



**RedInfoTools**

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<https://redinfotools.ru/>

**Load news,  
edit texts**

**RedInfoTools** is a news aggregator with a text editor interface. The program allows to collect news, edit digests and information sources lists.

Thanks to this program, the user's news picture will be determined by his interests, not by search engines policies.

Privacy of work on the Internet is ensured: the results of the information selection will only be available to the user.

Another advantage of the program is grouping of news based on the similarity of their vocabulary, which significantly saves user's time.

The program can be used as a text editor, for forming of hierarchically structured projects in various subject areas (analytical reports, summary reports, scenarios, investigations, etc.).

## 1. INSTALLATION

System requirements: *Windows 7* and higher.

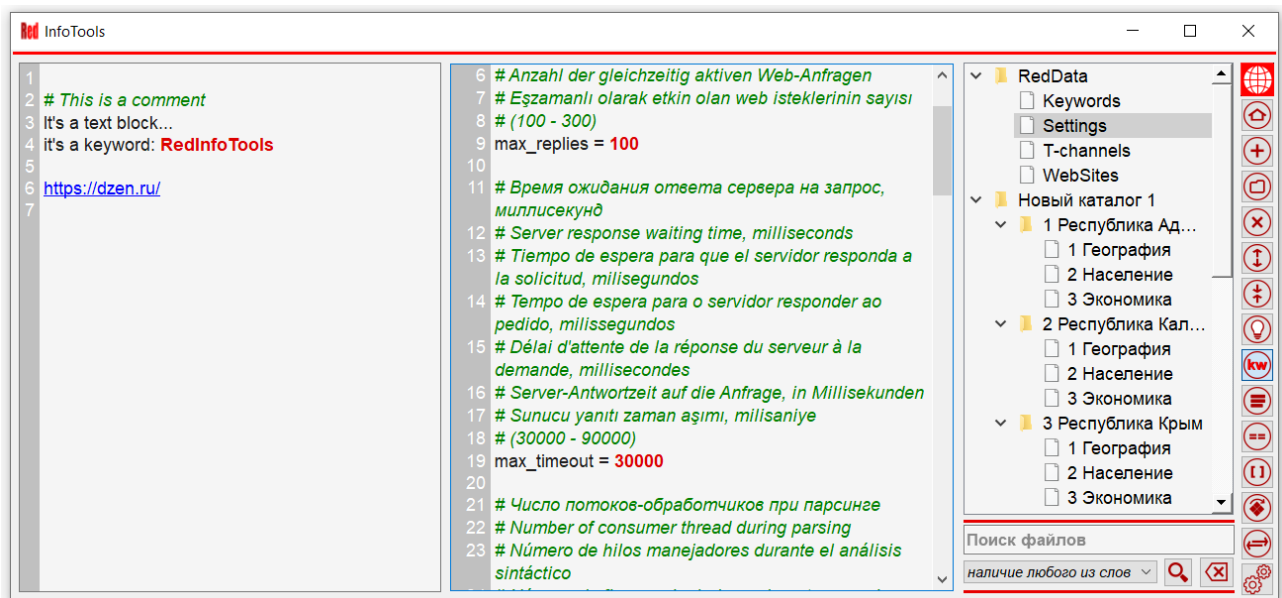
The program has external dependencies. Required libraries (**VC\_redist.x64.exe**, **Win64OpenSSL-1\_1\_1k.exe**) can be downloaded from the project's website or found on other resources:

- 1) <https://www.microsoft.com/ru-RU/download/details.aspx?id=48145>
- 2) <https://sourceforge.net/projects/openssl-for-windows/>

The program does not have a Windows digital certificate, since it is impossible to obtain it under the conditions of sanctions deployed against our country. This does not affect the operation of the program in any way. The only inconvenience is that the user has to additionally confirm that the application is safe and can be installed on the computer when installing it. The installation path of the program is *C:/RedInfoTools*.

If you decide to reinstall the program (for example, if a new version is released), it is recommended that you first export all data and import it again after installation. See page 4 for the information on import/export operations.

## 2. INTERFACE



The program has three workspaces separated by a splitter (the latter allows to adjust the size of each of them, as well as to hide them if necessary):

- 1) text editor on the left (static text buffer);
- 2) text editor in the center (displays the current file);
- 3) file browser on the right (TreeView).

