



Jekejeke Runtime Android

Version 1.4.0, August 13th, 2019



XLOG Technologies GmbH

Jekejeke Prolog

Runtime Library 1.4.0

User Manual Android

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... Defined predicates with arity>0, both static and dynamic, are indexed on the functor of their first argument [1, p.17] ...

[1] Language Reference, Jekejeke Prolog 0.8.1, XLOG Technologies GmbH, Switzerland, February 22nd, 2010

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Change History

Jan Burse, February 14st, 2012, 0.1:

- Initial version forked from Swing documentation.

Jan Burse, August 8st, 2012, 0.2:

- Document renamed to runtime library, class path and enlist panel introduced.

Jan Burse, October 19th, 2012, 0.3:

- Styled console and colour panel introduced.

Jan Burse, December 18th, 2012, 0.4:

- Text panel, information panel and email panel introduced.

Jan Burse, November 8th, 2013, 0.5:

- Capability icons introduced. Newly detected paths and capabilities dialog introduced.

Jan Burse, March 8th, 2014, 0.6:

- Build menu introduced.

Jan Burse, June 1st, 2015, 0.7:

- Language panel and title page introduced.

Jan Burse, January 23rd, 2016, 0.8:

- New path menu item introduced.

Jan Burse, August 25th, 2016, 0.9:

- New thread not-responding alert dialog.

Jan Burse, August 13th, 2019, 0.11:

- More verbose activation dialog.

1 Introduction

The user interface for the Jekejeke Prolog runtime library does not require a character terminal. It requires a window manager and provides its own management of multiple character terminals. It not only allows query answering and source consulting, but also goal debugging. Further capabilities and their activations can be managed.

- **Tours:** t.b.d.

Menus: The Jekejeke Prolog runtime library does not provide the editing of programs. For this purpose arbitrary external editors can be used. Even editors that come with external integrated development environments are suitable. Nevertheless some action items to control the console and the interpreter that are needed come as menus.

- **Toolbars and Popup Menus:** t.b.d..
- **Console Activity:** The console consists of a terminal activity for the interaction with a Jekejeke Prolog thread. Besides a text dialog based interaction it is also possible to interact via the menus with the Jekejeke Prolog thread.
- **Activation Dialogs:** The activation dialogs deal with the management of the capability store. It is possible to interactively activate capabilities.
- **Settings Panels:** The settings are stored in the application profile.
- **Appendix Tour Listings:** t.b.d.

2 Tours

t.b.d.

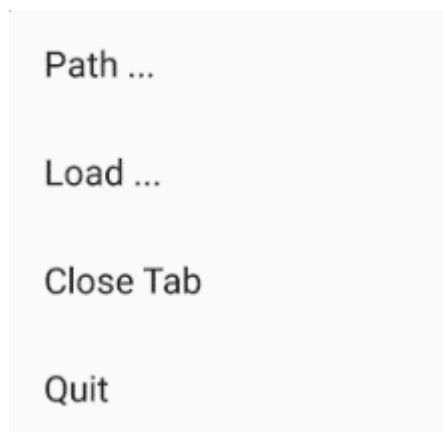
3 Menus

The Jekejeke Prolog runtime library does not provide the editing of programs. For this purpose arbitrary external editors can be used. Even editors that come with external integrated development environments are suitable. Nevertheless some action items to control the interpreter are needed. They primarily come as menu items.

The following menus are available:

- [File Menu](#)
- [Edit Menu](#)
- [Build Menu](#)
- [Window Menu](#)
- [Help Menu](#)

3.1 File Menu



Path ...: Select an archive file and add to class path.

Load ...: Select a file and ensure load it.

Close Tab: Close the current thread. The associated interpreter will exit all query loops.

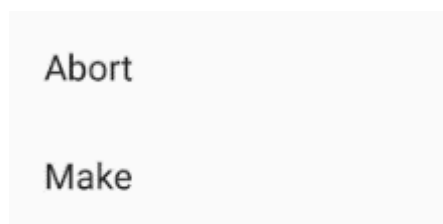
Quit: Close all activities of this application.

3.2 Edit Menu



Settings: Invokes the settings dialogs. See also [Settings Panels](#).

3.3 Build Menu



Abort: Abort the current thread. The associated interpreter will return to the current query answer loop.

