

WinTask x64

Scheduler for Windows 7 64 bits and Windows 2008 R2

Scheduler Quick Start Guide

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INTRODUCTION

WinTask x64 is a complete automation tool for Windows 7 64 bits and for Windows 2008 R2. It can automate any Windows application or Web page. WinTask x64 is more than just another macro recorder. The automation script can be extended to include standard programming paradigms well beyond a simple repetition of steps. It provides too Capture tools for extracting data from the application under automation, and it includes OCR techniques for even capturing text embedded in an image. To execute your automation scripts unattended, you can schedule them using WinTask x64 Task Scheduler. You need admin rights to install WinTask x64 Scheduler as it is a Windows Service.

When WinTask x64 Scheduler service is installed, it is displayed in the Services list under the name « WTScheduler ». The WinTask x64 Scheduler can start scheduled tasks even if no desktop is opened : it can login automatically.

This guide explains how to use WinTask x64 Scheduler, it does not explain how to create automation scripts with WinTask x64, use for that the other manuals available on www.wintask.com/manuals.php.

CHAPTER I : INSTALLATION

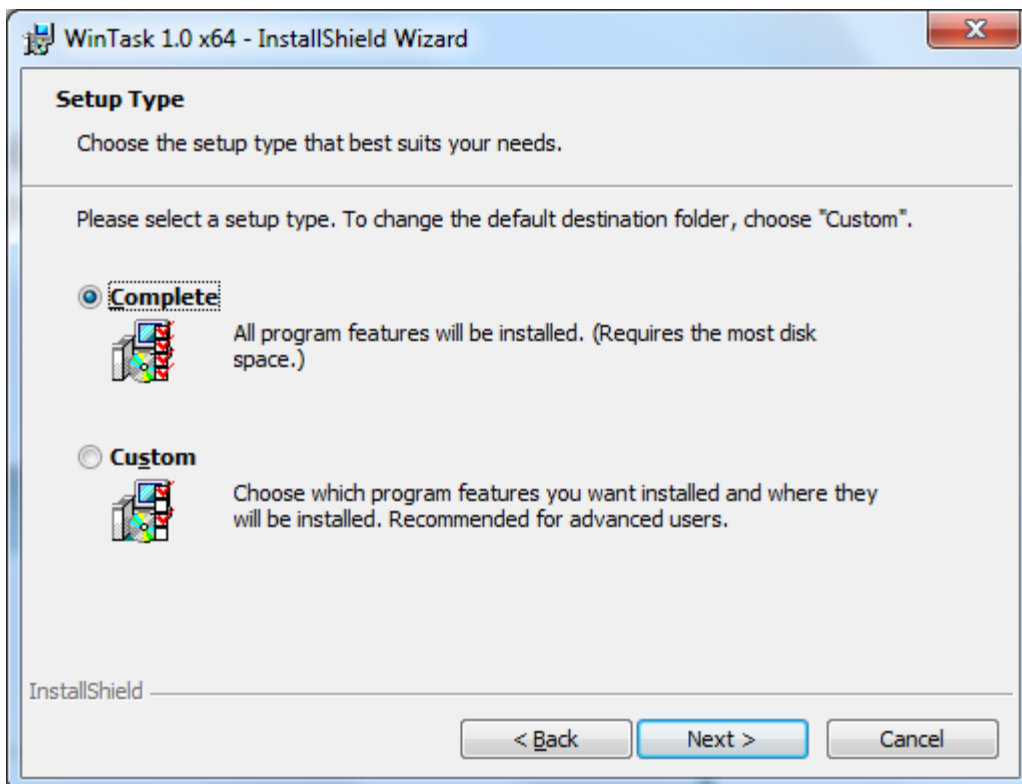
To install WinTask x64 Scheduler, you must open a session with admin rights. Only administrator can install a Windows Service under Windows 7 or Windows 2008.

Install the software using the provided download link.

A Welcome screen is displayed when you start the installation. Click the **Next** button. A Readme Information screen is then displayed, click the **Next** button. On the License agreement, check the **I accept the terms in the license agreement** checkbox and click the **Next** button.

The Customer Information screen is then displayed with your User Name and Organization. Leave checked the **Anyone who uses this computer** checkbox and click the **Next** button.

The Setup Type window is displayed :



To install in the default folder, leave checked **Complete** If you want to install the software in a different folder than the default (C:\Program Files (x86)\WinTask), check the **Custom** checkbox. Click the **Next** button.

Click the **Install** button on the Ready to install the Program window. Files are then copied.

The InstallShield Wizard Completed window is displayed, uncheck the two Show ...Guide, but CHECK the REBOOT checkbox. Click the Finish button, the PC reboots.

If an IMPORTANT dialog box is displayed, follow what is said if you need to automate tasks using Internet Explorer.

REMEMBER to reboot : the reboot starts the Scheduler service just installed.

