siemensmania

Author

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Like on Apatcher for SX1

instructions

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Patches for SX1 in the form of sxpr have recently expanded. To apply them, we need to use Apatcher. We will show how Apatcher is used in the following article by ficker from www.oslik.ru.

Using the procedures or programs listed below is not in accordance with the warranty conditions of the phone manufacturer. By using them, you run the risk of not recognizing the warranty on the device in the event of damage to it.

This instruction can, without perfect understanding of the procedure, lead to damage to your phone (even permanent). Before starting work, read it all thoroughly and if you have any ambiguities, consult them in advance on the designated discussion forum !

What will we need:

Apache

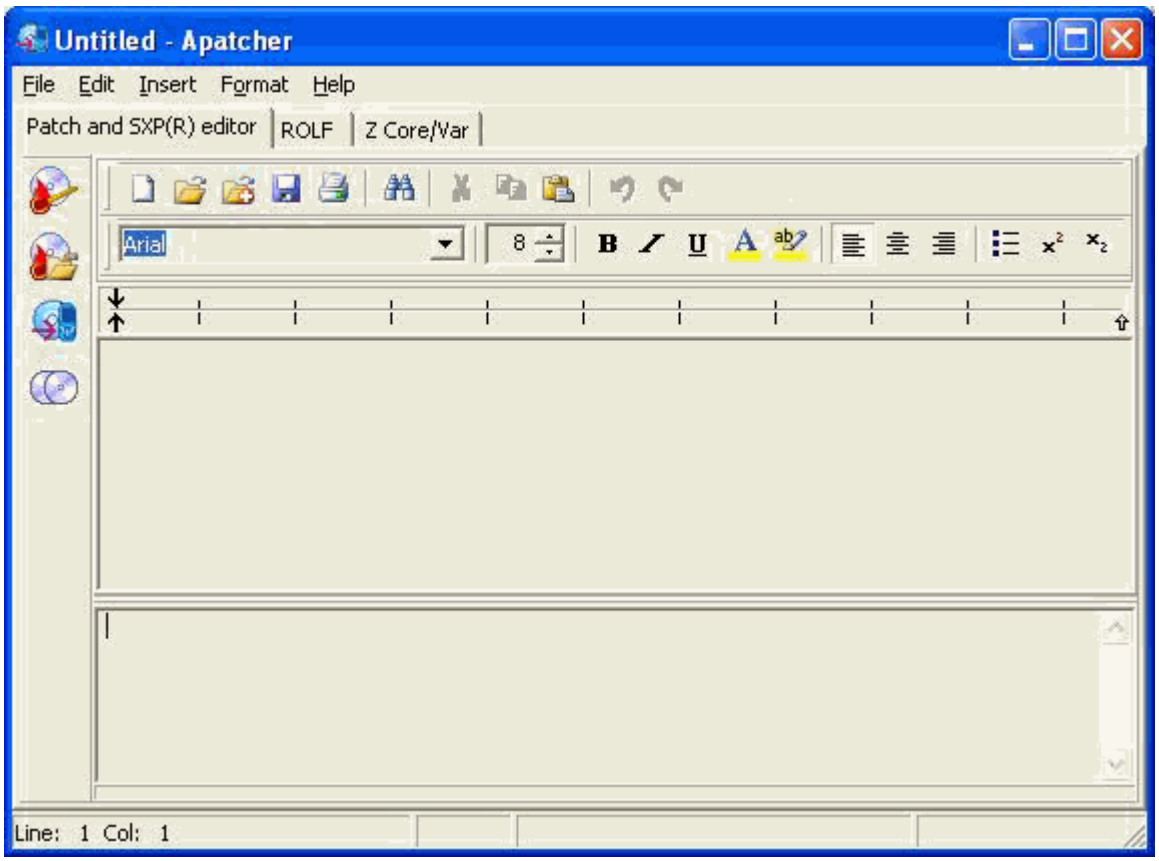
Instructions for using the Apatcher

program Description of the

Apatcher program is a program for creating, editing and inserting patches into the firmware. Patches created with Apatcher can contain different fonts, font and symbol styles, and even different dialogs. To simplify work with texts, Apatcher includes panels with text formatting tools and a ruler that speed up the creation of patches.

