

Description and instruction manual of the utility UPC9_U2

Description of UPC9_U2

Purpose of UPC9_U2 utility

The utility UPC9_U2 is one of two auxiliary programs for working with the Universal Processing Center (UPC) 9 MNIS 1.0, in which is executed the centralized solution (in network or local mode) of users' tasks on optimizing control of discrete processes of various purposes. This utility is designed to notify a specific user about incoming from UPC to him of the files with the following information:

- ❑ with the results of executing his requests of two types: 1) tasks protocols of this user and 2) files of registering events on solving his tasks;
- ❑ with the results of solving user's optimization tasks.

View of the UPC9_U2 utility window

The figure below shows the UPC9_U2 utility window, which is displayed for *50 seconds* after its launch in the lower right corner of the monitor screen, provided that at least one file from UPC is placed to the specified folder with the result of the user's request or of the task solved for him. The following text is displayed in header of this window: "Notification of receiving files from UPC 9 MNIS 1.0".

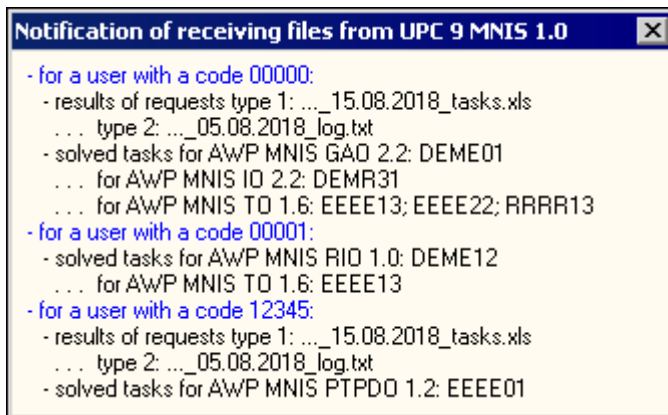


Fig. Window of the utility UPC9_U2

File name formats for working with UPC9_U2 utility

The file names with request results for this user have the following formats:

- ❑ for a file of type 1 request result: `_<five-digit numerical user code>_<date of forming this file in UPC>_tasks.xls`;
- ❑ for a file of type 2 request result: `_<user code>_<date of registering events in UPC>_log.txt`;

The file names with results of solving tasks for this user have the following formats:

- ❑ `<eo/gao/hio/io/mbo/ptpdpo/rio/to><user code>_<six-digit task cipher>_out.dat`;
- ❑ `<про><код пользователя>_<two-digit task number>_out.dat`.

Instruction manual of UPC9_U2 utility

Installing UPC9_U2 utility

1. Put to a separate folder of your computer a set of files of two utilities for working with UPC 9 MNIS 1.0: UPC9_U1 (the other utility) и UPC9_U2 (the present utility).
2. Check the composition of this set, which should include the following files:
 - boot files **UPC9_U1.exe** and **UPC9_U2.exe** of these utilities;
 - their configuration file **ConfigU**;
 - contents of the folder **ConfigU templates**:
 - in the subfolder **eng**: a variant of **ConfigU** file with the given *English* language of interfaces of both utilities;
 - in the subfolder **rus**: a variant of **ConfigU** file with the given *Russian* language of interfaces of them;
 - contents of the folder **User documents**:
 - files of two English-language documents in the subfolder **eng**:
 - **Description and instruction manual of UPC9_U1.doc**;
 - **Description and instruction manual of UPC9_U2.doc** (file of this document);
 - files of two such Russian-language documents in the subfolder **rus**:
 - **Описание и инструкция по эксплуат. UPC9_U1.doc**;
 - **Описание и инструкция по эксплуат. UPC9_U2.doc**.
3. Determine whether you will change the various settings of the utilities UPC9_U1 and UPC9_U2, which are specified by default in the file **ConfigU**, but not just the language of their interfaces. In the first case, open this file in any editor, make the necessary changes to the parameters specified there and then save it. In the second case, in the operating system (OS) Windows copy the sample file **ConfigUU** from the subfolder

eng (or **rus**) of the folder **ConfigU templates** to the utilities installation folder instead of the sample file of the same name, thereby setting the English (or Russian) interface language for both utilities.

4. Determine in what mode you will operate the utility **UPC9_U2**: in automatic or manual one. In the first case it will periodically run by Windows_OS through the preset time interval (in the mode of the assigned task), and in the second case — at your desire, when this will be necessary. Depending on the mode you choose, do one of the following:
 - if you select automatic operation mode of **UPC9_U2**, do the following:
 - select the Windows command **Start⇒Programs⇒Standard⇒Utilities⇒Assigned jobs**), opening its dialog with the same name;
 - run in this dialog the command **File⇒Create⇒Assigned jobs**, creating in its work area a new row and assign it a name " **UPC9_U2**";
 - double-click on this row to open a dialog **UPC9_U2** with three tabs;
 - in the tab **Job** of the window **UPC9_U2** specify the path to the executable file **UPC9_U2.exe** (the button **Review**), and set the two lower checkboxes;
 - in the tab **Schedule** of this window, as well as in an additional window, opened by the button **Add**, set for **UPC9_U2** the job assignment interval equal to *1 minute*;
 - if you select the manual operation mode of this utility, create a shortcut for its file **UPC9_U2.exe**, placing it on the desktop of your computer.

Operating procedure with **UPC9_U2** utility

When the window of this utility appears on the screen of the monitor, look through in it the lines of blue color and if among them there is a line with your user code, check under it the list of files came from UPC which relate to you. If there are files with the results of your requests (they will be displayed first in order), they can be transferred to the specified folders using the other utility (**UPC9_U1**) for later viewing there. If among them there are files with results of solving in the UPC of your tasks, they can be transferred to the desired folders with the help of the automated work places of multilingual network instrumentation systems (**AWP MNIS**) indicated here, in which these tasks were created.