Make: Ensure load all used files.

3.4 Window Menu

A light gray rectangular button with the text "New Tab" centered inside.

New Tab: Start a new thread in a new tab.

3.5 Help Menu

A dark gray rectangular button with the text "Register" centered inside.

Register: Invokes the register dialog.
See also [Register Dialog](#).

4 Toolbars and Popup Menus

t.b.d.

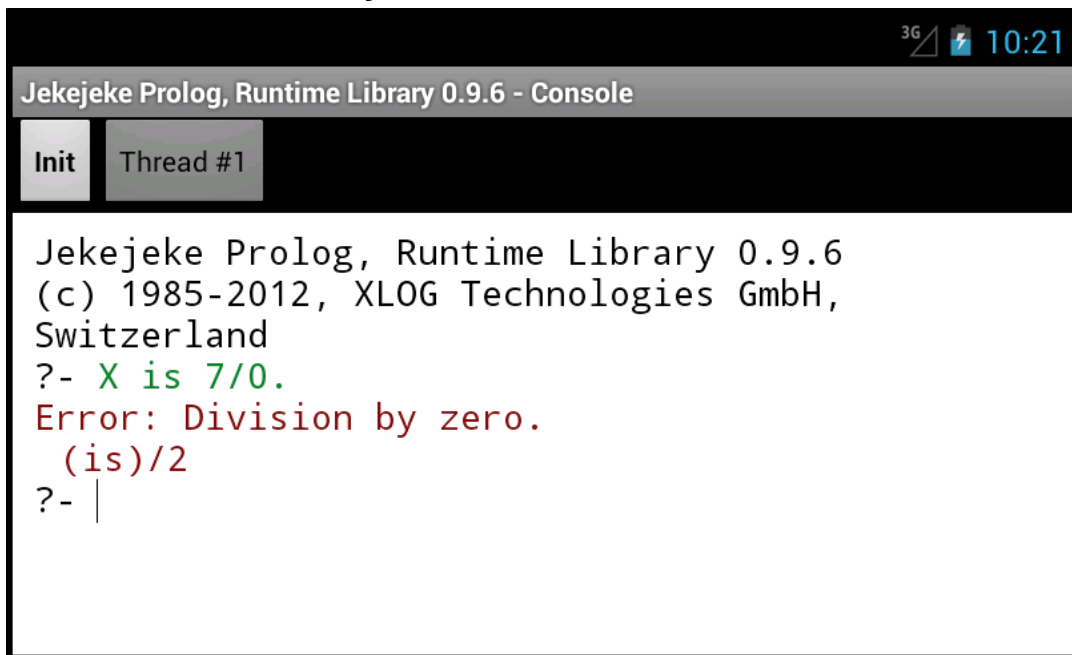
5 Console Activities

The console consists of a terminal activity for the interaction with a Jekejeke Prolog thread. Besides a text dialog based interaction it is also possible to interact via the menus with the Jekejeke Prolog thread.

The following console activities are available:

- [Terminal Activity](#)
- [Non-Responding Alert](#)

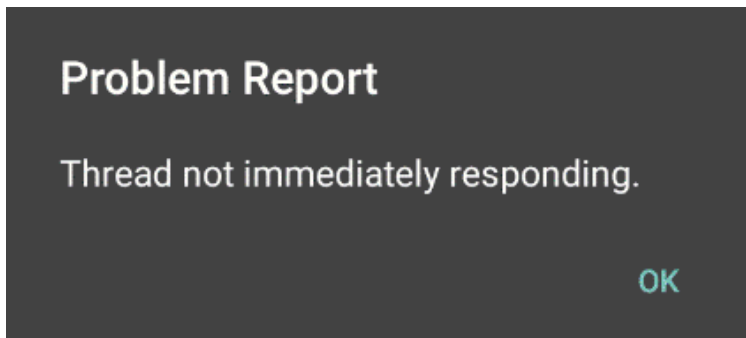
5.1 Terminal Activity



Tab Widget: Tabs to select a thread.

Text Pane: The text input and output area.

5.2 Non-Responding Alert



Ok: Dismiss this alert dialog.