Getting to know Apatcher The

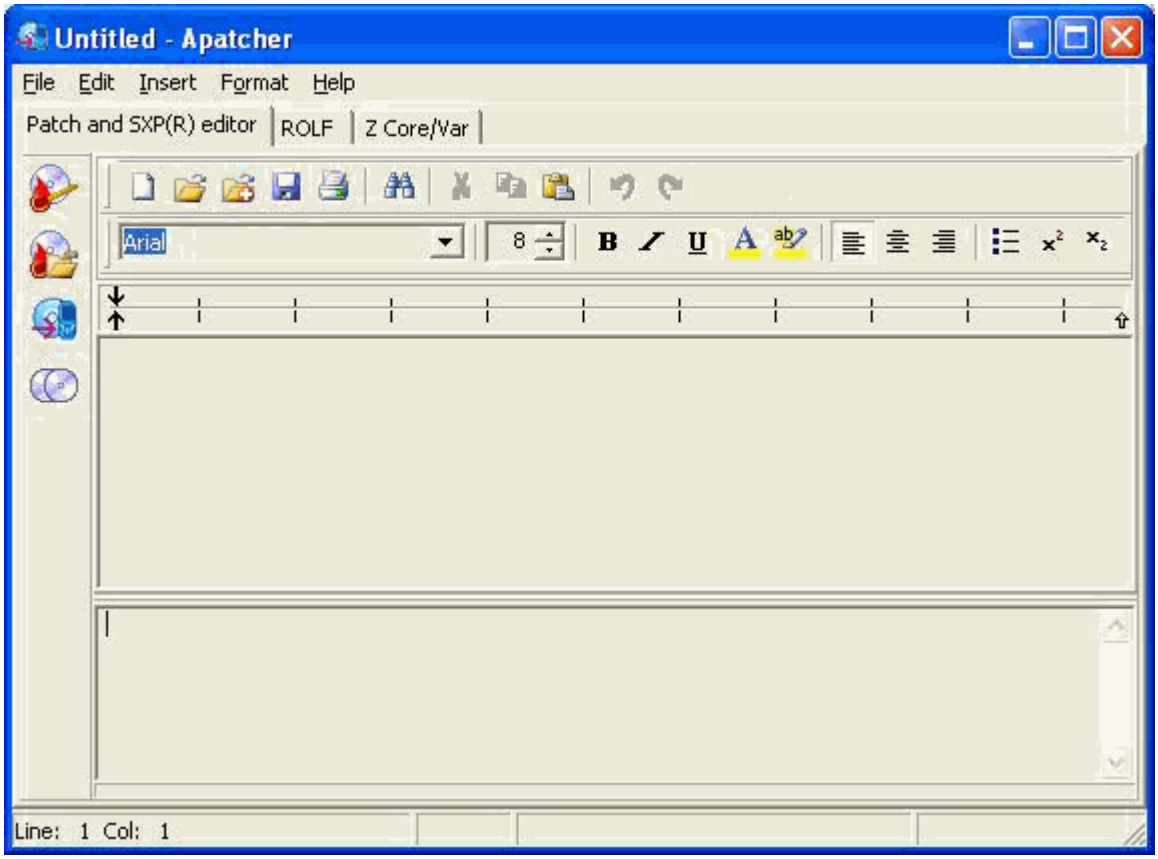
Apatcher work window



Apatcher's working window consists of **Menu** and several tabs **Patch and SXP(R) editor, ROLF, Z Core/Var.**

Menu
The menu contains various commands that the user needs to work with texts. I think it is not necessary to discuss them further, because they are identical to ordinary text programs (eg WordPad).

Description of the Patch and SXP(R) editor tab



It is already clear from the name of this tab that this part of the program is focused on creating and editing patches.

Toolbars
The panels contain various tools for editing text and working with patches. The horizontal panel is basically clear from the icons, the vertical panel deserves a little clarification:

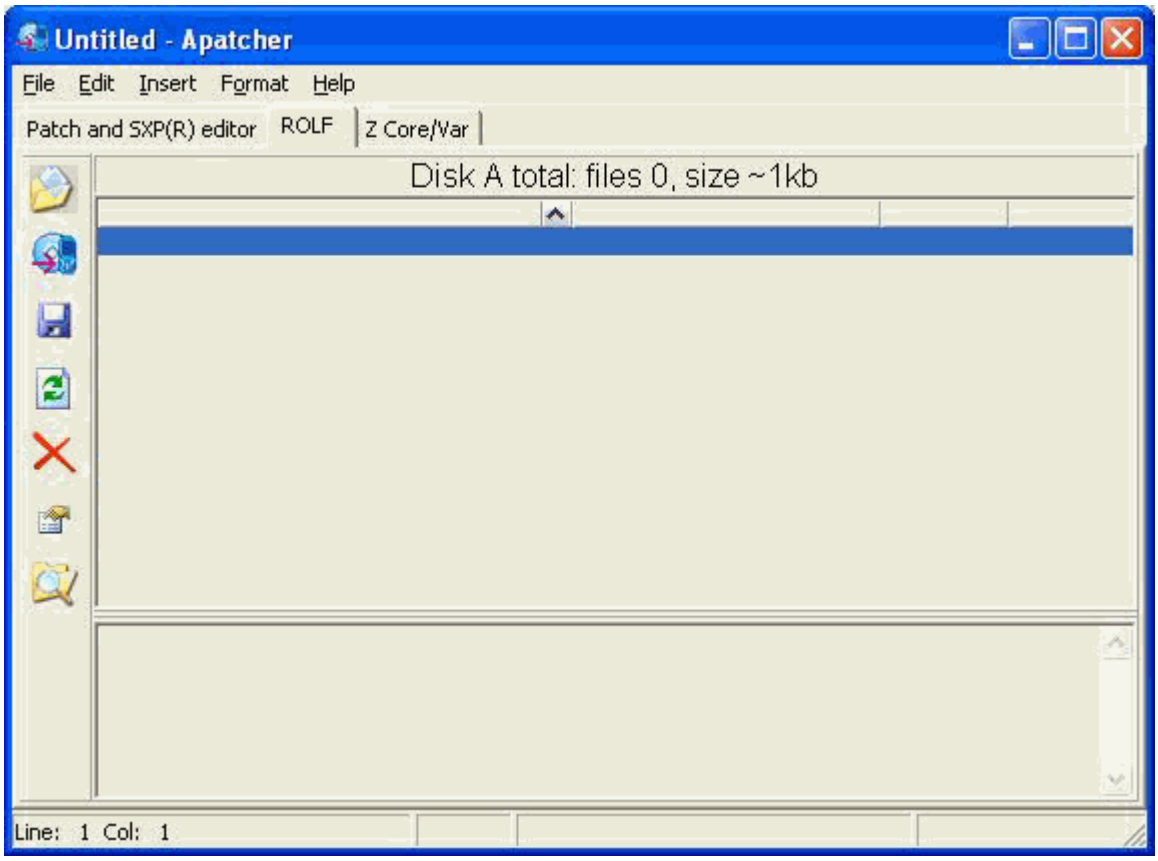
 Using this button, a patch is applied to the firmware running in the PC's memory.

 Using this button, the patch is applied to the file. For example, to an XBI file for creating modified firmware.

 Using this button, part of the memory with the firmware is saved in a "dump" file.

 Using this button, it is possible to create a patch to replace any file in the firmware running in the PC memory or in the XBI file.

Description of the ROLF bookmark



The ROLF tab is designed to work with the phone's A disk loaded from a "dump" file or from firmware loaded in PC memory.

The toolbar
contains the following tools for working with the phone's A disk:

 This button will load the A disk from the firmware "dump" file.

 Using this button, disk A will be loaded from the firmware loaded in the PC memory.

 Use this button to save the changed disk A as a "dump" file.

