



Gipter UI description

version: 3.6.9

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Don't you worry!
My minions will take care of your copyright items!

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Important

This is not an instruction how to set up the Gipter!!! It is a description of UI. Instruction can be found on the [github](#).

Requirements

You need Java 8 installed on your computer. You can download it [here](#).

Launching in UI mode

UI mode is set as default. Just double click on the Gipter.jar and that's it. If you have any problems then use the right click option and pick 'Open with' then choose 'Java(TM) Platform SE binary'.

Launching in command line (CLI) mode

Open PowerShell, go to Gipter home and then use this command:

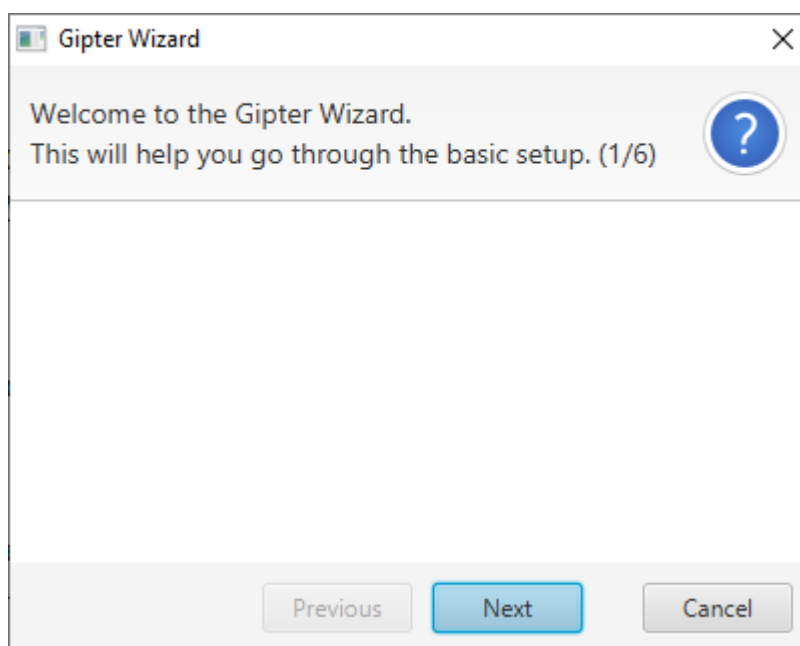
```
java -jar Gipter.jar useUI=N
```

or create a file with extension *.cmd and copy paste the above instruction to it. Place the file in the Gipter home directory and double-click it. You will launch the command window in which Gipter will be executed.

Wizard

If you are executing the application for the first time you will find a short wizard that will help you get through the basic configuration. Depending on which options you pick the number of screens could vary. Here you can see all the screens you can encounter in order:

Welcome screen – with the surprise that you need to discover by your self ;)



Configuration details screen – this is screen number 2 where you need to enter configuration name and upload type. If you do not enter the name then the default value for it will be set. Default value is 'wizard-config'.

Gipter Wizard

Enter configuration details. (2/6)

Name

Upload type SIMPLE

Previous Next Cancel

Toolkit credentials screen – screen number 3 where you need to enter your credentials to Toolkit. Just remember it is NCDMZ domain login and password.

Gipter Wizard

Enter Toolkit credentials. (NCDMZ domain credentials) (3/6)

Username

Password

Previous Next Cancel

Author screen – screen number 4 where you need to enter author of the item. In simple words if you are using git repository then author is *git user.name* from git config and committer email is *git user.email* from git config.

Gipter Wizard

Enter committer details. (4/6)

Authors

Committer email

Previous Next Cancel

Path details screen – screen number 5 where you need to choose project, from which you will generate you copyright item and choose the location where generate copyright item will be stored on your computer.

