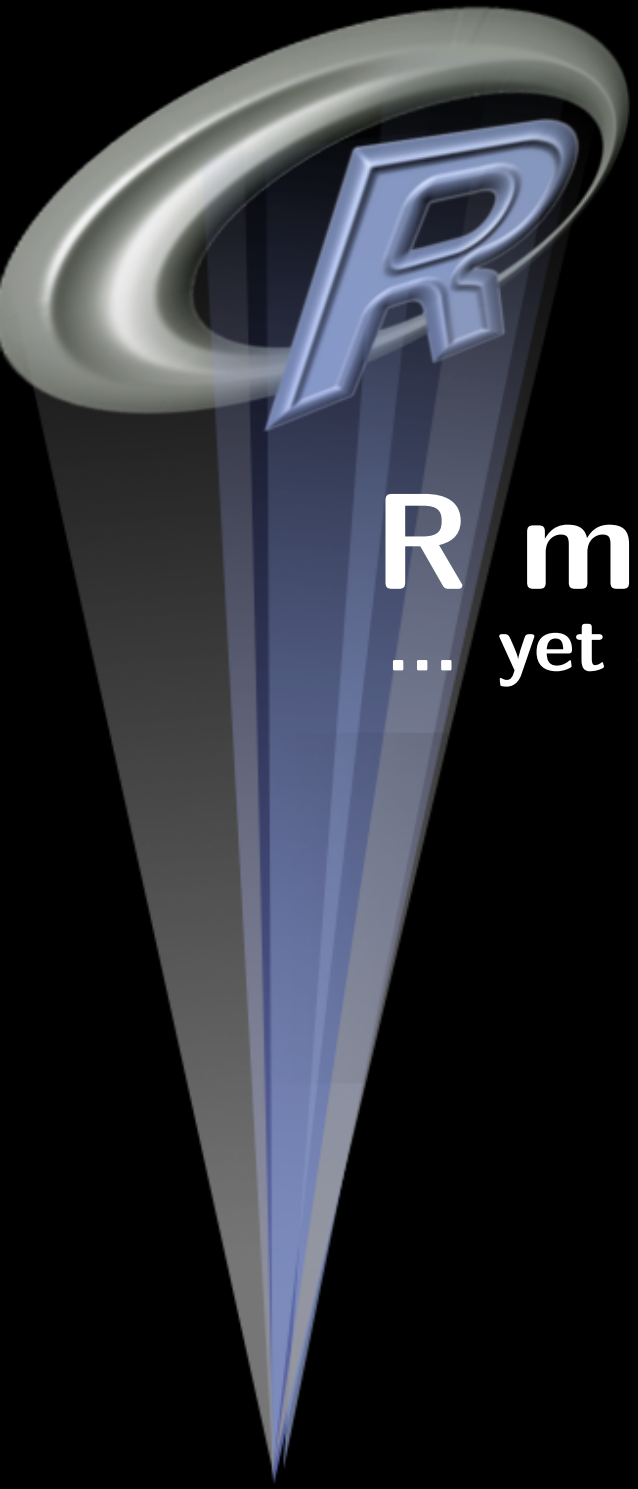

R meets JEdit

... yet another R editor ?

Romain François

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About me

Experience with R

- Statistician
- R user for about 8 years
- Involved in development of several R packages
- Maintainer for R Graph Gallery
  `http://addictedtor.free.fr/graphiques`
- Professionnal R programmer at Mango Solutions (2006-2008)
- Independent R contractor since august 2008