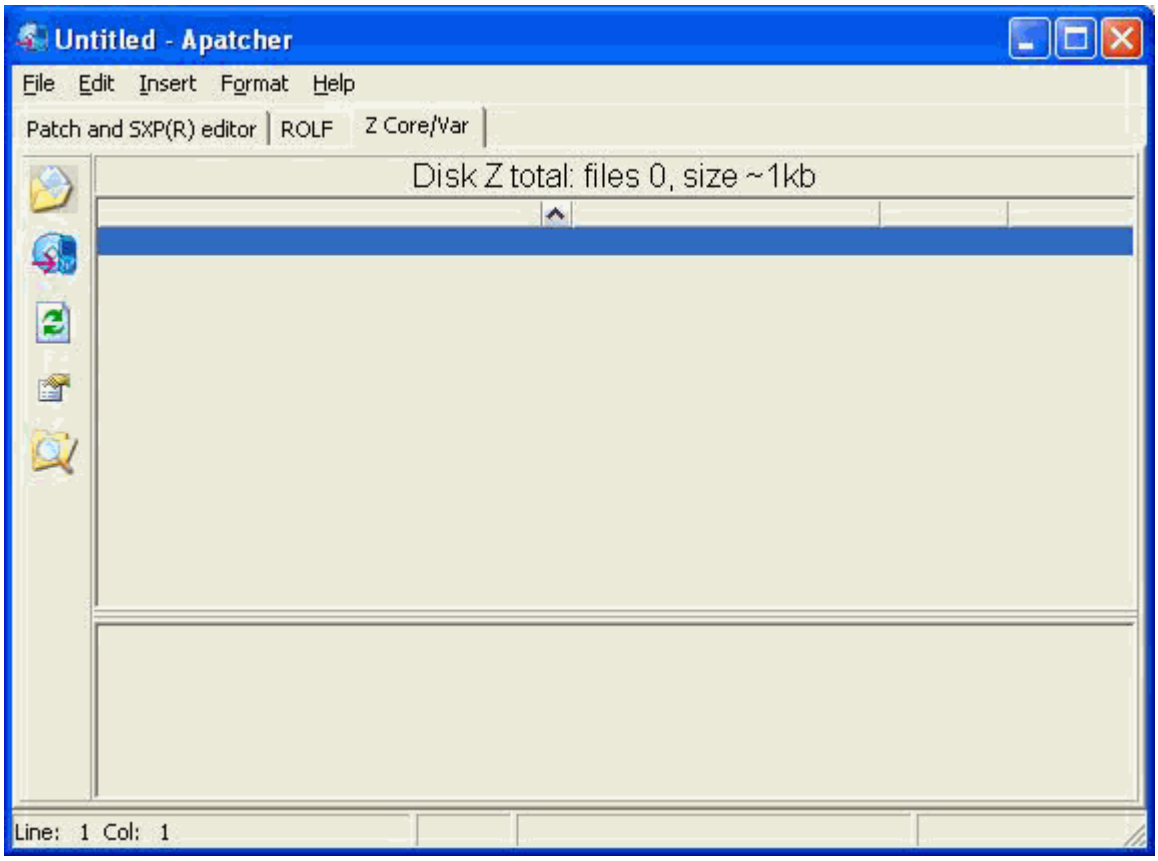
 This button is used to update the information on disk A, for example after it has been modified.

 Use this button to delete files from disk A, for example to create space.

 Use this button to open the selected file in an external program associated with this file type.

 This button can be used to open disk A for viewing or editing. It will open as a directory.

Description of the Z Core/Var tab



The Z Core/Var tab is designed to work with the phone's Z disk loaded from a "dump" file or from firmware loaded in PC memory.

Toolbar
Contains the following tools for working with the phone's Z-disk:

 This button will load the Z-disk from the firmware "dump" file.

 Using this button, the Z disk will be loaded from the firmware loaded in the PC memory.

 Use this button to update information about disk Z.

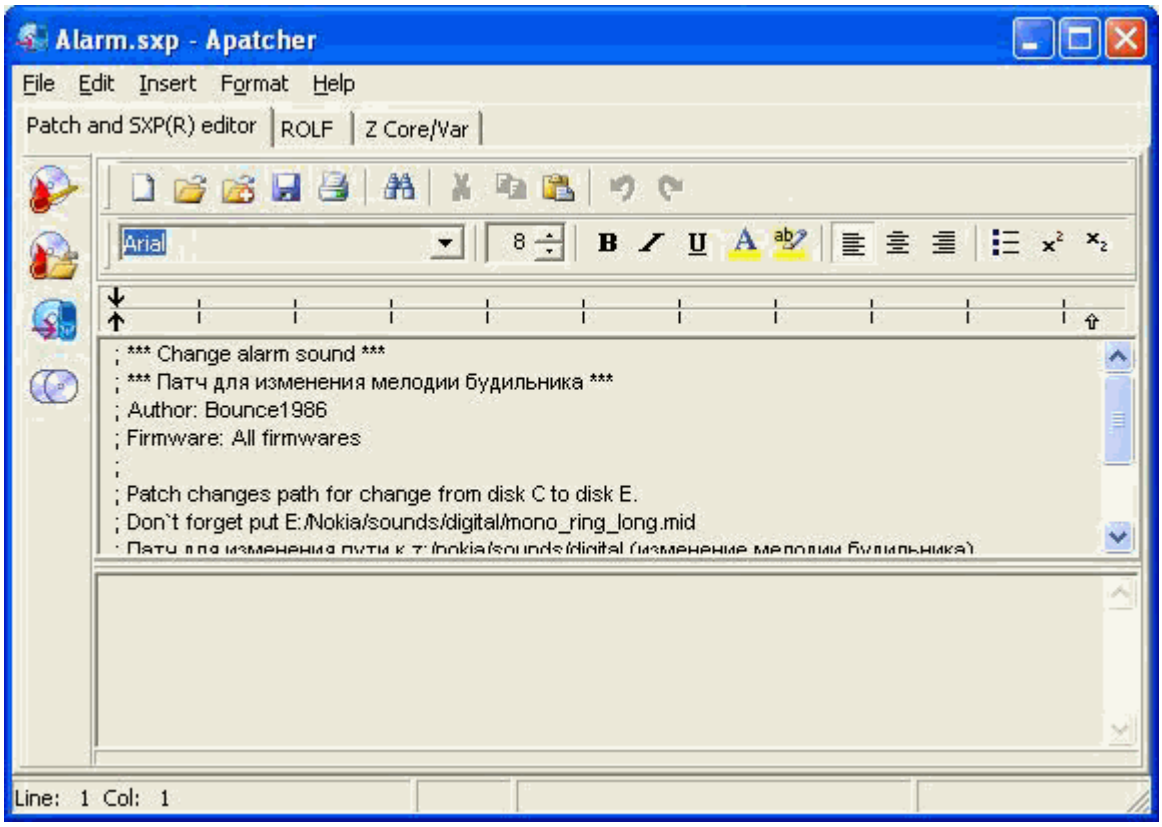
 Use this button to open the selected file in an external program associated with this type of file.

