Instructions for Flexbit-Editor for Linux phones (ROKR E2, ROKR E6, ROKR Z6, RAZR ² V8 etc.)

1.) Introduction

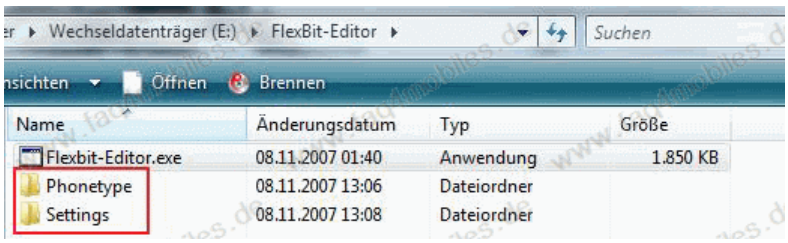
The editor is editing the Flexbit-file "ezx_flexbit.cfg" for the mobile phone with the Linux operating system. This is comparable with the already known Seem-Editor and Seems like The "0032-0001".
In other words, just as there this file is representing data from the mobile, it evaluates bits and act as a switch. Each bit can have 2 known states: On / Off or Yes / No. And precisely in this way it will therefore turn functions on or off in a cell phone.

The difference from the "old" Seems is, where each 8 bit within the file were summarized into one byte and saved in hexadecimal format. The new format does not have 8, but 32 bits together and they are in DECIMAL format.
Decimal is the numerical system which we all know. Using decimal format allows the file to be directly opend and edited in any text editor. However, at first glance it is more confusing, when numbers in the range from 0 to 4294967295 (four billion twohundred and ninty four million ... etc.) arise.

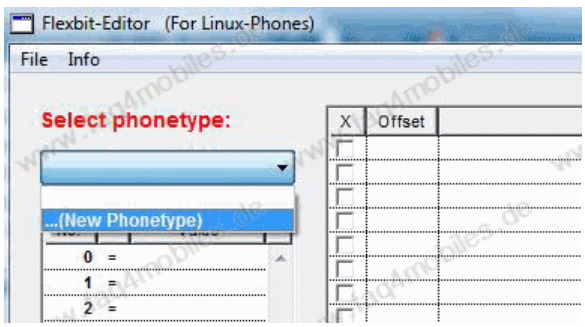
That's why I wrote this new editor. It arranges these figures again in single bit format. And they also can nicely switched separately.
And not only that - it is also possible to have a own profile for each model (Phone Type). The problem with the old Seem-Editor was also that the descriptions for each bit were working on some models but not on every phone model. And with the rise of UMTS-mobiles this description was rather useless because most of the individual bits had entirely different functions. In this new editor this problem has been solved-for each phone type there can be a file with the bit description. This file can be edited/ supplemented by the user himself and ... one can be exchanged worldwide .... At present not many bit functions are known, but hopefully with time more and more will be discovered and shared.

2.) Getting Started-launch of the Editors

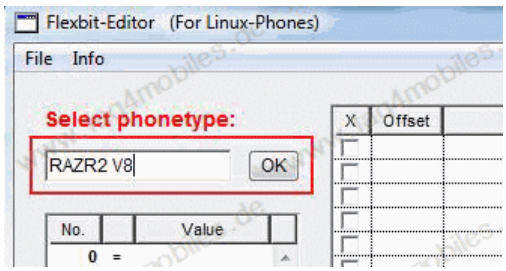
On the first start of the editor, two folder will be created: Phone type and Settings. In Phone Type, the profiles (description of each mobile model) are stored. These files contain the descriptions for the bits. This file is written automatically and any changes will be added immediately, so you do not have to save it yourself.
The other folder, Settings, contains just the name of the currently selected cell phones, so at the next start you see it immediately, and it also stores the operating system used (this editor is available for Windows and Linux) and, of course, the path to the last open / stored Flexbit file.



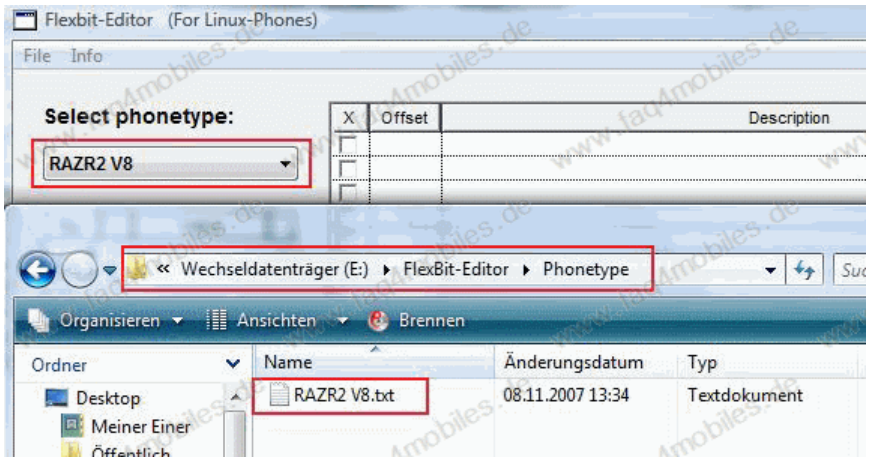
After starting, first you specify the type of mobile phone by selecting "New Phonetype" under the menu "Selected Phone Type" , this is only needed the first time to create the profile.