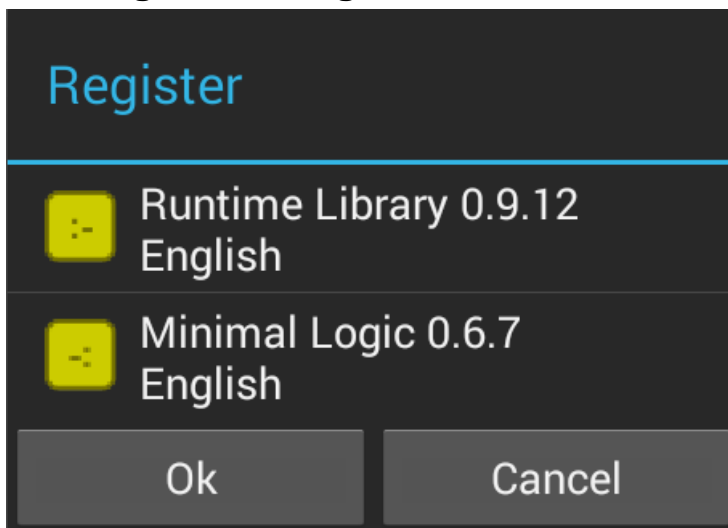
6 Activation Dialogs

The activation dialogs deal with the management of the capability store. It is possible to interactively activate capabilities.

The following activation dialogs are available:

- [Register Dialog](#)
- [Information Panel](#)
- [Service Panel](#)
- [Email Panel](#)

6.1 Register Dialog



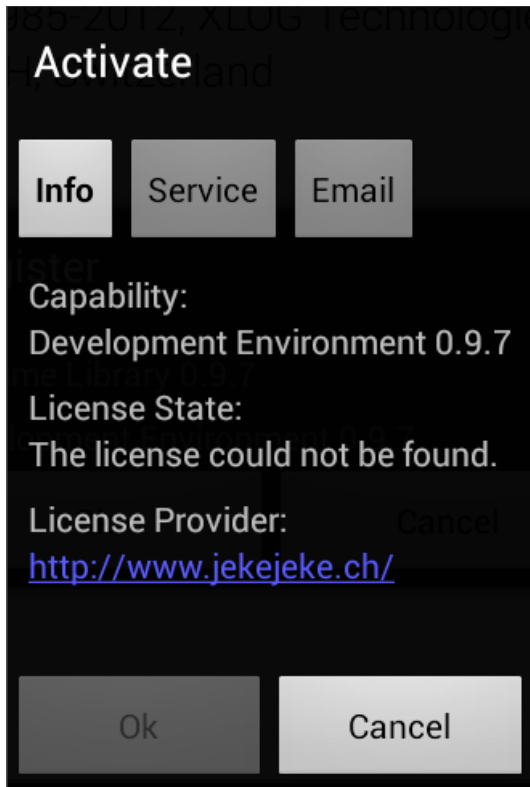
Capabilities: The list of capabilities.

See also [Information Panel](#), [Service Panel](#) and [Email Panel](#).

Ok: Verify completion and close the dialog.

Cancel: Close the dialog.

6.2 Information Panel



Capability: The selected capability.

License Status: The status of the license.

License Provider: The URL of the license provider.

Cancel: Close the dialog.

6.3 Service Panel

During activation, by default this panel is shown when a network connection was detected:

http://www.jekejeke.ch/.' At the bottom, there are two buttons: 'Ok' and 'Cancel'." data-bbox="115 148 456 464"/>

Activate

Info Service Email

To activate the capability provide your license key.

License Key:

Please assure network access to <http://www.jekejeke.ch/>.

Ok Cancel

License Key: The key for the activation.

Ok: Activate the license, verify the license and close the dialog.

Cancel: Close the dialog.

6.4 Email Panel

During activation, by default this panel is shown when no network connection was detected:

Activate

Info Service **Email**

Send your license key and the below install ID to info@xlog.ch.

Install ID:

R1G+f7xQJJu46ZV70wF4dtR2h1
/9jdKc2a5GH10tZQ6aWEew20/2

To activate the capability provide the received license text.

License Text:

Ok Cancel

Install ID: The installation ID to send.

License Text: The received text for the license.

Ok: Register the license text, verify the license and close the dialog.