Gipter Wizard

Paths details (5/6)

Add

Add

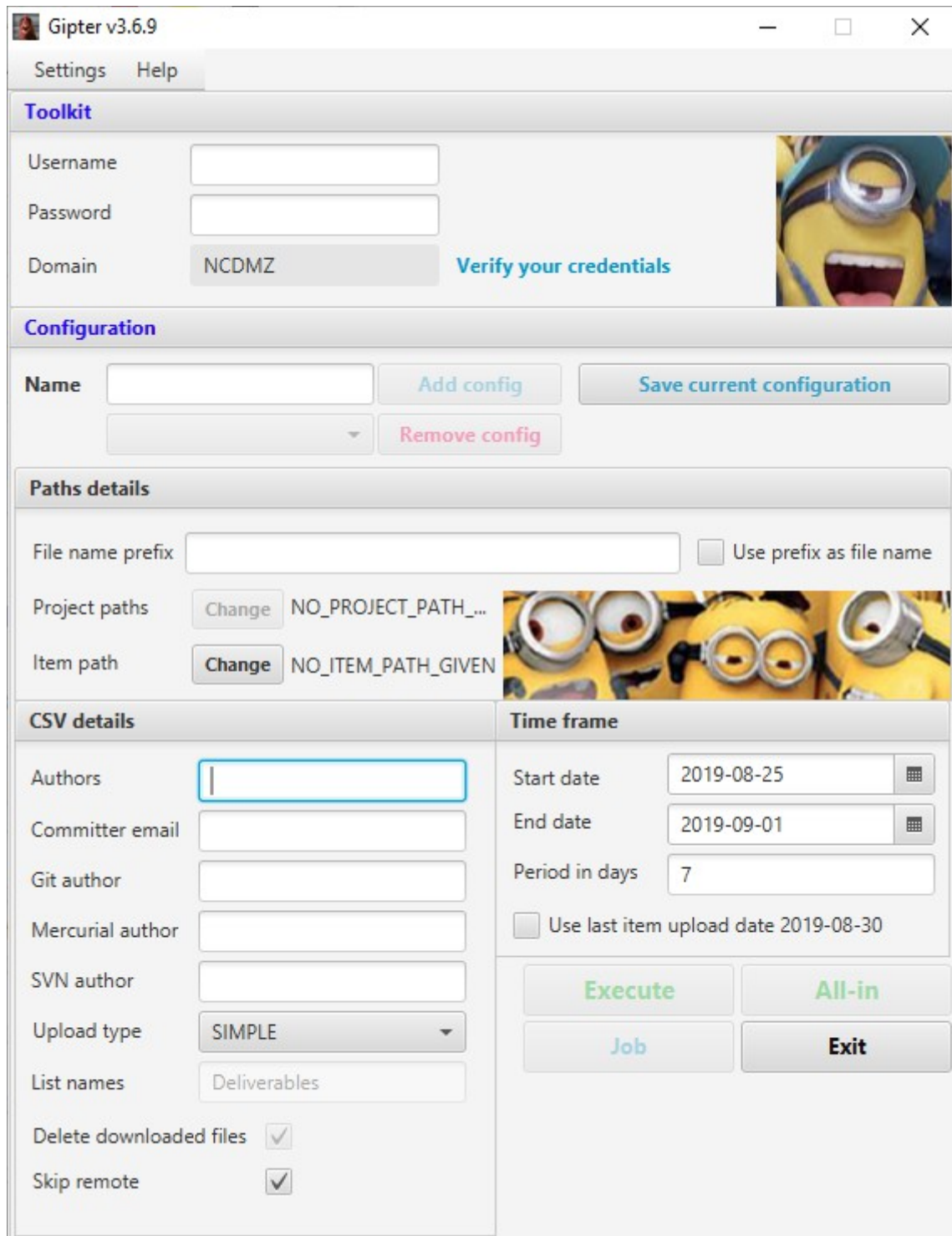
Previous Next Cancel

The last screen is final where you will find nothing more but Finish button.

As I mentioned at the beginning of this paragraph the wizard is launched by default when you execute the application for the first time, but also the wizard can be launched from *Help* menu manually. You will find the description of that further in this instruction.

Description of main window

All parameters are described [here](#).