On the right there is also a vertical row of buttons with tooltips.

The font size can be adjusted by rotating the mouse wheel while holding down the Ctrl key.



The program interface can be switched to one of the following languages: Russian, English, Spanish, Portuguese, French, German, Turkish. To do this, go to the settings – the icon of this button is shown on the left.

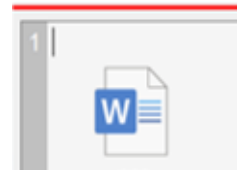
### 3. WORKING IN THE EDITOR

The functionality of both text editors is identical.

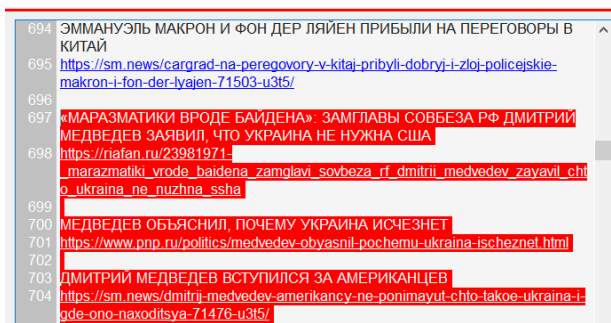
All changes are saved automatically every time the key is pressed.

Any text processed in the editor is converted to *plain* text in *utf-8* encoding standard.

It is possible to copy the text from **external text files** with the extension *docx*, *odt*, *txt*, or without it, by dragging and dropping. If the correct text cannot be obtained from the file, a link to a local resource is copied to the editor. The specified link will be opened by calling the application associated with the corresponding extension.



**Keyboard shortcuts** Ctrl+ are available: **A** (select all), **C** (copy), **V** (insert), **D** (delete the current line or selected fragment), **X** (cut), **Z** (undo), **F** (find, replace), **P** (print), **Q** (convert to uppercase), **S** (save file as), **1** (sorting), **E** (removing extra whitespace characters), **3** (shortening), **W** (opening one link or a group of links).



For local resources, you can open only one link, for web resources - up to 20 links (in the browser). To open a link, it is necessary to put a text cursor on it, or the link (links) must be located in the selected text fragment. If there are more than 20 links to web resources in the selection, the first 20 of them will be opened, and the rest will be ignored.

**Highlighting** is provided for local and web links, comments, numbers and keywords.



**Keywords** allow you to navigate within the text better. If users want individual concepts, names, names of organizations, etc. to be highlighted in the text, they need to specify them in the *RedData/Keywords* file. Words (roots of words) are given one by one from a new line. The highlighting of keywords can be turned on by the **kw** button. It is disabled by default. The use of keyword highlighting in large documents may slightly slow down opening of files.



It is possible to **compare texts** in both editors (the == button). Matching paragraphs are highlighted in color. The order in which they are given is not taken into account.



**Auto-completion** is disabled by default. You can enable it in the settings. Autocompletion generates hints for each editor based on the text opened in it. If the number of unique words (case-sensitive) in the editor exceeds 60,000, auto-completion is disabled.

The module "search and replace" provides the possibility of using **regular expressions** in the search string, including standard designators: \n, \r, \t, \d, \D, \s, \S, \w, \W, {}, [], +, \*, ?

Commented lines start with the # character. Links to web resources and telegram channels commented out in this way are not processed during the news loading process, and keywords are not highlighted.

#### 4. FILE AND DIRECTORIES PROCESSING

The file browser allows you to create, delete, rename and drag items (dragging is not provided for directories). You cannot perform the above-mentioned manipulations with the *RedData* **system folder** and its files:

*Keywords* (contains keywords);

*Settings* (contains performance settings);

*WebSites* (here the user specifies the URLs of the pages to monitor);

*T-channels* (here the links to Telegram channels are indicated).



For convenience, the *RedData* catalog can be hidden/displayed with the button shown on the left.

It is possible to **search for files** based on the presence of a set of words in the text or in the absolute path of the file. The search results display the files you are looking for and additionally generate a text file (*found\_...*) with a list of found items.