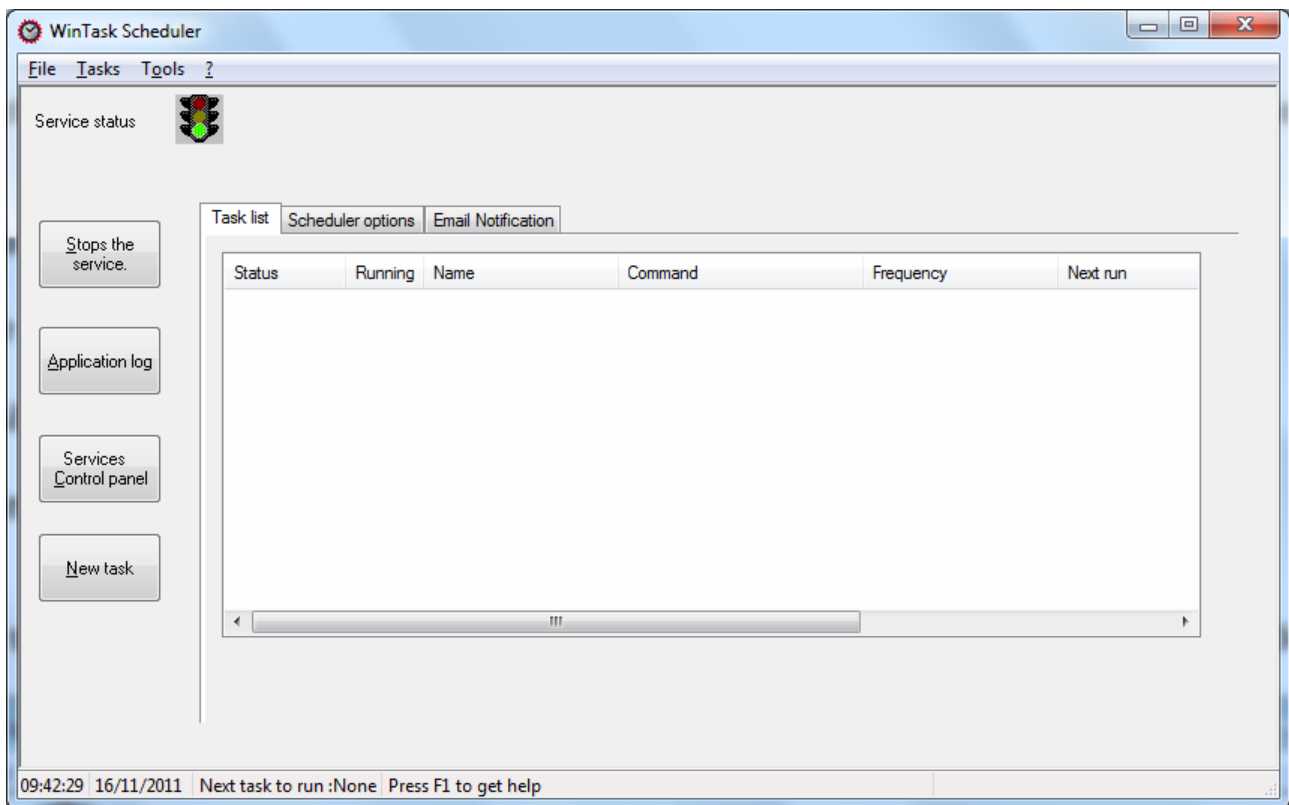
CHAPTER II : Set up your first scheduled task

In this chapter you will schedule a task, the task will just launch notepad at the scheduled time.

Start WinTask x64 Scheduler :