Jedit

General information

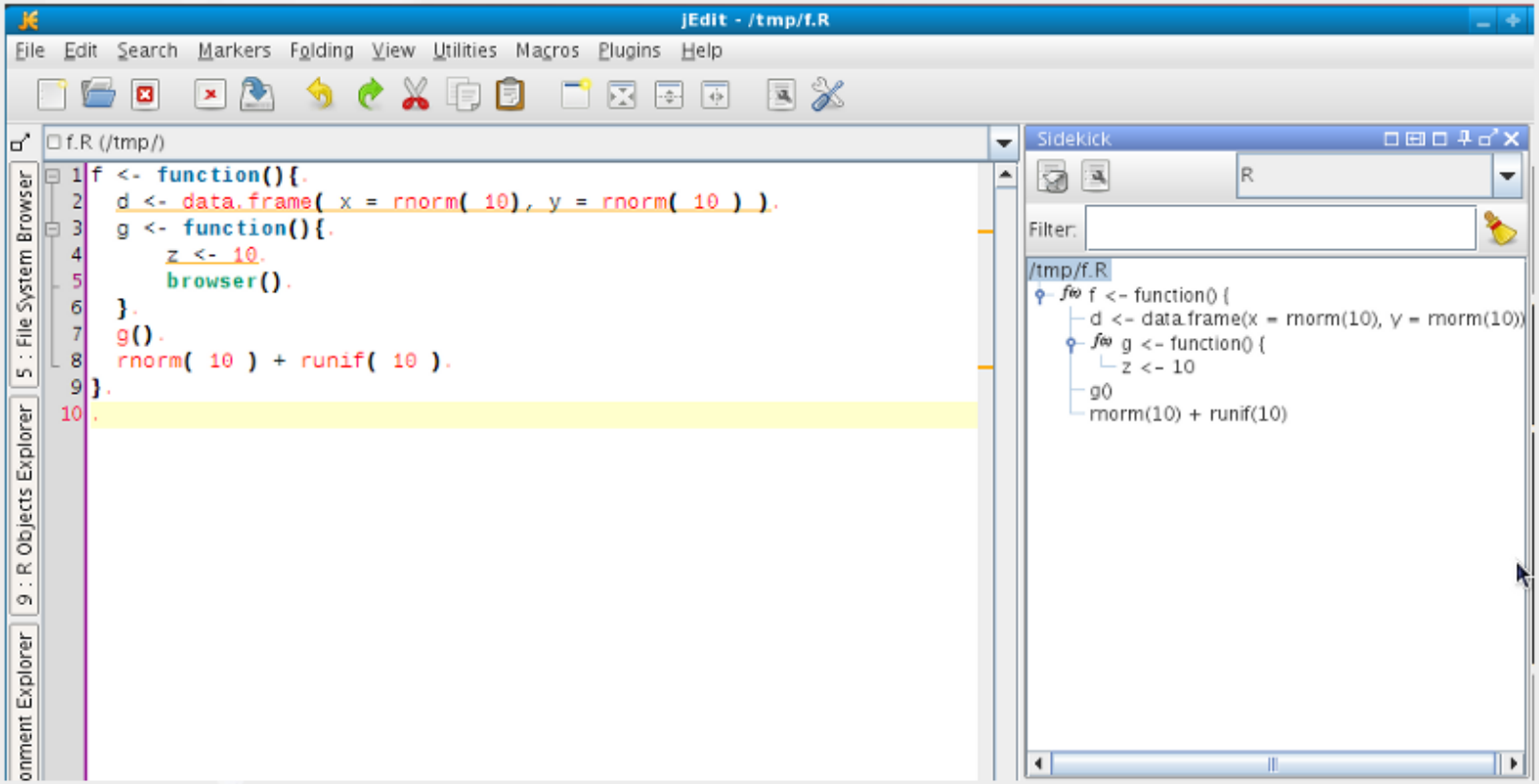
- *open source (GPL) licencing model*
- *maintained by a core team*
- *plugin oriented*
- java (swing) based
- Maintained at Sourceforge
- `http://www.jedit.org/index.php`

Features Tour

- Console
- Tree outline of source code
- Display of syntax errors and warnings
- Completion popups
- Synchronization
- Object Browser
- Debugger