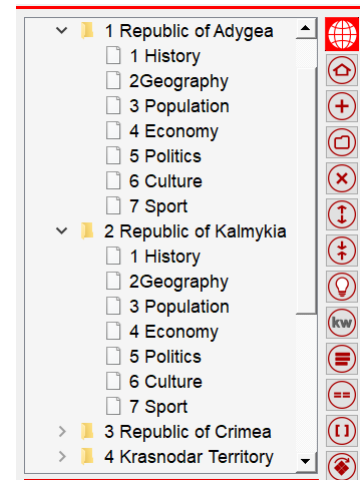
Moving through the file browser is done by clicking on the corresponding element. To return to the root element (to create a directory or file at the top level), use the upper-right "home directory" button.

To conveniently transfer projects (all or individual directories) to another computer, you can use the **import/export functions** that process the program's archive files with the *red* extension. It is also possible to export/import the download session history (transfers media lists, telegram channels and a database of previously viewed URLs to another computer). This will allow to continue monitoring the news on another computer from where you stopped.

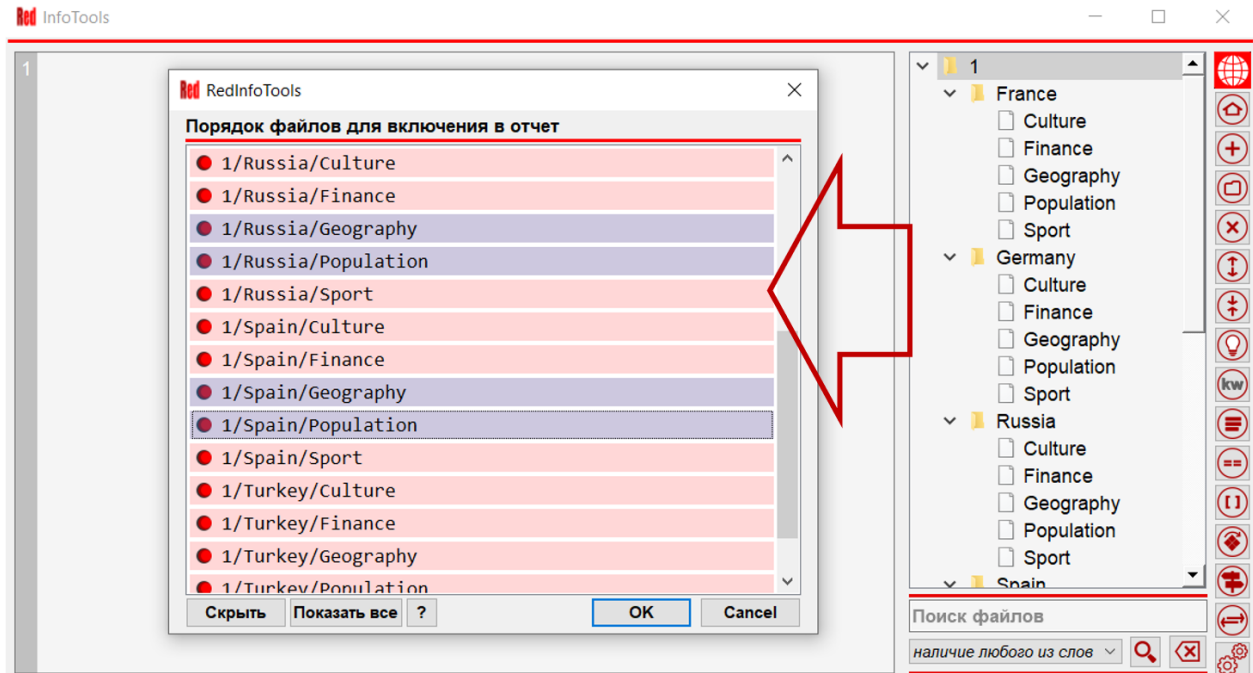




In order to put together the text files of the project, distributed across many folders, you need to select the directory the contents of which you want to export and click the button shown on the left. In the resulting document, the texts of the source files will be given in the same order in which they are presented in the file browser. In the latter, all the elements are sorted by name in alphabetical order. In this regard, in order to ensure the desired order of the elements (and the order in which they are combined into a summary file), it is recommended to use numbering at the beginning of the names of files and folders. An example of this approach is shown on the right.



Before generating the summary report, a dialog box will appear with a list of files to be merged. You can change their sequence by dragging, or delete list items by pressing Delete or Backspace. You can cancel the deletion by pressing Escape. You can also perform the specified operations with a group of files. To select several files in any order, hold down the Ctrl key, to select consecutive items – hold down the Shift key.