 This button can be used to open disk Z for viewing. It will open as a directory.

Working with Apatcher

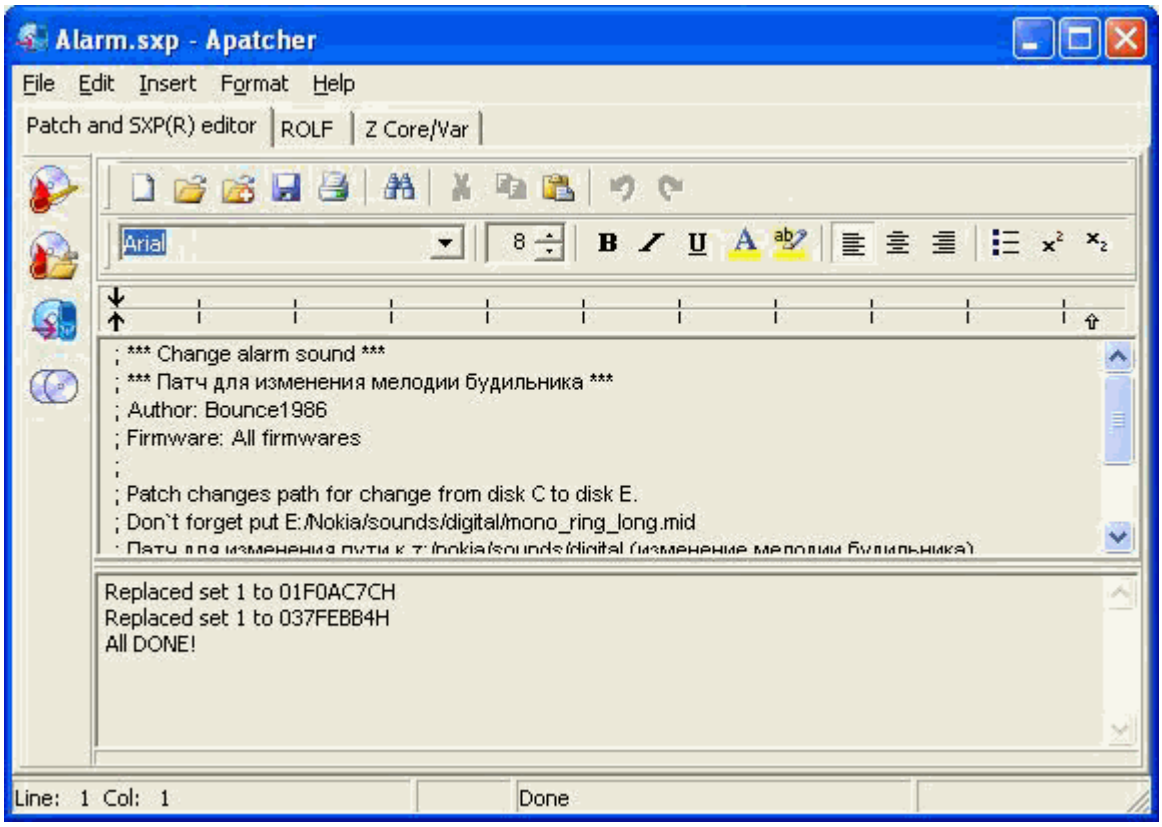
The basic functions of Apatcher are the same as Winswup Memory Patcher (WSMP).

1. How to apply patches using Apatcher to the phone.
First, we need a patch, which we can download, for example, from www.oslik.ru or www.siemensmania.cz .
Start Apatcher, select Open in the File menu, and select the desired patch (*.sxpr) in the displayed dialog box. Apatcher can also use (*.sxp) patches from WSMP.
Patcher-a window with uploaded patch:



Before applying the patch, it is necessary to run the swup firmware that you want to modify. The name of the running firmware must contain the word "siemens", you can download it for example at www.siemensmania.cz/firmware.php , but you must rename it.

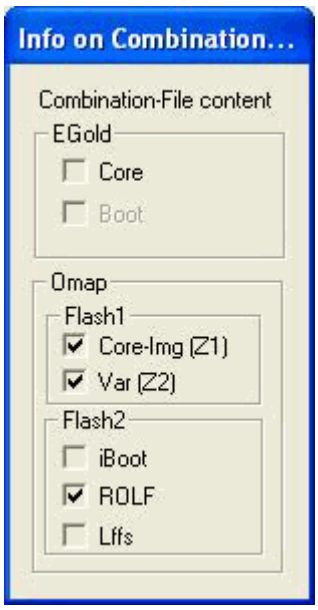
After starting the firmware, you have to click (Apply patch for RAM) in Apacher  to apply the patch.
Window with successfully applied patch:



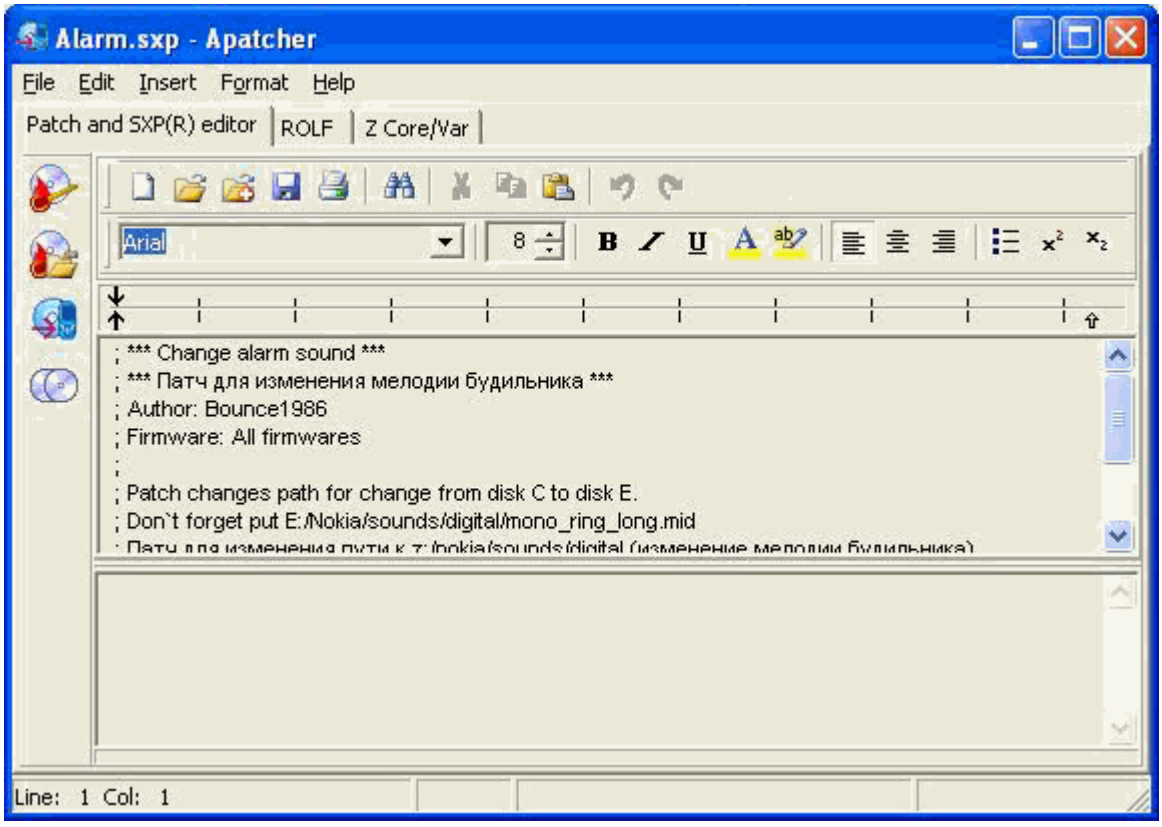
The message "All DONE!" informs us of success.

After this, do not close the swup firmware and upload the modified firmware to the phone (instructions are here: http://www.siemensmania.cz/content.php?id=47).

Warning:
If the new firmware is uploaded to the phone only because of patches (the firmware version does not change), then it is enough to check only the following items:

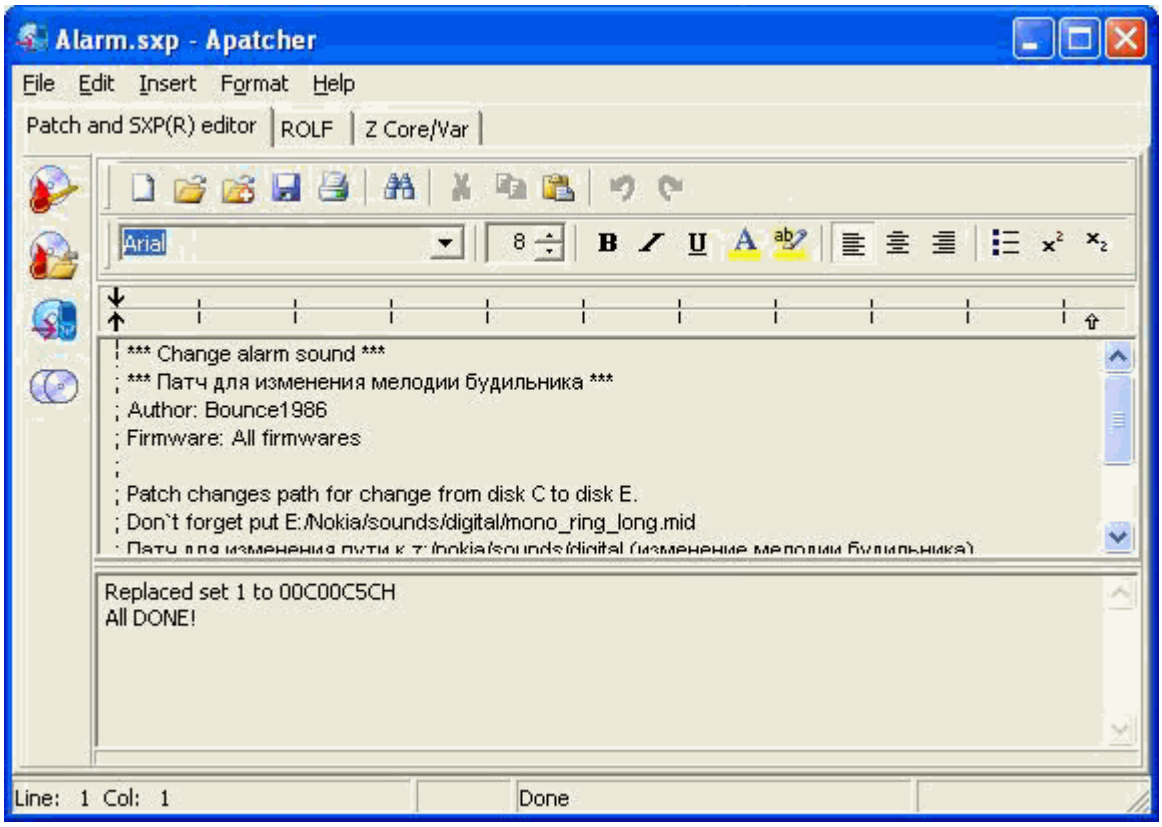


2. How to apply patches to a file.
We secure the necessary patch, start Apatcher, select Open in the File menu, and select the desired patch (*.sxpr) or (*.sxp) in the displayed dialog box.
Patcher window with loaded patch:



Then we click on  (Apply patch for file) and in the next dialog box we select the file with the firmware to which we want to apply the patch (e.g. XBI file).