Cancel: Close the dialog.

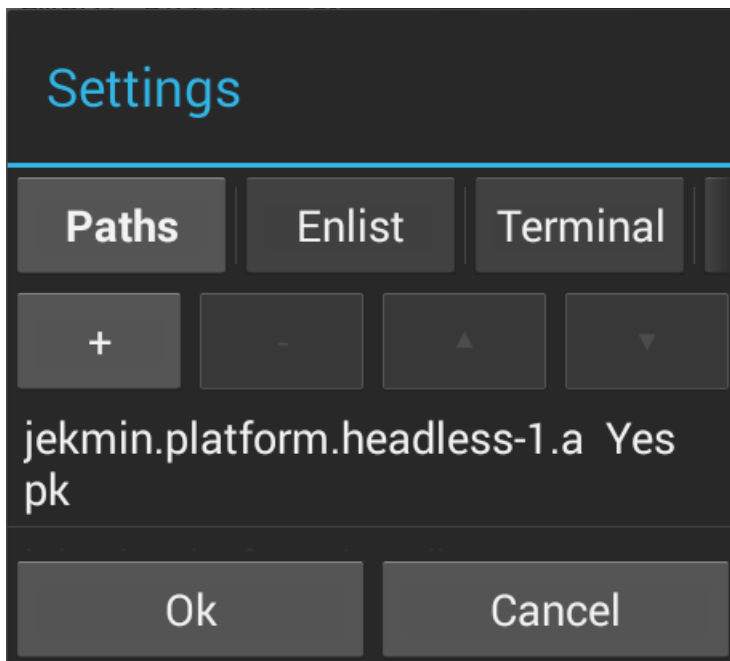
7 Settings Panels

The settings are stored in the application profile.

The following settings panels are available:

- [Paths Panel](#)
- [Path Dialog](#)
- [Capabilities Panel](#)
- [Capability Dialog](#)
- [Terminal Panel](#)
- [Colour Panel](#)
- [Text Panel](#)
- [Language Panel](#)

7.1 Paths Panel



Paths: The paths to be included.

See also [Path Dialog](#).

+: Add a new path.

-: Remove the selected path.

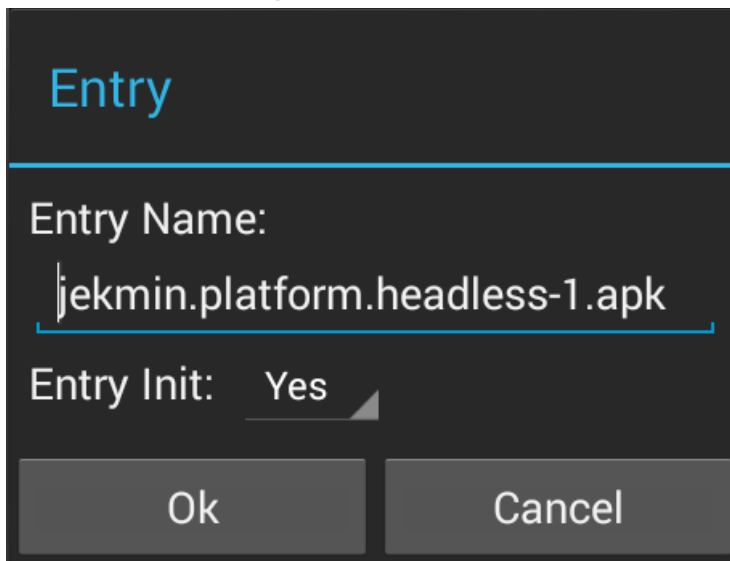
▲: Move the selected path up.

▼: Move the selected path down.

Ok: Apply the settings, save the settings and close the dialog.

Cancel: Close the dialog.