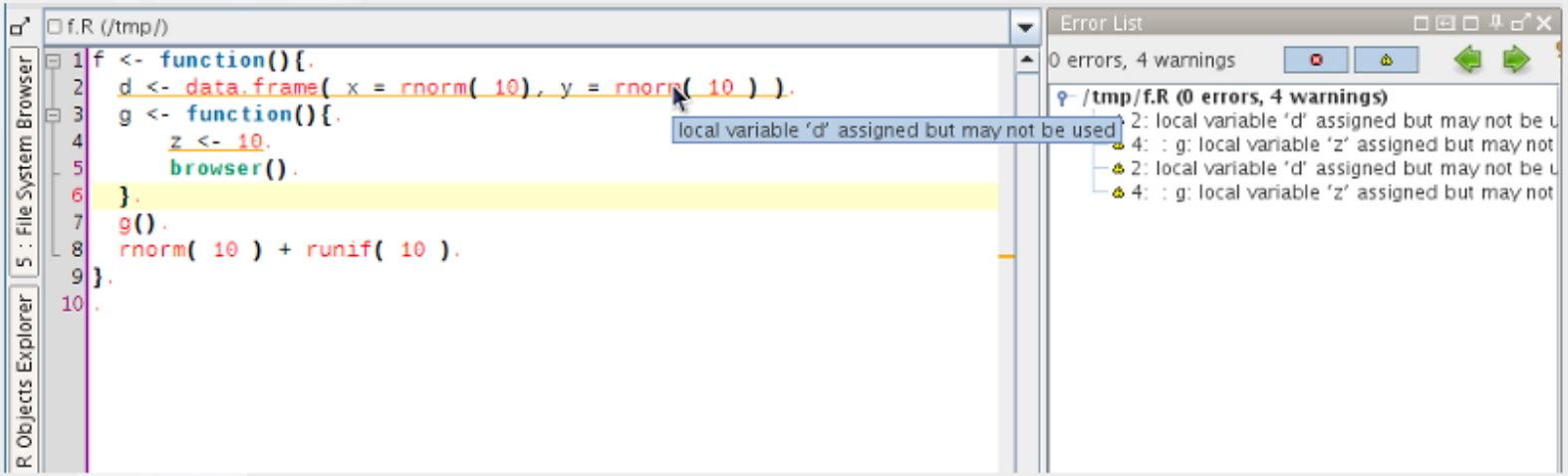
Features Tour - Tree display

Summarizes the source code in a tree display based on the output from the R parser