The screenshot shows the Gipter v3.6.9 application window. The window has a title bar with the application name and version, and standard window controls. Below the title bar are two tabs: 'Settings' and 'Help'. The main content area is divided into several sections:

- Toolkit**: Contains fields for 'Username', 'Password', and 'Domain' (set to 'NCDMZ'). A 'Verify your credentials' link is present. A Minion character image is on the right.
- Configuration**: Contains a 'Name' field, 'Add config' and 'Remove config' buttons, and a 'Save current configuration' button.
- Paths details**: Contains 'File name prefix' field, 'Use prefix as file name' checkbox, 'Project paths' (with 'Change' button and 'NO_PROJECT_PATH_...' text), and 'Item path' (with 'Change' button and 'NO_ITEM_PATH_GIVEN' text). A Minion character image is on the right.
- CSV details**: Contains fields for 'Authors', 'Committer email', 'Git author', 'Mercurial author', 'SVN author', 'Upload type' (set to 'SIMPLE'), 'List names' (set to 'Deliverables'), 'Delete downloaded files' (checked), and 'Skip remote' (checked).
- Time frame**: Contains 'Start date' (2019-08-25), 'End date' (2019-09-01), 'Period in days' (7), and 'Use last item upload date 2019-08-30' checkbox.

At the bottom right, there are four buttons: 'Execute' (green), 'All-in' (green), 'Job' (blue), and 'Exit' (black).

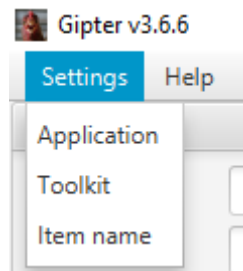
This is the reflection of all parameters that are defined in the Gipter application. You should know how to set them. What's important here is toolkit credentials. Use NCDMZ credentials. Once you enter the credentials you can verify them by pressing the link **Verify your credentials**.

Menu

On main window you have the access to menu. There are two different menus: Settings and Help.

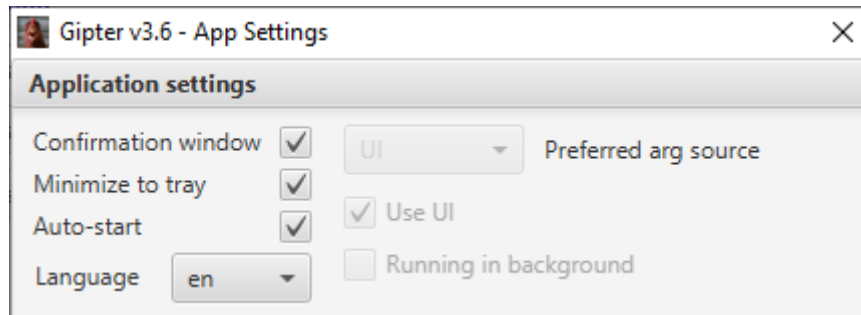
Settings

Under 'Settings' you have three different type of menu items:



Settings → Application

displays window where you can change the behaviour of the application:





You can manipulate these settings as you want.

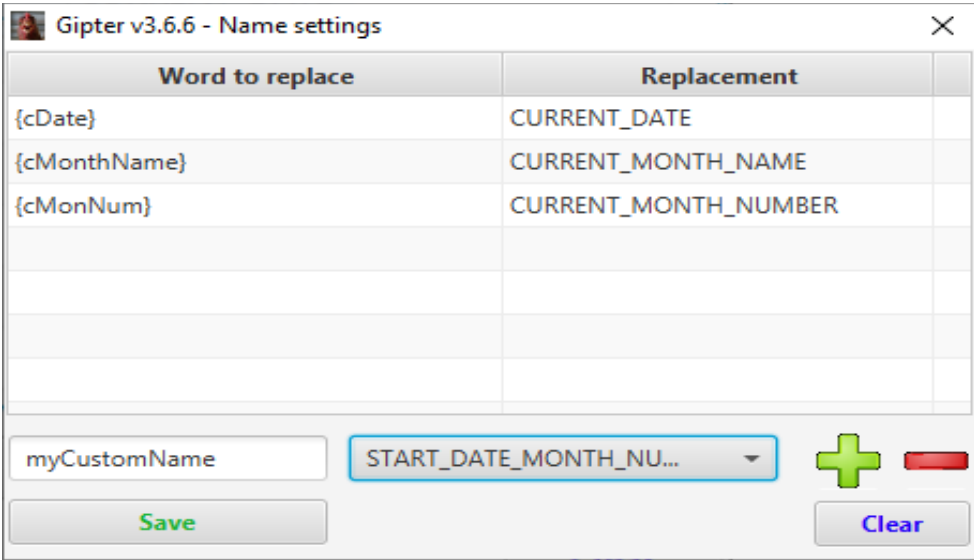
Settings → Toolkit

displays window with toolkit settings. At this window you can not set anything. What you can do here is you can go to your copyright items in toolkit. To do so just press blue link.



