

**NAME**

koi8rxterm – X terminal emulator for KOI8-R environments

**SYNOPSIS**

**koi8rxterm** [ *xterm-options* ]

**DESCRIPTION**

**koi8rxterm** is a wrapper around the **xterm(1)** program that invokes the latter program with the “KOI8R-Term” X resource class set. All arguments to **koi8rxterm** are passed to **xterm** without processing; the **-class** and **-k8** options should not be specified because they are used by the wrapper. See the **xterm** manual page for more information on *xterm-options*.

The environment’s locale settings (see “ENVIRONMENT” below) are used to discern the locale’s character set. If no current locale can be determined, the locale “ru\_RU.KOI8-R” (the Russian language as used in the territory of Russia, with the KOI8-R character set) is assumed. The **locale(1)** utility is used to determine whether the system supports the selected locale. If it does not, **koi8rxterm** will exit with an error and report the output of **locale**.

**Note:** **koi8rxterm** may produce unexpected results if the current locale is set to one in which the KOI8-R character encoding is not supported, or if fonts using that encoding are not available. In the Debian system, the “xfonts-cyrillic” package provides the fonts that **koi8rxterm** uses by default. To change the fonts **koi8rxterm** uses, edit the */etc/X11/app-defaults/KOI8RXTerm* file.

A similar wrapper, **uxterm(1)**, is available for Unicode UTF-8 environments.

**ENVIRONMENT**

**LC\_ALL**, **LC\_CTYPE**, **LANG**

The values of these variables are checked, in order, to determine the character set used by the current locale.

**AUTHORS**

**koi8rxterm** was written by Branden Robinson and is very heavily based on **uxterm**, by Thomas Dickey. The assistance of Jurij Smakov was invaluable in sanity-checking its operation.

**SEE ALSO**

**locale(1)**, **locale(7)**, **uxterm(1)**, **xterm(1)**