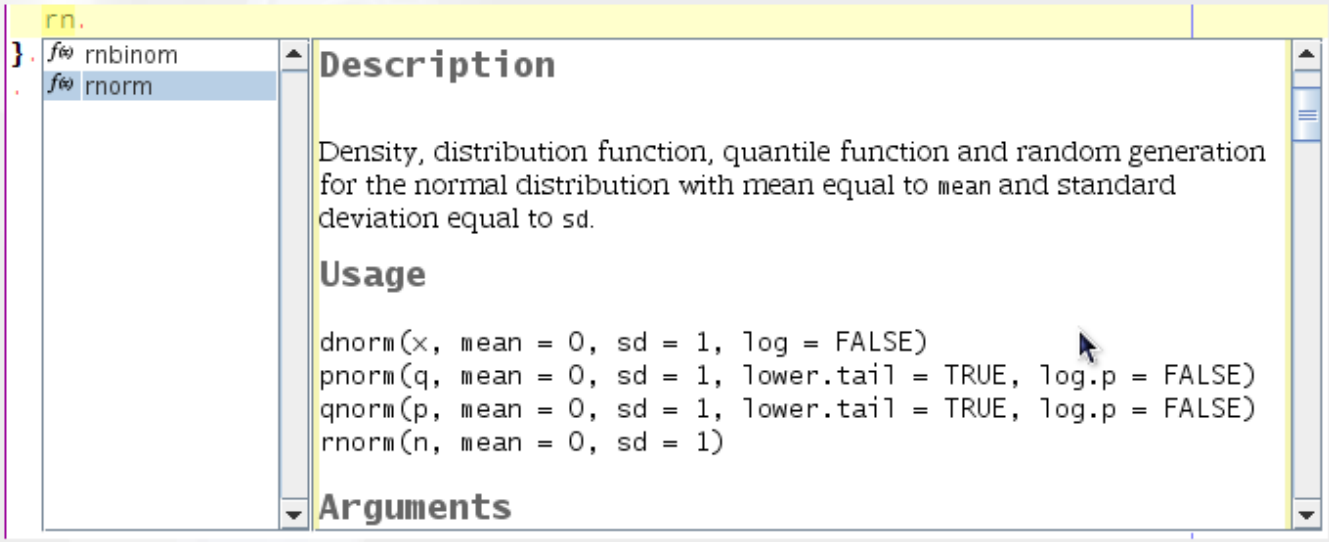
Features Tour - Error List

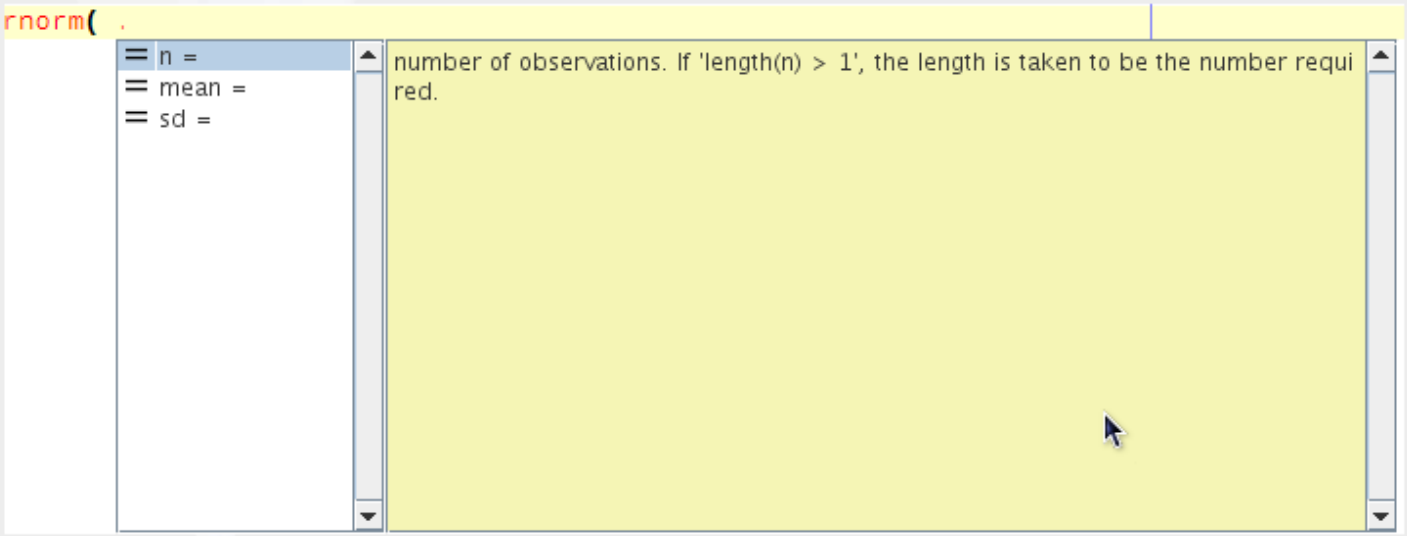
Provides visual integration of the codetools package.