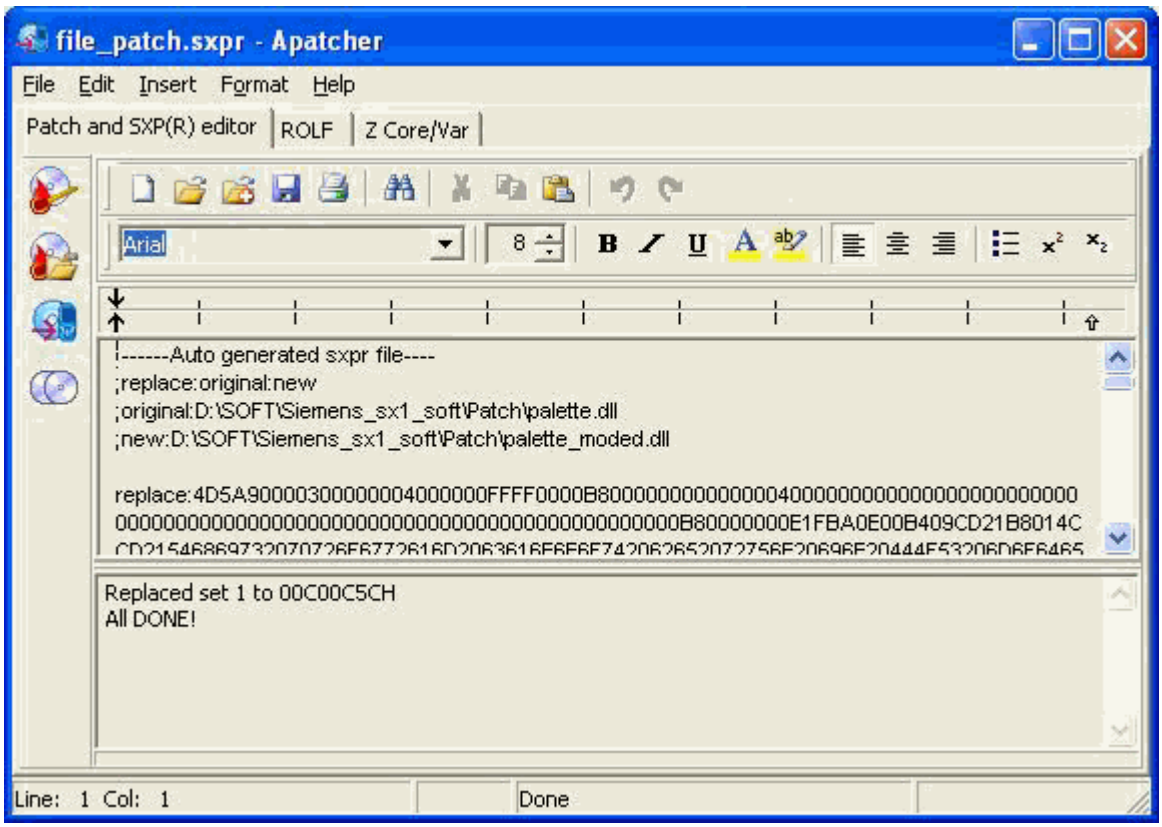
Window with patch applied:



The message "All DONE!" informs us of success.

3. Function (Save memory WinSWUP to dump file).
This function is used to save the PC memory with the running firmware to a file (for example for further study).

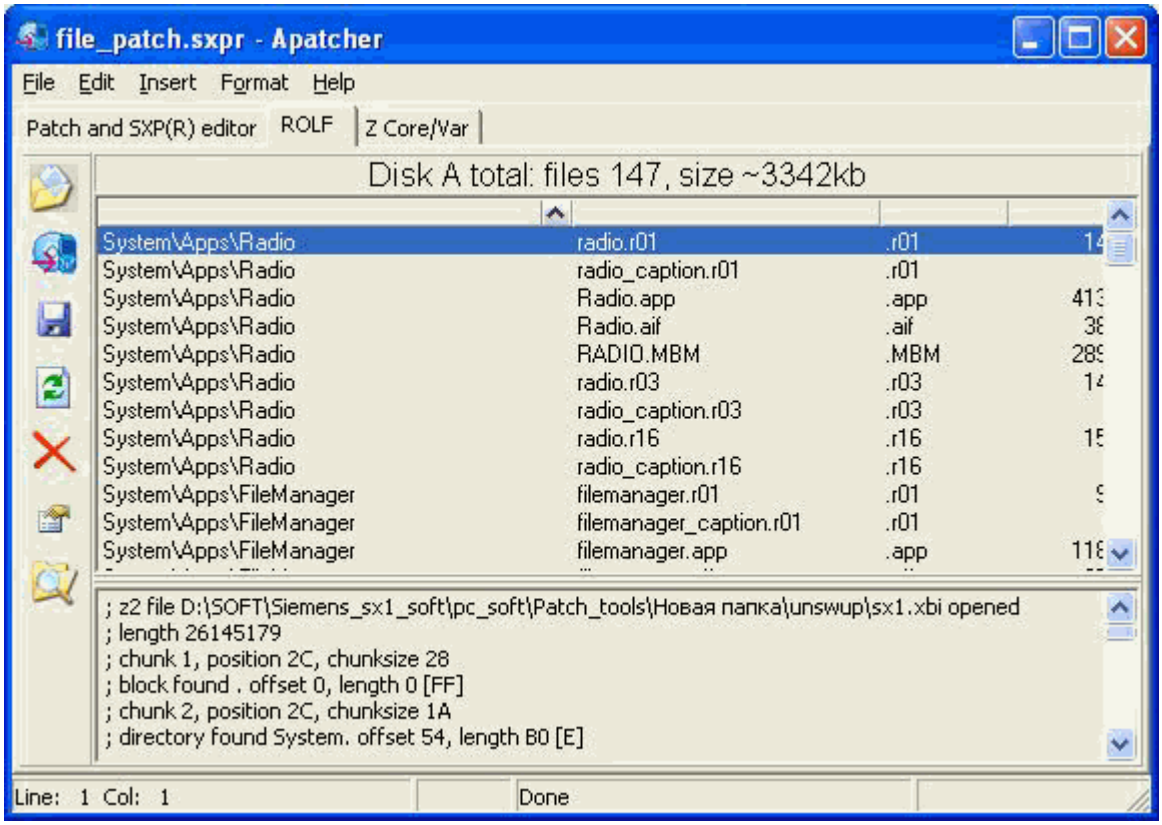
4. Function (Any file replacer).
It is used to create patches with the replacement of any file on disk Z or A. For example, for files that for some reason cannot be on another disk. In this case, the size of the modified file must be smaller than or equal to the size of the replaced file. After clicking on (Any file replacer), we select the original file in the dialog window, the modified file in the next dialog window, and write the name of the new patch in the third window.
Apatcher window with the generated patch:



The message "All DONE!" informs us about the success of the creation.