7.2 Path Dialog



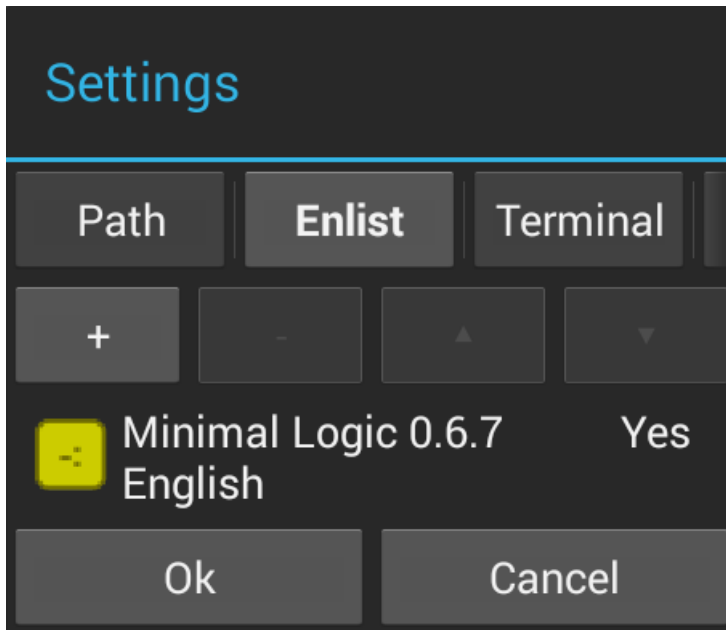
Entry Name: The archive of the selected path.

Entry Init: The initialization mode of the path.

Ok: Save the path and close the dialog.

Cancel: Close the dialog.

7.3 Capabilities Panel



Capabilities: The capabilities to be loaded.

See also [Capability Dialog](#).

+: Add a new capability.

-: Remove the selected capability.

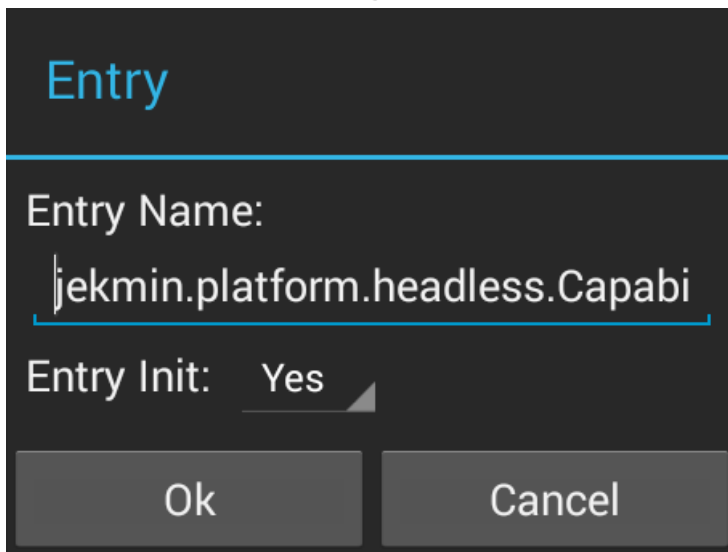
▲: Move the selected capability up.

▼: Move the selected capability down.

Ok: Apply the settings, save the settings and close the dialog.

Cancel: Close the dialog.

7.4 Capability Dialog



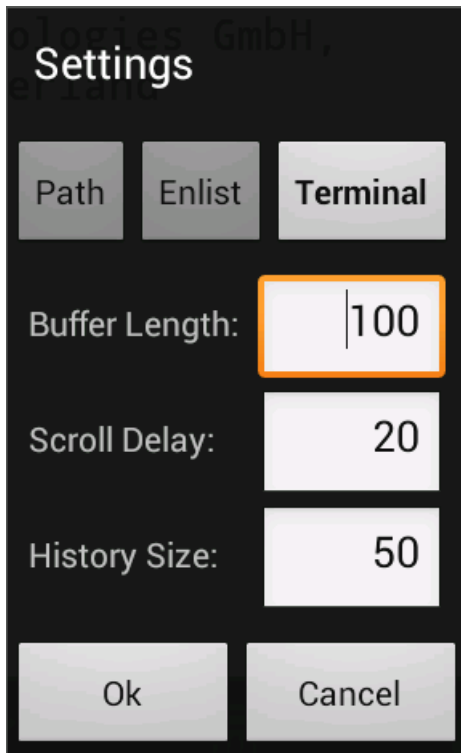
Entry Name: The class name of the selected capability.

Entry Init: The initialization mode of the capability.

Ok: Save the capability and close the dialog.

Cancel: Close the dialog.

