Rosebud Info

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This document contains important information for the usage of **Rosebud**! It contains information for editing Rosebud's registry keys. Do this at your own risk! Further this document contains information for creating so called `.rb` (Rosebud) files.

1.1. Disclaimer

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1.2. This document

This document describes the registry settings you need to use **Rosebud 1.1** and higher. The root for all settings is:

```
HKCU\Software\HfrSoft\Rosebud
```

This document also contains information about the format/syntax of Rosebud (`.rb`) files.

2. Registry

2.1. Init

Only used by the setup. Do not modify!

2.2. Init.Common

This section contains common settings for all Rosebud profiles.

Name	Type	Description
AllProfiles	REG_SZ	Contains a list of all configured profiles. Profile names are separated with ';' e.g. `Profile1;Profile2;ProfileN`
CfgPath	REG_SZ	Contains the path (directory name) where .rb files are located
CurrentProfile	REG_SZ	The name of the current profile
HfrmobileGetMapExecutable	REG_SZ	Name of an executable which is used to open a map from within the "GPS Calculator". Recommended value: `iexplore.exe`
HfrmobileGetMapMode	DWORD	`0` = Test mode. Just displays a message box containing the url which will be opened if using mode 1 `1` = Opens the url using `HfrmobileGetMapExecutable`.
HfrmobileGetMapUrl	REG_SZ	Contains a url which is opened when you use *Karte	hfrmobile* menu item from within the "GPS Calculator" Recommended value: `http://services.hfrmobile.com/getmap.php?lat={LAT}0&lon={LON}0&rad=1000` `{LAT}` and `{LON}` will be replaced by the current GPS coordinates!
Indent	DWORD	Recommended value: `1`
SMSMode	DWORD	`0` = Test mode. Just displays a message box containing the SMS, phone number and command name. No SMS will be sent! No SMSLog entry will be written. `1` = Send SMS. Writes an entry to the SMSLog.
TTNExecutable	REG_SZ	Path of TTN application executable. e.g. `\Programme\Navigator\TomTom Navigator.exe`
TTNMapDirectory	REG_SZ	Path of TTN map. e.g. `\CF-Card\Oesterreich Navigator Map` or `\Speicherkarte\My Documents\Wien`

2.3. Init.Log

This registry key contains settings for Logging.

Name	Type	Description
SMSLog	REG_SZ	The full qualified name of the log file (e.g. `\My Documents\Rosebud\Log.txt`)

2.4. Init.Settings

This registry key contains some common settings for Rosebud.

Name	Type	Description
AskBeforeClose	DWORD	**0** = Do not ask if closing the application **1** = Ask before closing the application

2.5. Profile.{Name}

This registry key contains all settings for a profile. **{Name}** stands for the name of the profile (e.g. **Profile.Default**).

Name	Type	Description
ConfigurationFile	REG_SZ	Name of the **.rb** file without path/directory name (e.g. **Default.rb**)
DeviceNumber	REG_SZ	Phone number of the device which you like to control with Rosebud or the phone number of a SMS service of your mobile provider (e.g. +43 123 789789)
DeviceNumberType	DWORD	Recommended value is **1**. If this not works (specially for some SMS services of your mobile provider) you may use **0** or another value.
PasswordNeeded	DWORD	Determines if you need a password to change to this profile (**1**=Password needed (default value), **0**=No password needed). You can use the **{pwd}** place holder in your **.rb** files. See also **PasswordLength**.
PasswordLength	DWORD	Available since **Version 1.1**! Determines the length of the password. If this value is not specified a length of **6** will be assumed in order to stay compatible with **Rosebud 1.0**! Only used of course when **PasswordNeeded** is set to **1**.

3. Rosebud files (.rb)

Rosebud files (**.rb**) are XML files with the extension **.rb**! If you like to use umlauts in a Rosebud file you have to use their HTML codes (e.g. Ä → **Ä**) otherwise you will get an error when opening the profile. Use Notepad or another text editor of your choice for editing Rosebud files. Use **{pwd}** if the command needs a **Password/PIN**. To categorize larger files you can use a command "**-**" (minus character).

3.1. Hello world

```
<Rosebud name="Hello World ">
  <Command name="--- All ---" cmd="-" />
  <Command name="Test1" cmd="XY" info="Sends a SMS to the device" />
  <Command name="Test2" cmd="XY {pwd}" info="Command needs a PIN" />
</Rosebud>
```

3.2. Parameter

Since users (including me of course) needed a way to use "dynamic" commands (e.g. for configuring their devices) I added the possibility to define Parameters for commands. For testing your Rosebud files I

recommend to set `HKCU\Software\HfrSoft\Rosebud\Init.Common\SMSMode=0` in order to not send real SMS when you just like to test your `.rb` files. This feature is available since Version 1.2!

Syntax:

```
{name:type[.info][:value1|value2|valueN[|...]]}
```

Token	Description
name	Name of the parameter which will be displayed in the user interface when you need to enter a value.
type	Type of the parameter. At the moment the following types are supported ■ `num` … Numbers ■ `txt` ... Text
.info	Optional. This area can be used to define a minimum and maximum value for the parameter: `min-max`. If the parameter has the type `txt` then this information is used for the length of the text.
value	Optional. Defines a list of pre-defined values the user can enter. Using `...` (three dots) as value means that the user can enter a random value. The values must be separated using the pipe symbol: `|`

Samples:

```
{A Number:num}
{Minutes:num.0-60}
{Minutes:num:10|20|30}
{Minutes:num:10|20|30|...}
{Given Name:txt.3-10}
{Sample:txt:Alpha|Beta|Gamma}
```

3.3. Application fields

There are a lot of possibilities which you have with Rosebud. If a device uses a SIM card and if that device is able to be controlled using SMS (short message service) you should use Rosebud for that device. The following list is just are just samples which you may use.

■ Alarm systems (e.g. car/GPS alarm systems, house alarm systems, …)

■ Home automation systems

■ SMS parking

■ OTR (Online TV Recorder) used to program recordings

■ Mobile Provider services (e.g. T-Mobile quick info)

■ *… and even more*

4. Conclusion

Rosebud offers great possibilities for accessing SMS services and LBS (location based services). Even location via GPS (Global Positioning System) is possible via the integrated "GPS Calculator". I am using Rosebud regularly and it works great with my *HTC S310,* several *T-Mobile MDA Compact* devices and even with my old *LOOX 600*!

You have to configure the registry and `.rb` files manually because I had no time to implement a user interface for that. If you like to use **Rosebud** you should be familiar in using a text editor and registry editor.