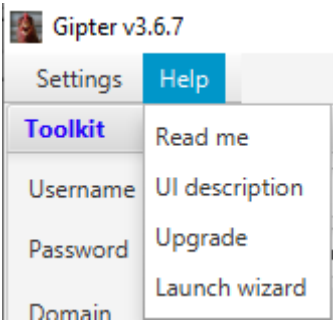
Settings → Item name

displays window where you can create your definitions of patterns that you want to use in item name. You need to enter your custom name in text field, choose value you want to assign to that custom name and press  . New entry will appear inside the table view. If you want to remove it then mark entry/entries and press  . If you want to change it then repeat the same steps as for creation. When you are ready then press Save button. The settings will be set. If you press Clear button then you will remove all entries from the table view. Now you probably want to know where you can use these entries? Please read the section with custom item name.



Help

The second menu item is '**Help**'. I can imagine that you may have some problems with the application so here you have the place where you can find your answers.



Read me

Takes you to the page on the Github, where you can find description of all parameters.

UI description

Opens this document, if it is located in Gipter's home directory.

Upgrade

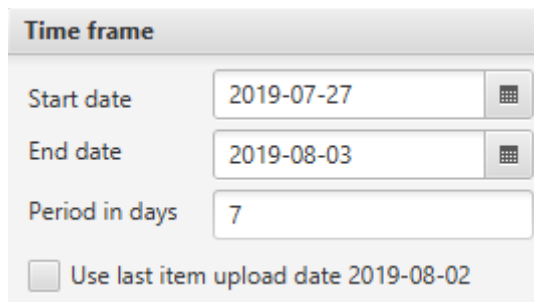
This option is available when new version of the application is available. When you press it the automatic upgrade will start.

Launch wizard

This option launches the wizard. So you can add your configuration straight from main window or by using wizard.

Checkbox on main window

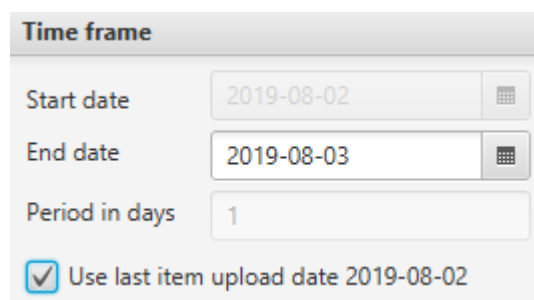
There is one very useful checkbox in 'Time frame' section.



The screenshot shows a 'Time frame' section with the following fields:

- Start date: 2019-07-27
- End date: 2019-08-03
- Period in days: 7
- Use last item upload date 2019-08-02: ☐

The last item upload date is the date taken from Toolkit. This date is the date of the last copyright item uploaded to Toolkit. This date is downloaded automatically on start-up and each refresh of main window. Of course this date will be downloaded if you properly set your Toolkit credentials. Why do you even want to use this option? If you have the last item upload date, then you can select the checkbox, save the configuration and execute new upload. Start date of the new upload will be the last item upload date. See below picture:



The screenshot shows the 'Time frame' section with the following fields:

- Start date: 2019-08-02
- End date: 2019-08-03
- Period in days: 1
- Use last item upload date 2019-08-02: ☒

So if you do not use built-in jobs, but execute uploads manually, then this option allows you to generate the copyright items from your last upload until now.

Buttons on main window

Here is a short description of the buttons.

Add config – adds new configuration. You are allowed to add as many configurations as you want. To use that button you need to set configuration name first.