When processing textual information, one often faces the need to quickly sort the blocks of text (paragraphs) into individual topics/categories. For these purposes, the **RedScatter** sub-program is provided (from the word "scatter"). Just select the desired file and press the key shown on the left.

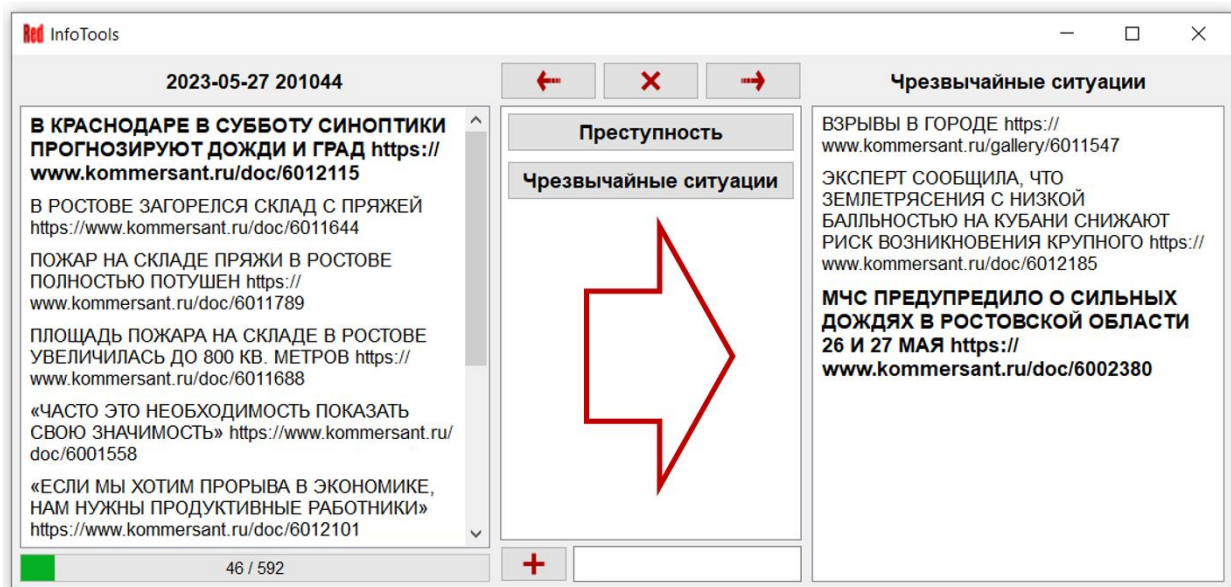
In the resulting window, the original list of blocks will be presented on the left, and the area on the right where the selected text blocks of the current category/topic are displayed. In the center is the area of the categories list. Categories can be quickly added if necessary (a panel with a "+" button and a text field). By clicking on the button of any category, you move the current element of the source list (located at the top left, highlighted in bold) to the right field, where this element is placed at the bottom and also highlighted in bold). Simultaneously, the name of the selected category is displayed at the top of the right panel.



To avoid performance degradation, only 10 items (first and last, respectively) are displayed in the source and final text lists. This allows you to see the current context. The file processing progress is displayed in the corresponding widget at the bottom of the left field.

To shut down the program, just close the window. All changes made will be saved. As a result of the processing, a *Scatter* folder is created, containing the directory with the current date and time as its name. Files with category names are placed in this directory. The selected blocks are recorded in them.

If a block of text is deleted during the selection (the "X" button, the "deleted" category displayed), it will not be included in the result. If the block is skipped (the "right arrow" button, the displayed category is "unsorted"), then it will be placed in the unsorted file when the result is output. By default, this category is assigned to all blocks. Also, all operations can be canceled by pressing the "left arrow" button sequentially).



The following additional functions are available for working with the file system:

- 1) creating a set of directories with a set of files (a list of directories and a list of files are specified), all of them are placed in a separate empty directory;
- 2) transposition of the above structure (the names of directories and files are swapped)/

These functions are useful for changing the data grouping principle before generating a summary document.

## 5. DOWNLOADING NEWS

To download the news, you will need to specify the sources (and/or):

- 1) Web pages (headings) of interest to the user in the *RedData/WebSites* file;
- 2) Telegram channels in the *RedData/T-channels* file.