5. Working with disk A (ROLF).
After clicking on the ROLF tab, we get to the editor of disk A (ROLF) of the phone. Description and function of the buttons on the toolbar:

 (Open Swup dump) – serves to open a "dump" file from the firmware for extracting the data of disk A.
Apatcher window with disk A open:



 (Extract A from winswup memory) – serves to extract disk A from the running swup firmware.

 (Save disk A dump) – serves to save the edited disk A in a "dump" file. Using this function, it is possible to completely replace the entire disk A. For this function to work, you must have Apacker in the Apatcher directory.

 (Refresh) – serves to refresh the list of files.

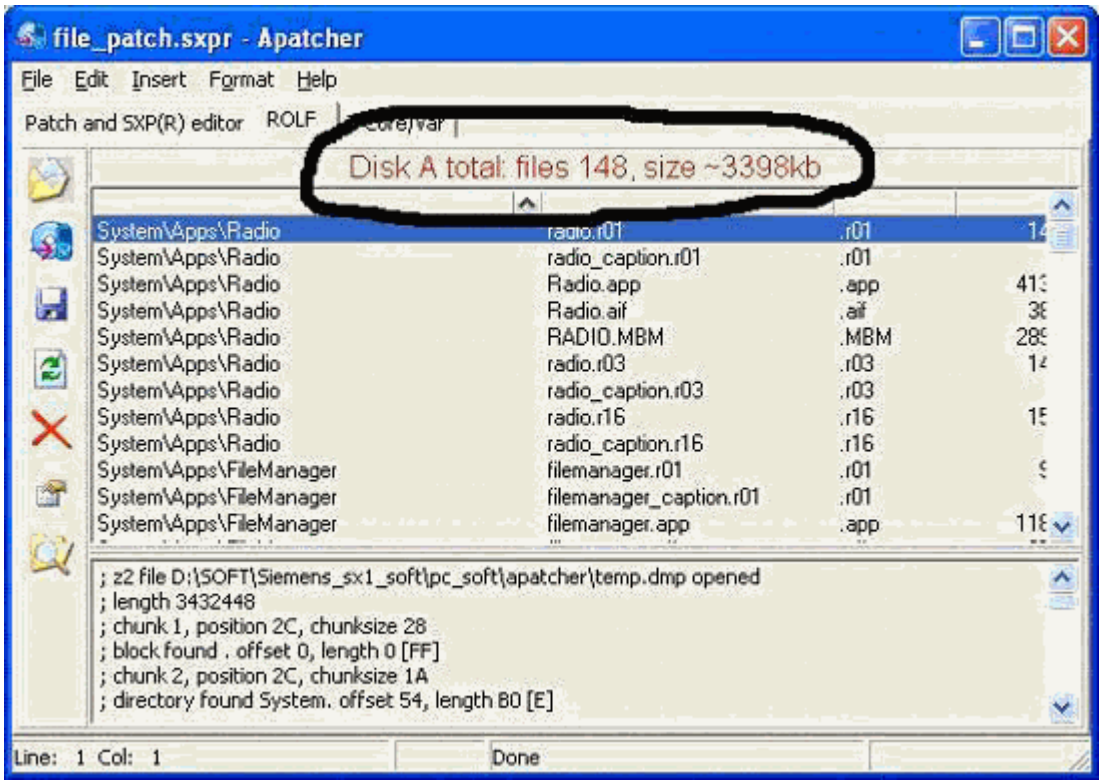
 (Delete current file from list) – serves to delete files from disk A.

 (Open file) – serves to open the selected file in an external program associated with this type of file, e.g. *.jpg using Adobe Photoshop.

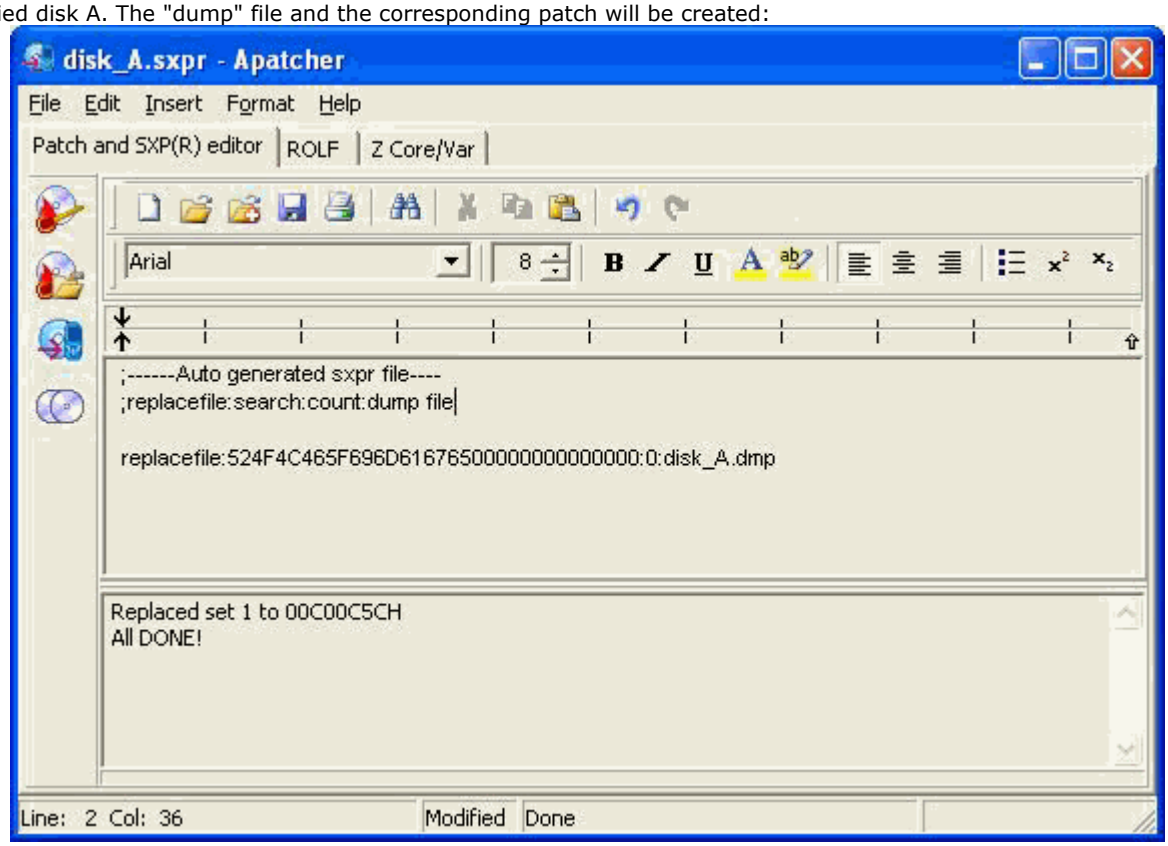
 (Explore Disk A folder) – opens disk A for viewing. It will open as a directory.