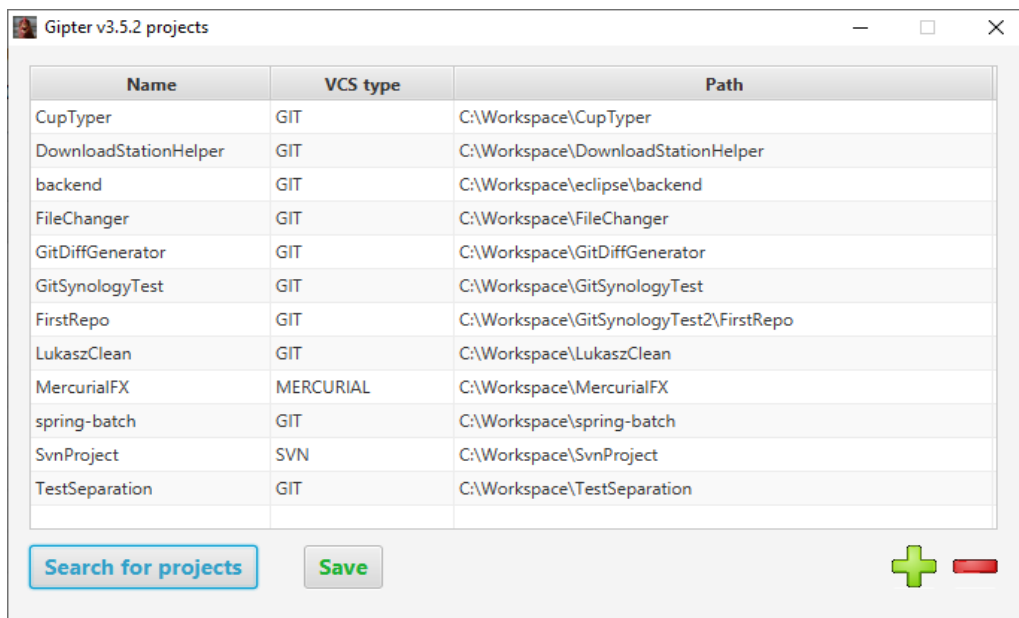
Remove config – removes selected configuration. When selected configuration is removed then next from the list is taken. If there is no configuration left then default values are displayed.



Save current configuration – saving or overriding current settings under the given configuration name.

Execute – executes diff generation and upload to toolkit for chosen configuration name.

All-in – executes diff generation for all configurations.

Change – for '*Project paths*' allows you to pick up all projects, that you want to combine and use as copyright item. You can either replace previously chosen or add a new one. To do so Gipter will open new window to manage the projects:



Interface is simple. If you want to add new project then press , if you want to remove then select project(s) and press . If you want to Gipter find all your repositories because manual adding is too boring then use '**Search for projects**' button and select parent folder with you projects. You can use this feature multiple times. It will add new projects to existing. To save changes you made just press button '**Save**'.

If you set upload type as `TOOKLIT_DOCS` then different window with projects will be displayed. And why would you do that? Because Gipter produces diff from the documents that you created. So for the documents you need to specify different kind of projects. To be more specific you need to add Toolkit projects. Under these projects your documentation is kept. But don't you worry. If you set toolkit credentials at the main window of application, then Gipter will download your project automatically for you and display it in the table. You can always check if Gipter downloaded proper projects, by filling in two fields in the link '**Check**' and press that link. It should redirect you to toolkit. There is another link there 'Show my project' that will redirect you to the page with all projects that are available for you. That window contains also the description what to do :)

The way to add and remove projects from the table is exactly the same as with the regular projects.

If the program have been executed at least once, then **Last upload ...** - shows when was the last upload of item and status of it (success or fail).

Below options are visible all the time.

Show UI – brings back the main window with application parameters.

Upload now based on configs – uploads copyright items for all configurations. This actions is equal to **All-in** button from the main view.

Disable upgrade job – switching off the job responsible for checking if the new version of application has been released. When this functionality is disabled, it can be enabled from the same place.

Close – terminates the program.

When you create a job, then **Next upload ...** - shows when will be next execution of the job, which means when next upload will be triggered.

Create job – launches the window where you can setup the gipter-job and schedule it. Below is a screenshot with that window:

The screenshot shows a window titled "Gipter v3.6 job" with two main sections: "Clicking way" and "Cron way".