Each source must be specified from a new line.

### RedData/WebSites

```

1 # Русский
2 https://www.kommersant.ru/
3 https://vz.ru/
4 # English
5 https://www.rt.com/
6 # Español
7 https://actualidad.rt.com/
8 # Português
9 https://www.rt.com/tags/portugal/
10 # Français
11 https://francais.rt.com/
12 # Deutsch
13 https://de.rt.com/
14 # Türkçe
15 https://www.sabah.com.tr/

```

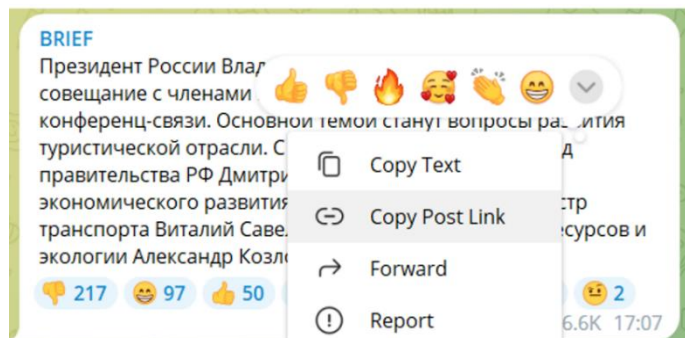
### RedData/T-channels

```

1 # Русский
2 https://t.me/s/rusbrief/113429
3 https://t.me/s/russica2/51661
4 # English
5 # Español
6 # Português
7 # Français
8 # Deutsch
9 # Türkçe

```

The links for telegram channels must be copied to the *RedData/T-channels* file from the Telegram application. Each Telegram message has a serial number. After each download, the message number on the list is replaced with the number of the last message of the telegram channel.

