
GNATcoll Bindings - Readline Documentation

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AdaCore

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GNATcoll provides an interface to the `readline` library.

License



The GNU *readline* library is licensed under the terms of the GNU General Public License, version 3. This means that if you want to use Readline in a program that you release or distribute to anyone, the program must be free software and have a GPL-compatible license.

You need to pass `--accept-gpl` to the `setup.py` script in order to indicate you understand the license of `readline`.

This component provides various features to enhance command line support in tools. In particular, it provides various keybindings to make editing more comfortable than `Ada.Text_IO.Get_Line`. For instance, it is possible to use backspace to edit what you have just typed. It is also possible to move forward or backward by word, go to the start or end of line, ...

`readline` also provides support for completion: by using the `tab` key, users can get all possible completions for the current word. This behavior is controllable from Ada, where your application can provide the list of completions.

Finally, `readline` comes with support for history. By using the `up` and `down` keys, the user can navigate the commands that were previously typed. It is also possible to preserve the history across sessions.

See the `GNATCOLL.Readline` package for more information on this API.