

tuProlog for Android (RC1)

Installation

- 1) Set your device to allow applications from unknown sources. You do so by setting the proper option in Settings > Applications > Unknown Sources [or similar menu item]
- 2) Copy the .apk file in the device SDcard: if the device is connected to your computer via USB cable, we suggest that you put the .apk file in the download subfolder.
- 3) Double-click the .apk file to start installation. Please allow the application to access the required data. At the end of installation, a new tuProlog icon will appear in the installed applications.

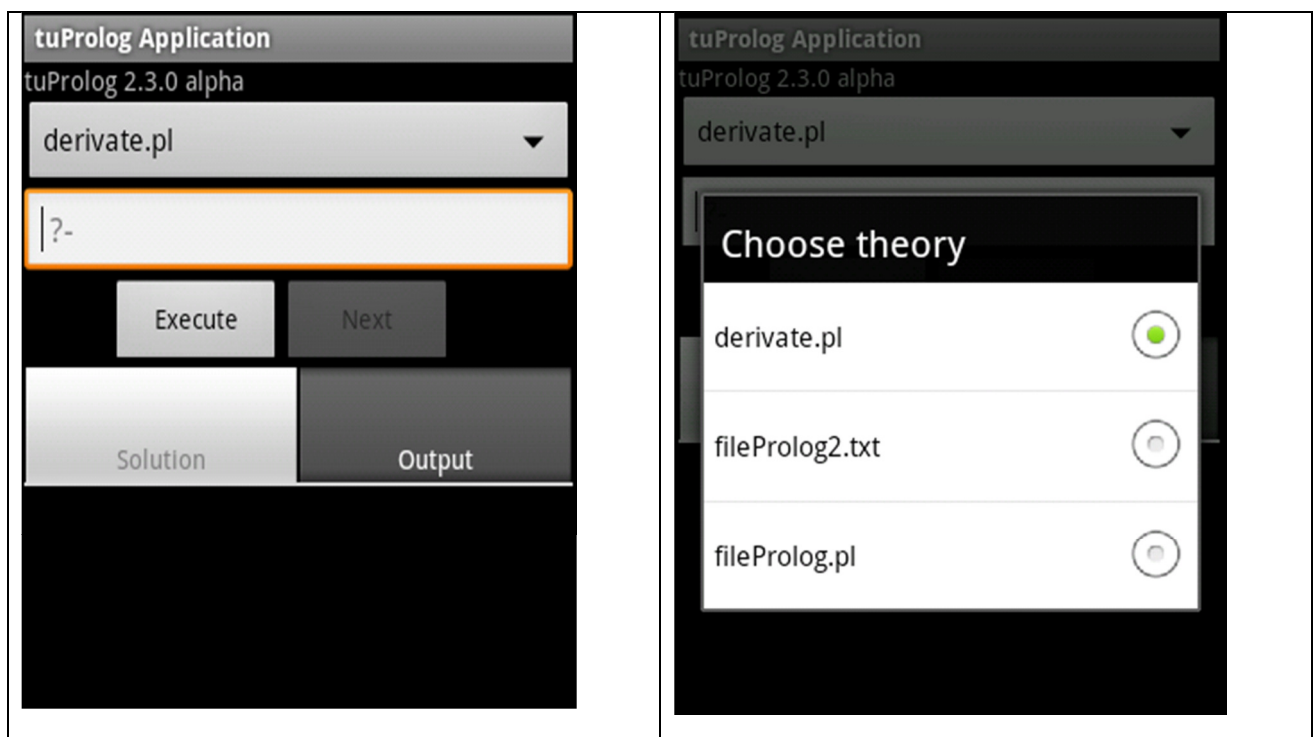
Graphical User Interface

The new Android-specific GUI looks as follows (*Figure below, left*).

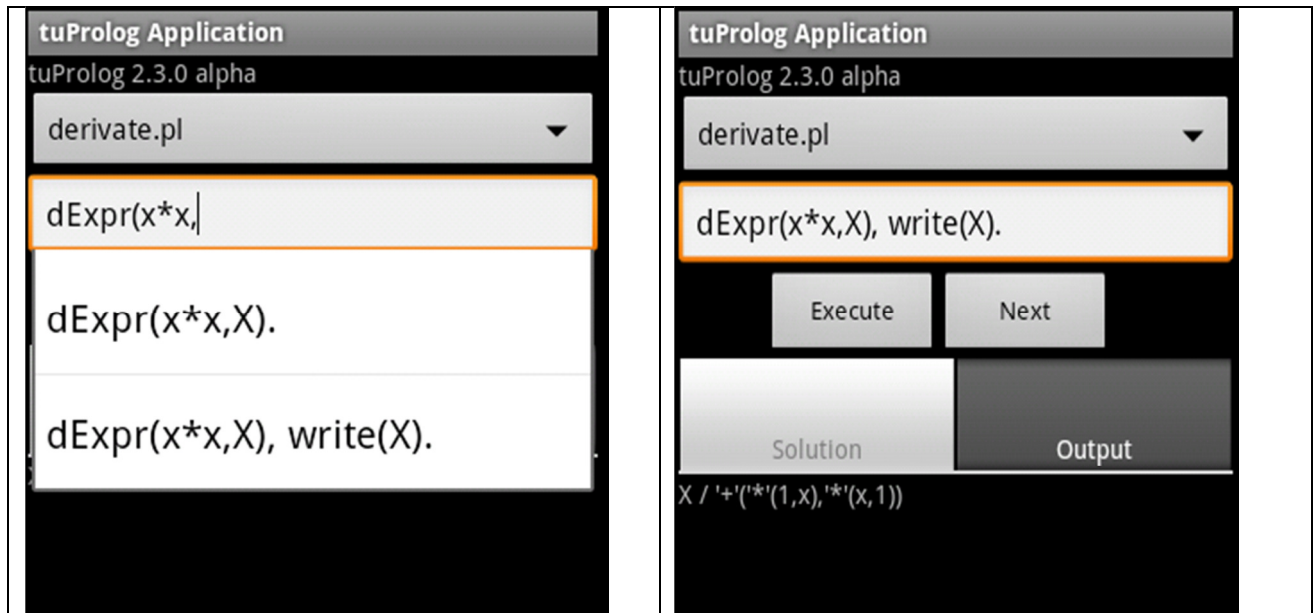
The first drop-down list on top is used to select the Prolog theory file; the query is written in the subsequent textfield, and is triggered touching the Execute/Next buttons.

The theory file must be on the device *sdcard*, and must have the .pl (or .txt or .doc) extension. To this end, some file manager has to be used, or the file can be hand-written via any text editor. Alternatively, the file can be transferred via USB from your computer.

Once theory files have been copied to the Android device, the drop-down list will show the available files (*Figure below, right*).



Then, the query has to be written: an auto-complete mechanism is available, which exploits the previous queries (*figure below, left*). Pressing EXECUTE, the query solution is shown in the *Solution* tab, along with variable bindings (*figure below, right*). Any output performed by the application is available in the *Output* tab.



If multiple solutions exist, the NEXT button can be used to browse them, along with the corresponding output (*figure below*):