Clicking way section includes:

- Exact time: 7 : 0
- Day of month: 1
- Day of week: FRIDAY
- Start date: 2019-07-29
- Configs: all-configs
- Frequency options: ☐ Every month, ☐ Every 2 weeks, ☒ Every week

Cron way section includes:

- Cron expression: [empty text box]

Defined job section displays a table with job details:

Type	Details
EVERY_WEEK	SCHEDULE_START: 2019-07-29 DAY_OF_WEEK: FRIDAY HOUR_OF_THE_DAY: 16:00
Configs	a

At the bottom, it shows "Last upload: 2019-07-29T20:01:40.35 [FAIL]" and "Next upload: 2019-08-02T16:00:00". There are two buttons: "Schedule" (green) and "Cancel job" (blue).

You can define gipter-job both ways: by clicking in predefined values or specifying CRON expression. CRON expression is well known but if you want to know more read [this](#). If you need with building the CRON expression go [here](#).

If job was defined in the past, its details will be displayed in 'Defined job' section. Remember that when you define job you need to choose the configurations that will be used in that job. By default all configurations are chosen. There are two ways of deletion an existing job. One is simple cancelling by pressing button 'Cancel job'. Job will be forgotten. The second is defining new job by pressing 'Schedule'. The old one will be replaced by the new one.

If you choose to the clicking way to define the job then:

Configs – configuration to choose.

Exact time – is an hour of the day when the job must be executed.

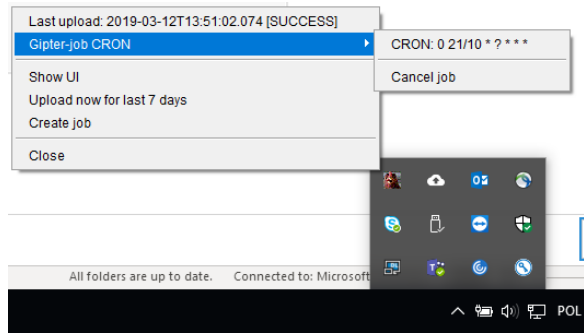
Day of the month – the exact day of the month to execute the job.

Day of week – the day of the week when to execute the job.

Start date – when to schedule the job. At this date above job definition will start to be valid.

Radio buttons are self-explanatory (I think).

Schedule – will create gipter-job and put it into quartz scheduler. Once the job is created you will see the difference in the tray:



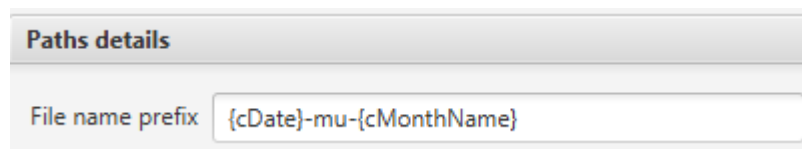
In the tray area now you will see the menu with gipter-job type and details. Also, you can **Cancel job** that job. If you do that this section will disappear from the tray.

You might notice that there is one additional entry on the very top of the tray. This is the info when the last upload was executed and if it was success or failure.

The important thing here is that this job will work only **when Gipter is working**. If you close the application, then the job will be killed. Furthermore if you run application again, then Gipter will reschedule killed job, so it could run again.

Custom item name

You can use the name settings when you are defining the file name prefix.



When you use defined entries, then these entries will be replaced by the generated values. In the above example *{cDate}* keeps the value of `CURRENT_DATE` and *{cMonthName}* keeps the value of `CURRENT_MONTH_NAME`. When you define file name prefix like that, your copyright item and the name of the file with your work will have the following name:

Name generated: **2019-08-13-mu-AUGUST**.

Above text field contains smart autocomplete so you will have no problem to use your patterns here.

Session cache

There is one other functionality that is worth attention. Application has session cache available only on the main menu window. The scenario behind that is as follows. Whenever you want to change a bit existing configuration/s without saving it and execute that configuration/s the cache mechanism allows you that. You can change the configuration and do not save it, then switch between configurations and all your changes will be kept in the application cache. If you close the application without saving your changes first, then your changes will be lost, because the cache is terminated along with the application.

That's it! Enjoy (I hope)!