How to edit disk A:

Click  (Explore Disk A folder), disk A will open as a normal directory where you can simply delete, create files.  After you finish editing the disk, click (Refresh) on the toolbar .
- It is necessary to consider that disk A has a limited size of about 3.3MB. If you have exceeded it, the information about the number of files and the size of disk A will be highlighted in red:



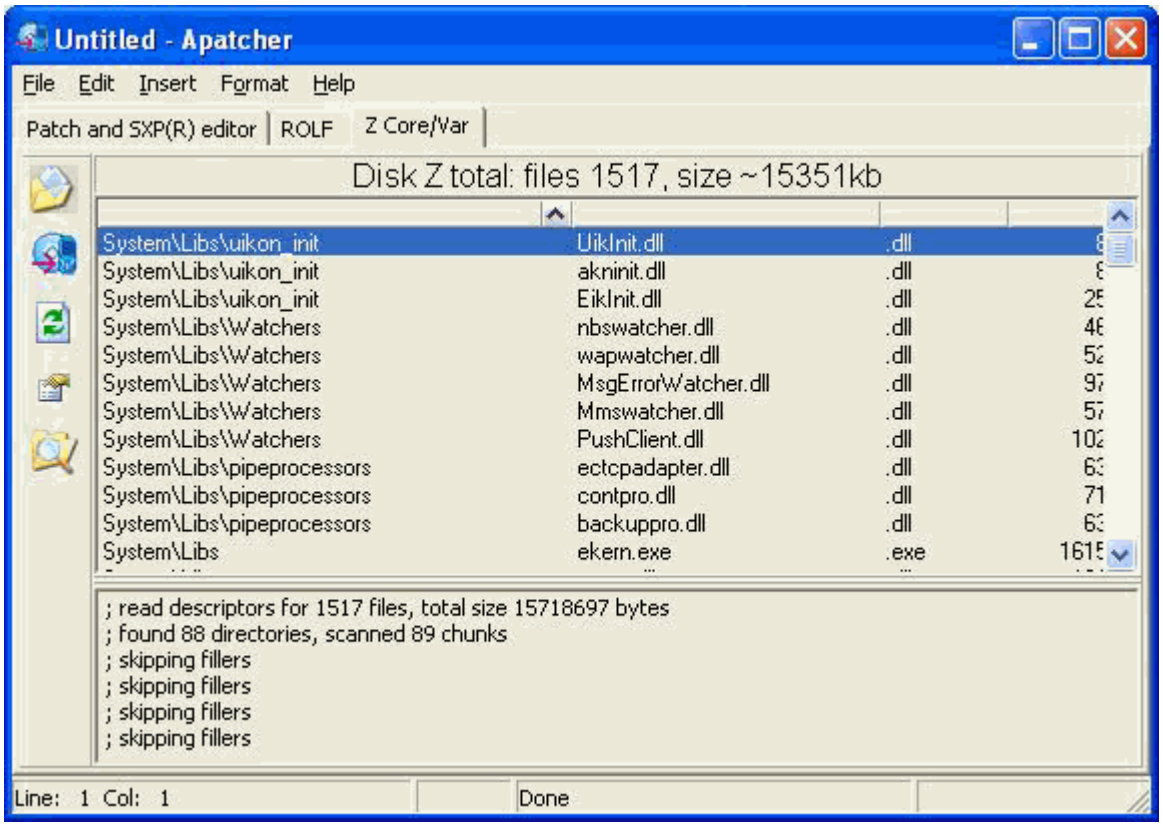
After finishing the modifications, click on  (Save disk A dump) in the following dialog, enter the name of the "dump" file with the modified disk A. The "dump" file and the corresponding patch will be created:



We can now apply this patch to the running firmware or to the XBI file.

6. Working with Z disk (Core/Var).
After clicking on the Z (Core/Var) tab, we get to the Z (Core/Var) disk editor of the phone. Description and function of the buttons on the toolbar:

 (Open Swup dump) – serves to open a "dump" file from the firmware for extracting the data of disk A.
Apatcher window with disk Z open:



(Extract Z from winswup memory) - serves to extract the Z disk from the running swup firmware.

(Refresh) – serves to refresh the list of files.

(Open file) - serves to open the selected file in an external program associated with this type of file, e.g. *.jpg using Adobe Photoshop.

(Explore Disk Z folder) – opens the Z disk for viewing. It will open as a directory.

So now you should be able to use Apacher.

(Translator's note: in the near future I will also bring a list and description of commands used in sxpr patches.)

The author of the article is **ficker** (www.oslik.ru).

Some additional links to www.oslik.ru

APatcher - Here discussion of the given program as here it is possible to find last version is conducted.
Patches here.
All about firmware here.
Themes FAQ by Z-TEAM
Firmware mod – how to make it.
