**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)*.

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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.

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