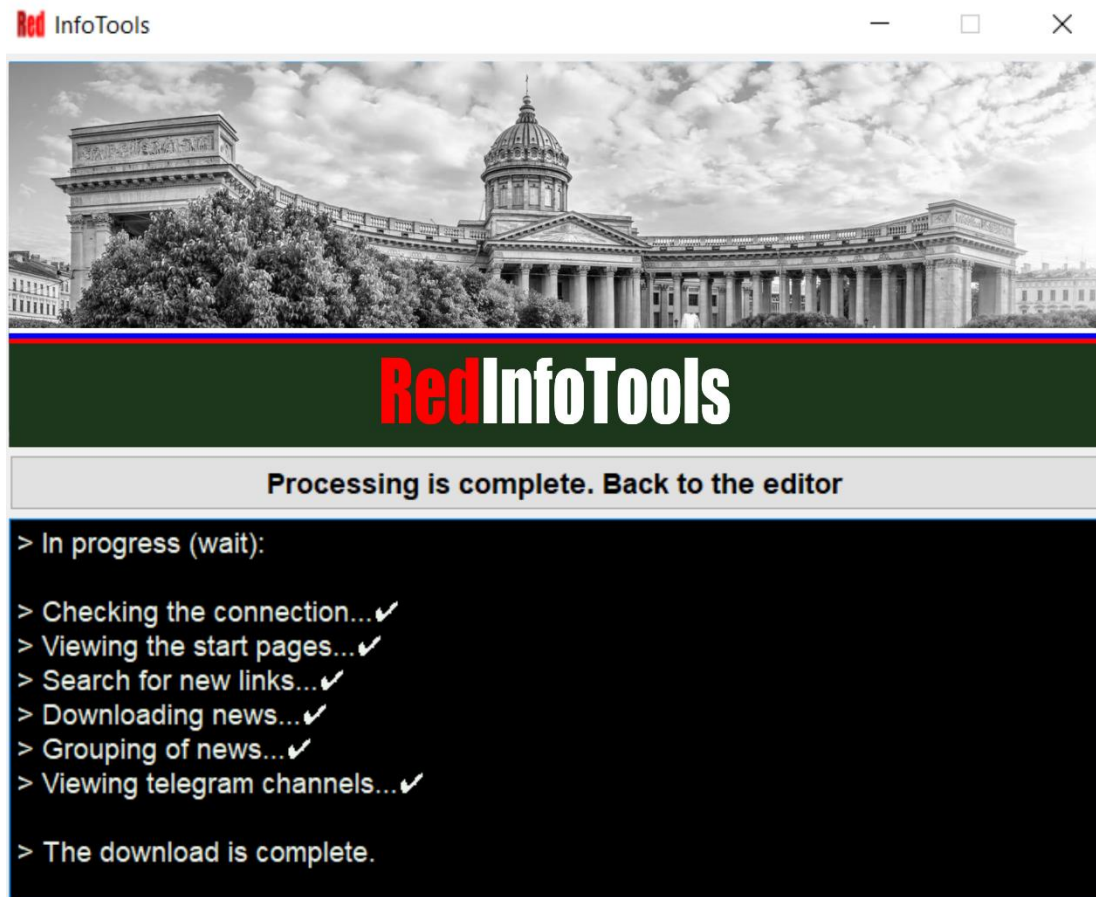


Social networks are not processed.



The news loading subroutine is called by the red button. Sites connected for the first time during the first download are only scanned (all the links found are recognized and inserted into the database of viewed URLs). In the future, they are processed in a general order (with text extraction).

Below is a picture of the program window status after the news download is completed. It lists all the stages of the specified process.



**Important:** When downloading news for the first time after installing the program, the operating system will require the user to grant execution permissions for the service routines: *RedInfoTools.exe*, *RedProgress.exe*, *RedMaster.exe*. The last-mentioned subroutine must be given full access to work with the network. Otherwise, the program may terminate incorrectly and subsequently be blocked by the operating system on your computer.

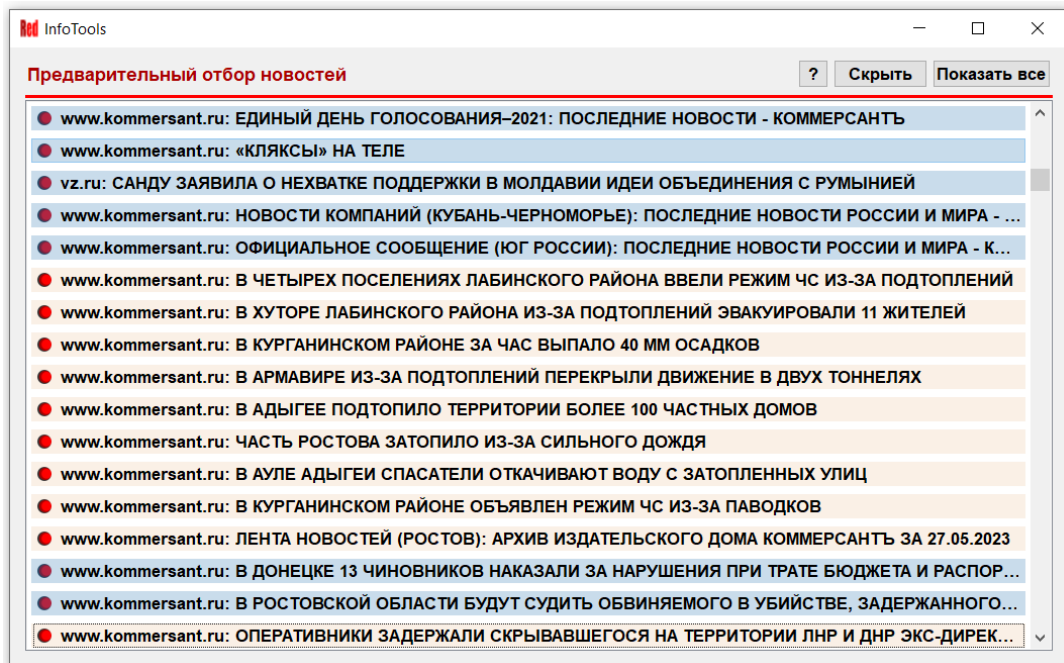
The download result is placed in the digest file. To do this, the Monitor folder is formed (if absent, it is created anew).

After the download is complete, you will be prompted to go back to the editor. When you click the corresponding button, a window will first appear with a list of news, each of which is presented in a compact form (without urls, without empty lines between the news).

This option significantly reduces the time of manual news selection. You can select individual files or multiple lines that you are not interested in and delete them. You can also change the sequence of messages by dragging them.

To select several files in any order, hold down the Ctrl key, to select consecutive items, hold down the Shift key. To delete the list items, press the Delete key or the Backspace key. You can cancel the deletion by pressing Escape.