In the field that appears just enter the name of the phone. e.g. "RAZR2 V8" or "ROKR E6" - just what you phone type you have. Then click on "OK" or press "Enter".



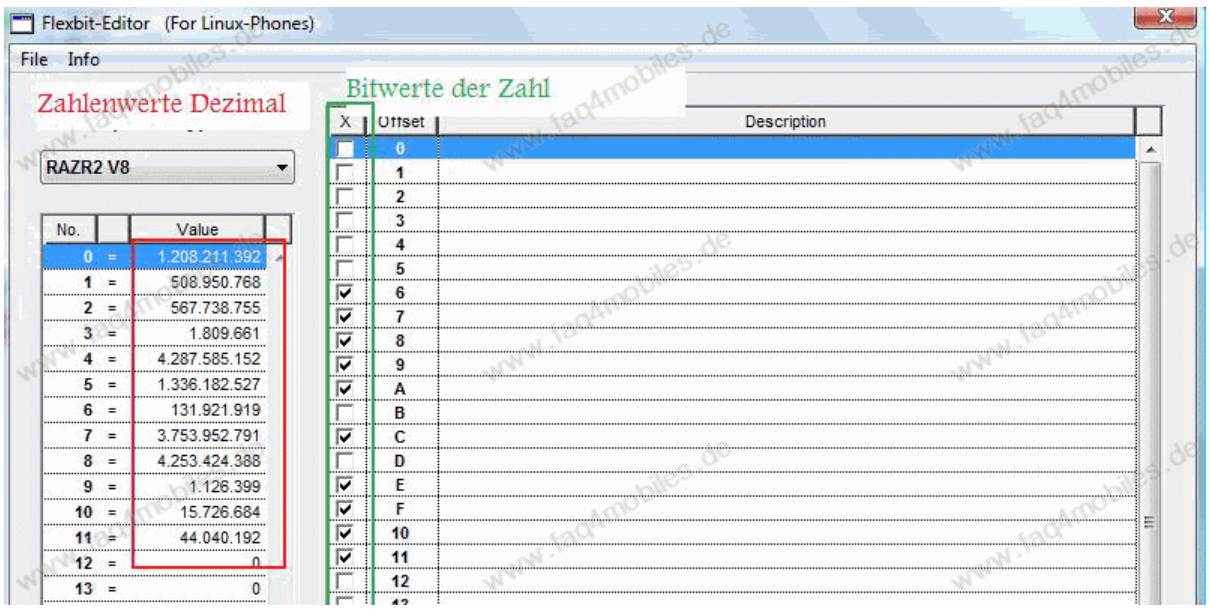
The program will automatically create a file in the folder "Phone Type".



Of course, you can create as many profiles for one mobile type as you want, but the input and display of additional information would not be possible because each profile only holds the input you give it unless you edit each profile.

3.) Opening a Flexbit-file

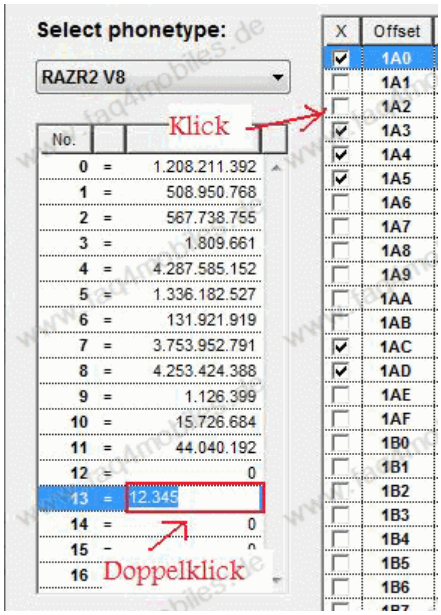
From the menu, you select "Open" or click on the "Open" button. In the following file selection window choose the "ezx_flexbit.cfg" file.
In the left window you will find the text representation, decimal values, of the file. In the right window you can see the individual bits, and their absolute offset (numbers in Hex-format because this has been the established rule). Also in the right window you would find the description of bits and now you have the opportunity to enter them yourselves



4.) Editing

First you select the line in the left window, the one you want to edit. The active line is highlighted. In the right window, the values appear immediately, such as bit status (a tick in the "X" column means set to "on", no tick means "off"), offset and any descriptions.
To change the number, there are two possibilities:
1.) Double-click in the number itself (left window), you can directly enter a new number. the right window is updated

automatically.
2.) Click in the appropriate box ("X" column, where the ticks are) in the right window and the number in the left window will be updated immediately.



After all figures / bits in the desired rows have been edited, you can save the file again, idealy in a new folder, so you still have the original as a backup.

5.) The "Description" field

In the column "Description" you find the bit-description (it is empty now), but you can enter your own description by double clicking on it and entering a text. This text is automatically saved and the next time you start the program it will return automatically because this information has been stored in the file "RAZR2 V8.txt" in the "Phone Type".

6.) Thanks to

I wish you all much success in working with this tool.

I like to take this opportunity to thank Psycomorpher for the idea, and all of my hard testers

ChrisX
Psycomorpher
BigGranu
Rasputin007
Duron

If somewhat is still unclear in this guide, please inform me immediately
- Thanks ...

Meiner Einer, November 2007