

# RICE Quick start / Manual

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## Quick Start RICE (RACER Interactive Client Environment), build 26

### *Step 1:*

**Start Racer** in a separate window (simply type racer, no command line options)

### *Step 2:*

- Either: Run RICE from the command line with “*java -jar rice.jar*” (Requires JAVA 2 i.e. Java 1.3 or higher)
- Or: Use web start. This is highly preferred, as it will automatically provide you with the latest version. You must trust the application, but I promise that you can (no guarantees though, but every intrusion or damage is unintended)

### *Step 3:*

Use Tools→Options to configure the ip-number and port on which Racer is listening, and whether you want RICE to autoconnect to this client at startup.

Check Tools→Connect to make the connection with racer (this is done automatically if needed, but this allow you to test the connection, or to disconnect by unchecking).

Connecting to Racer also displays any already loaded TBoxes in Racer.

With Tools→Logging you can turn logging traffic on and off.

Use File→Open File... to select a file.

Use File→Open URL... to load a KB from a URL.

Navigate through the tree.

Selecting a name of a concept retrieves instances (if any), showing them on the right.

You can type commands in the textfield above the "Submit" button.

Press "Submit" to have your command (which is the *selected* text in the textfield, or *all* text if nothing is selected) sent to the racer server and executed. The results are shown in the lower textfield.

Type a concept expression and press “preClassify” to have Racer position this concept (which is the selected text in the textfield, or all text if nothing is selected), showing its parents, possible parents, potential children, and coordinate concepts.

For your convenience, you can use CTRL+SHIFT+C to copy the text of the selected node in the tree to the clipboard.

Use File→Exit to quit

Send questions or comments to:

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### **New features in this release (build 26; January 20, 2003)**

20030120      All concepts can be presented in an alphabetical list (sorted per tbox), from which a concept can be selected.

**Bug Fixes in this release:**

20030119 It seems that TBox-selection may initialize unintended.  
Fixed in RACER-1-7-7.

**Bugs & wishes:**

20030119 Elaborate on preclassification  
20030119 Allow multi-line commands, or multiple commands, to be submitted to RACER  
20030119 Setting current TBox and ABox correctly, when RACER is also used by e.g. OilEd.  
20020611 Sometimes the textboxes don't process input. This seems to be a java-bug, but it has to be explored further.  
20020408 Aboutbox doesn't show in JDK1.4 under SUN, and hangs the application  
20020320 Processes cannot be interrupted.

**Previous Bug Fixes and introduced features:**

20030119 "All" button added to show all instances for the selected ABox.  
20030119 Opening a DAML file works, but currently only when connected to RACER on the same machine. Opening DAML-files from a URL needs to be done.  
20030107 Add Menu options for new (RACER-1-7-6) features.  
20030107 Graphical representation of ABox for Windows and Linux  
20020820 You can now search for a concept by typing the concept name.  
20020820 Double-clicking a concept to expand was buggy.  
20020820 Problems with parentheses in strict symbols are fixed.  
20020819 Tools → Logging allows you to enable logging of messages sent to RACER  
20020819 Tools → Connect now also initializes the tree, showing the DEFAULT model (if any) loaded by RACER  
20020819 Tools → Options... now offers "autoconnect" feature, so that RICE connects to RACER at startup.  
20020819 RICE now supports url-based concept names.  
20020814 If a TBox without ABoxes is loaded, RICE no longer tries to get instances when a node in the tree is selected.  
20020814 Nodenames starting with "http" are now treated correctly. Spaces still remain problematic.  
20020629 Client Logging enabled. To see the requests sent to RACER, set the property "racer.clientLogging" in .rice.properties to true.  
20020614 Nodes can be reloaded, using CTRL+R or Edit→Reload selected node. If no node is selected, the whole tree is reloaded.  
20020611 The instancelist is now sorted  
20020611 "Flush" functionality added: this can sync racer and rice, in case you notice that results from racer are not the replies to your queries. This occurs mainly when an error has occurred or when a rice client has been terminated previously.  
20020502 Using multiple Tboxes and Aboxes is now (almost☺) fully supported.  
20020520 Some processes (tbox-satisfiability and tree initialization) have been made threaded. Others will follow...  
20020520 Progressbar added

20020520 “Load URL” menu added. The “Reopen” menu automatically distinguishes URLs from files.

20020520 The tree is positioned to show the (first) concept that an instance instantiates.

20020520 Unsatisfiable concepts are no longer displayed in the tree.

20020507 Maintains a list of Most Recently Used Documents, to be opened from the “Reopen” Menu.

20020507 Some properties are stored in the file .rice.properties in the user-home directory. This facilitates configuration of default racer ip-address and port.

20020502 Font selection dialog added

20020502 Web Start facility

20020502 Selecting an instance automatically selects the related concept(s)

20020319 *No labels* Fields are provided with labels.

20020320 *File load works only when client and racer run on same machine.* If RACER runs on IP-address 127.0.0.1 (i.e. localhost), the “racer-read-file” command is used. Otherwise the selected file is parsed to RACER.

20020319 *Not tested.* I have to thank Ameen, Volker and Ralf for being guinea pigs! However, no formal testing methods are (yet) applied!

20020319 *No support.* The source code is now provided, so you can be self-supported! I’ll try to help if I can, however.

20020411 If any text is selected, the submit and preclassify buttons only process the selection. Otherwise, all text in the textbox is processed.

20020409 Also runs under JDK1.4 Windows (other platforms not tested)

20020408 The confusing default tree no longer appears

20020404 *Current date incorrectly appears as build date:* Correct build date set.

20020403 Submit checks the number of parentheses.

20020403 Insert Menu with many commands, for convenience

20020320 *No Exit button, actually, no menu bar at all:* see new features

20020319 *No version information:* see the about box

20020319 *No documentation:* this is documentation, isn’t it?

20020320 *Multi-line terms cause submit to hang e.g.:*  
*(concept-subsumes? sister*  
*aunt):* Newline characters are replaced by spaces before sending the command

20020320 Menu bars instead of buttons for manipulations

20020320 About Box added

20020320 Components size with window size

20020320 PreClassify Button added

20020319 *Only run under Windows 2000:* Runs under Linux