### The digest includes:

1) media reports grouped by subject;

2) telegram channel messages in chronological order;

3) download error messages.

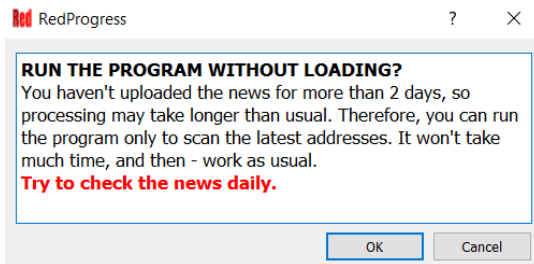
```

1 # ПРИМЕР СТРУКТУРЫ ДАЙДЖЕСТА
2
3 ГЛАВА КРЫМА АКСЕНОВ СООБЩИЛ, ЧТО НАД ФЕОДОСИЕЙ СБИЛИ
4 ЗАПУЩЕННУЮ СО СТОРОНЫ УКРАИНЫ РАКЕТУ - РОССИЙСКАЯ ГАЗЕТА
5 https://rg.ru/2023/04/08/reg-ufu/glava-kryma-aksenov-nad-feodosiej-sbita-raketa-
6 zapushchennaia-so-storony-ukrainy.html
7
8 РАКЕТА, ЗАПУЩЕННАЯ СО СТОРОНЫ УКРАИНЫ, СБИТА НАД ФЕОДОСИЕЙ —
9 АКСЕНОВ
10 https://www.ng.ru/news/764051.html
11
12 НАД ФЕОДОСИЕЙ СБИТА РАКЕТА, ЗАПУЩЕННАЯ С УКРАИНЫ - АРГУМЕНТЫ
13 НЕДЕЛИ. КРЫМ
14 https://an-crimea.ru/page/news/192980
15 (...)
16 Telegram channel "Мир сегодня с Юрий Подоляка"
17 https://t.me/yurasumy/108224
18 Обстрел Феодосии. По данным губернатора Крыма, это была ракета. Она успешно
19 сбила. https://t.me/Aksenov82/2325 Расстояние до фронта примерно 250-300 км. А
20 отсюда это может быть как дальнбойной ракетой Хаймерса , так и попыткой
21 очередного испытания ОТР Гром-2 (кстати, эта ракета была впервые запущена
22 ВСУ и перехвачена ПВО еще 30 марта). И, кстати, от полигона (в Одесской
23 области), где Гром-2 сейчас...
24 (...)
25
26 # LOADING ERRORS =====
27 https://rostvgazeta.ru/
28 https://rostvgazeta.ru/news

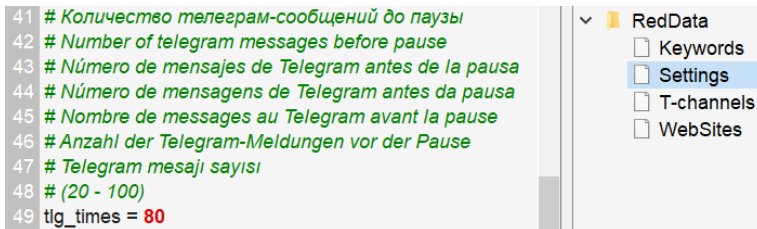
```

News should be checked daily. It will only take you a few minutes to download (depending on the number of sources). The results will be saved in digest files, which will be available at a convenient time for you.

If you do not download data for several days or more, then the amount of information to process will multiply, which, accordingly, will require more time to complete the work. To skip the processing of accumulated information and continue to work with new news items, you can download in scanning mode. In scanning mode, the program will extract and save the accumulated links of websites and telegram channels in the database as viewed without creating a digest. And then you will be able to continue working as usual.



The ability to scan sources without downloading will be offered to the user if the news has not been downloaded for more than two days. To continue working in normal mode, click *Cancel*.



The Telegram channels processing speed is limited by the need to maintain pauses between inquiries to this service. This and other settings affecting the program can be changed in the *RedData/Settings*

text file.

## 6. ERROR DIAGNOSTICS

Error messages are placed on the Desktop in the *RedLogs* directory (created automatically). This information as well as comments and suggestions for improving the program can be sent to the developer: [mail@redinfotools.ru](mailto:mail@redinfotools.ru)