Features Tour - Completion Popups (1)

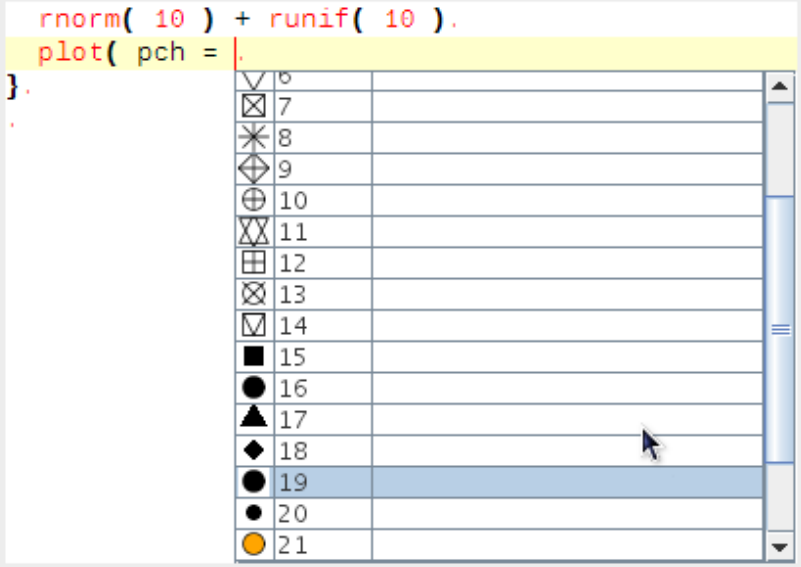
Completion Information - The R help system at your fingertips

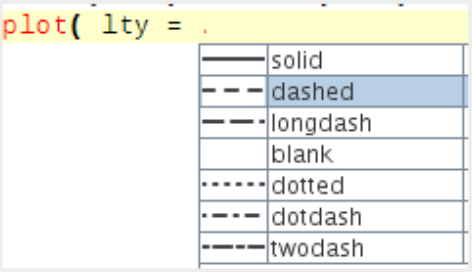




Features Tour - Completion Popups (1)

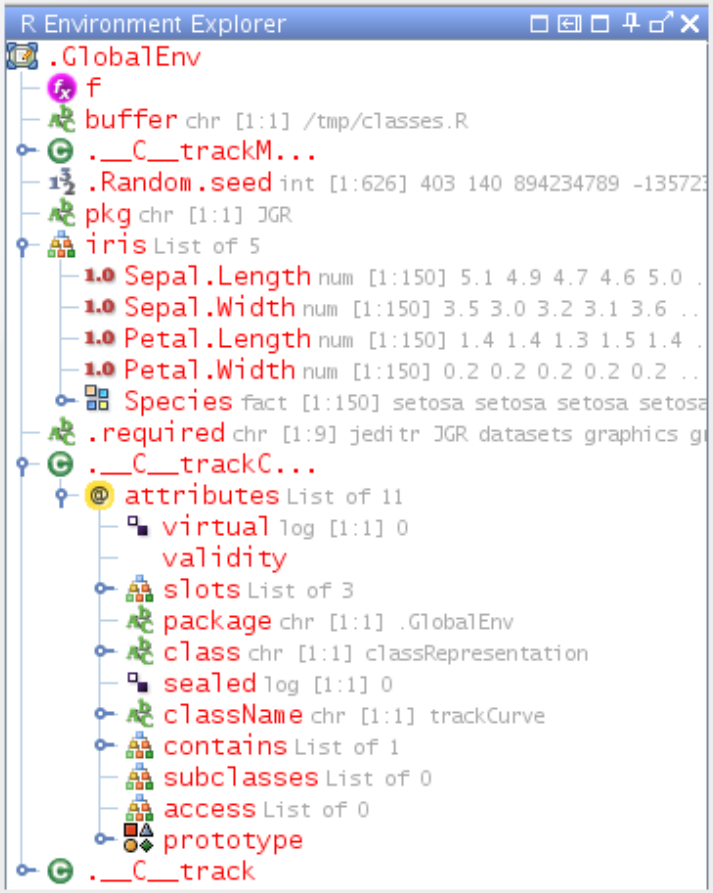
Completion Information - Other helper completions for graphics