7.5 Terminal Panel



Buffer Length: The maximum number of shown output lines from the interpreter.

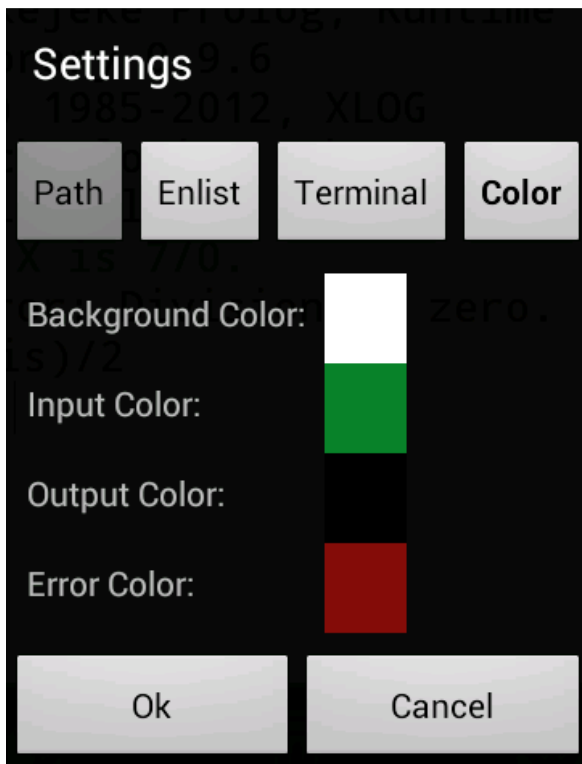
Scroll Delay: The delay in milliseconds per output line of the interpreter.

History Size: The maximum number of retained input lines from the end-user.

Ok: Apply the settings, save the settings and close the dialog.

Cancel: Close the dialog.

7.6 Colour Panel



Background Color: The background colour of the console activity.

Input Color: The colour of the input stream of the console activity.

Output Color: The colour of the output stream of the console activity.

Error Color: The colour of the error stream of the console activity.

Ok: Apply the settings, save the settings and close the dialog.

Cancel: Close the dialog.

7.7 Text Panel



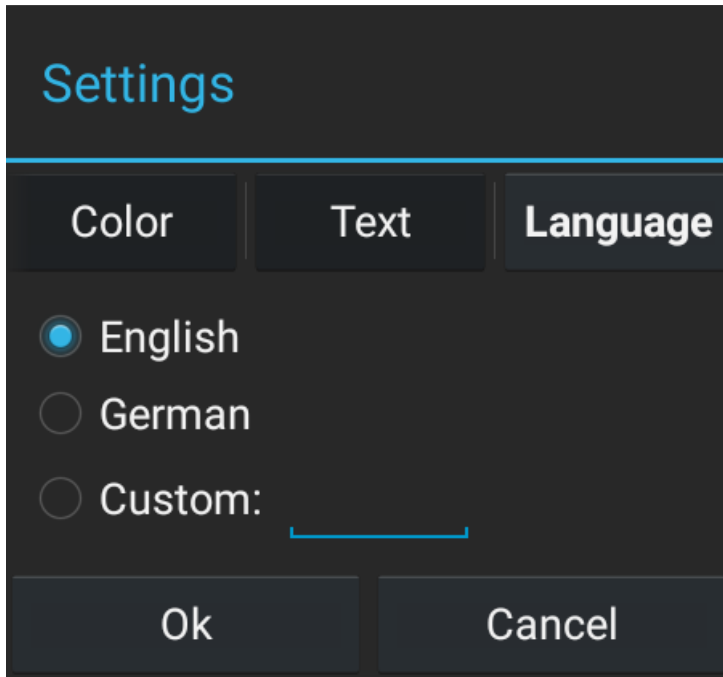
Font Family: The font family of the console activity.

Font Size: The font size of the console activity.

Ok: Apply the settings, save the settings and close the dialog.

Cancel: Close the dialog.

7.8 Language Panel



English: The user interface locale is “en”.

German: The user interface locale is “de”.

Custom: The user interface locale is as specified.

Ok: Apply the settings, save the settings and close the dialog.

Cancel: Close the dialog.

8 Appendix Tour Listings

t.b.d.

Pictures

Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.

Tables

Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.

References