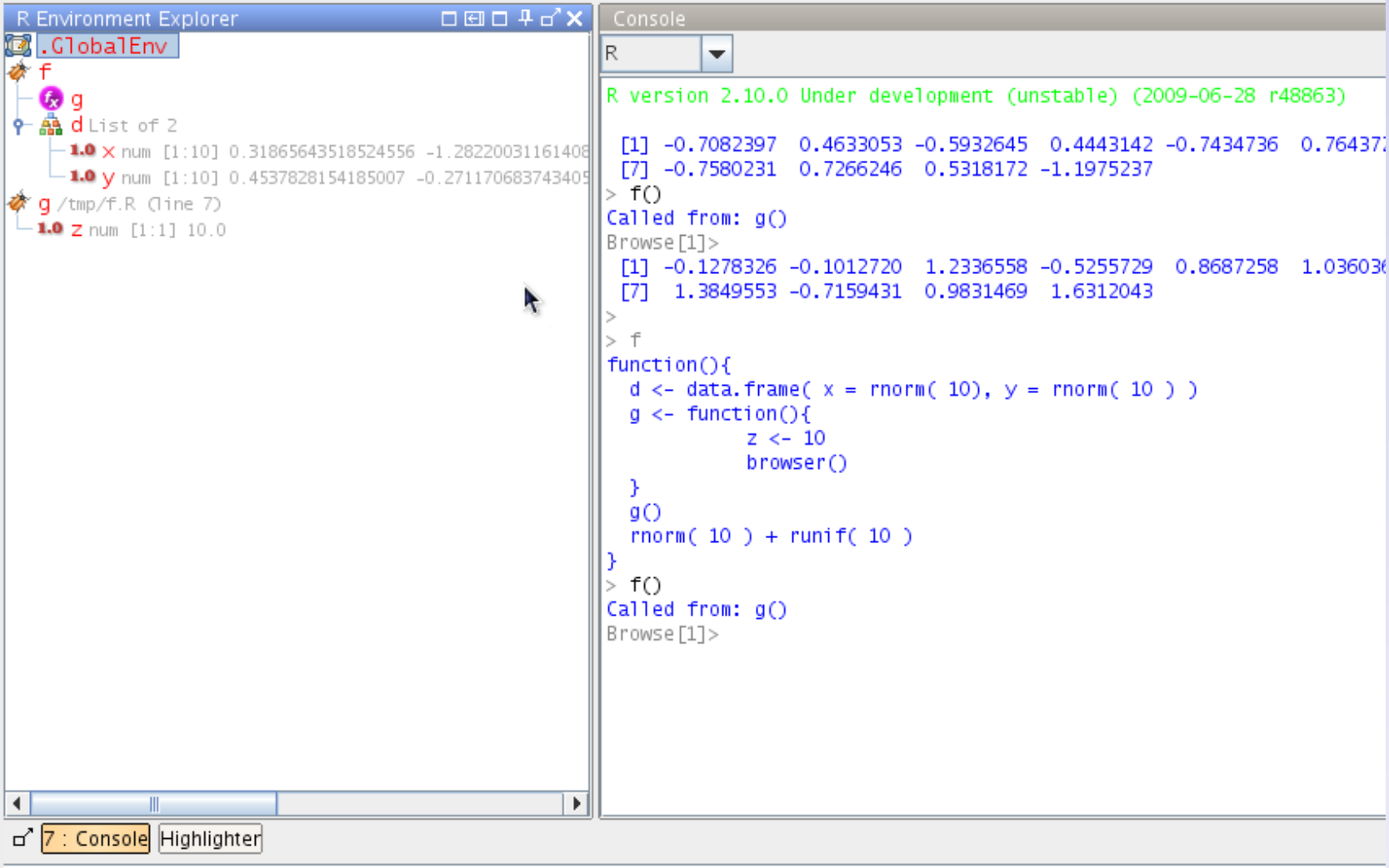
Features Tour - Object browser

Object browser



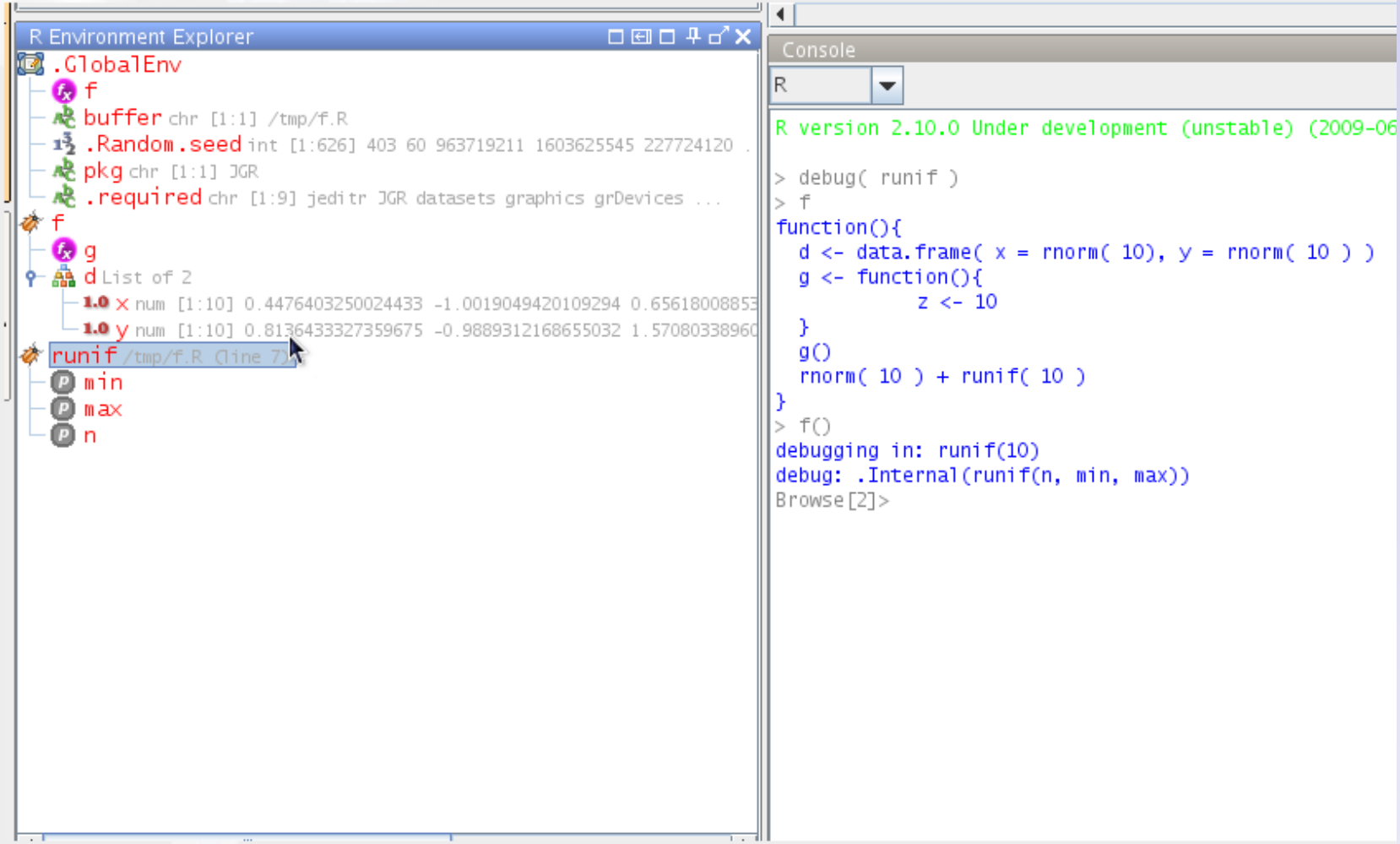
Features Tour - Debugger

Integrated Debugger - Visual display of the browser,debug,recover family



Features Tour - Debugger

Integrated Debugger - Visual display of the browser,debug,recover family



Future Features

- *Package Developer, builder, installer*
- *Unit test integration*
- *Profiler*
- *Data editor*
- *Support for Sweave*
- *Integrated and Resource aware help system*

Questions ?

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