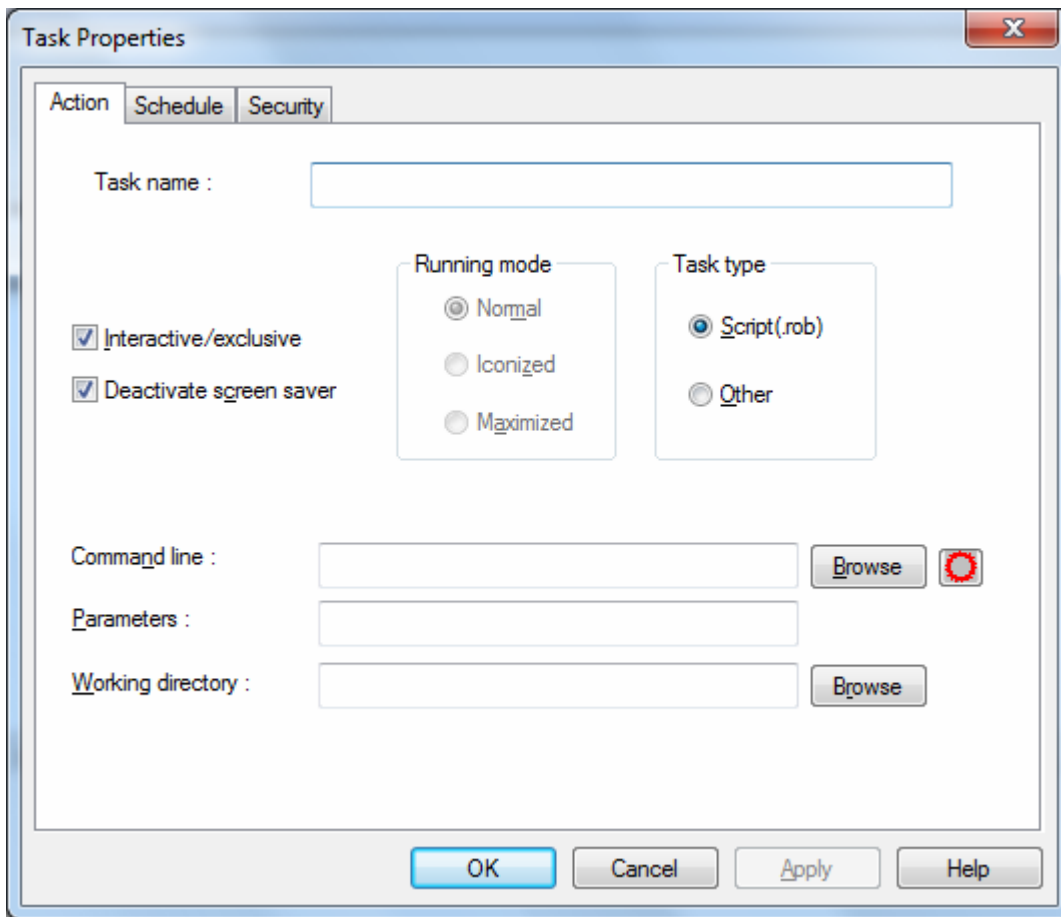
- Click the Windows **Start** button.
- Select **All Programs**.
- Click **WinTask** and in the WinTask group, click **Scheduler**.

The WinTask Scheduler window is displayed with an empty Task list:



Click the **New task** button.

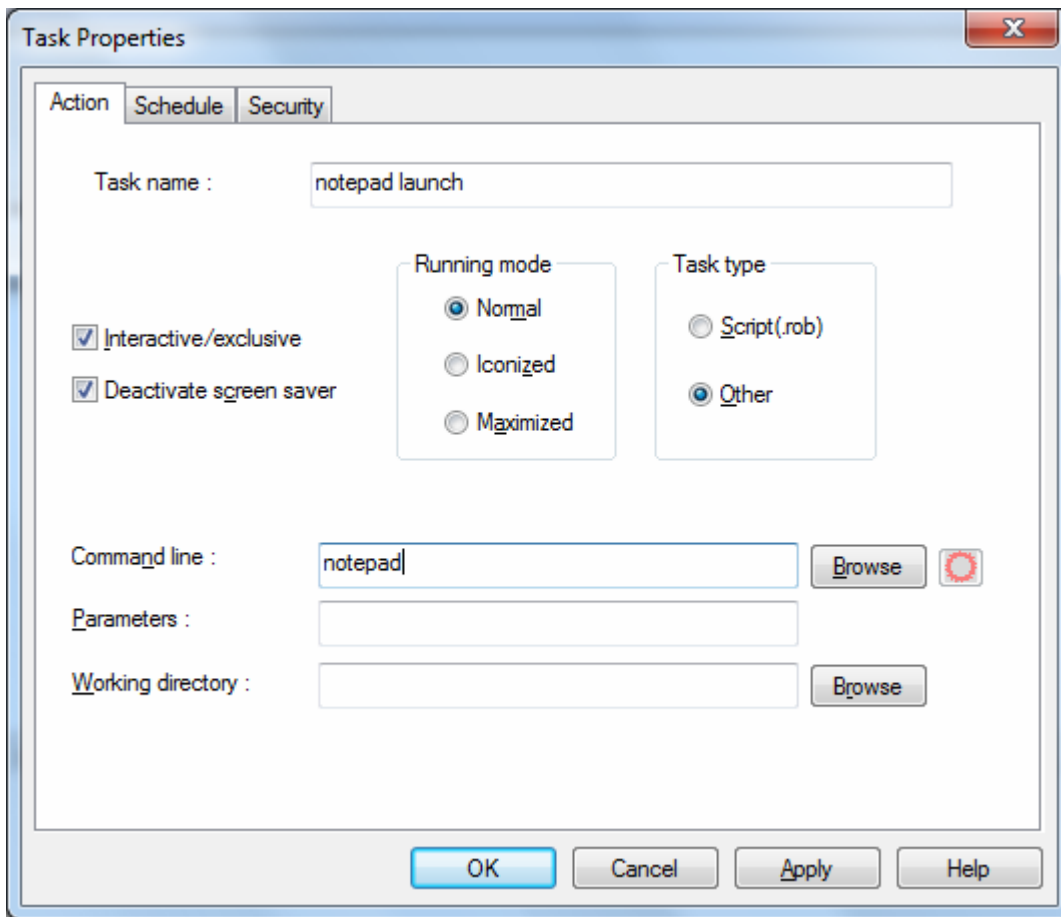
The Task Properties window is displayed:



In **Task name** field, type a name, for example type **notepad launch**.

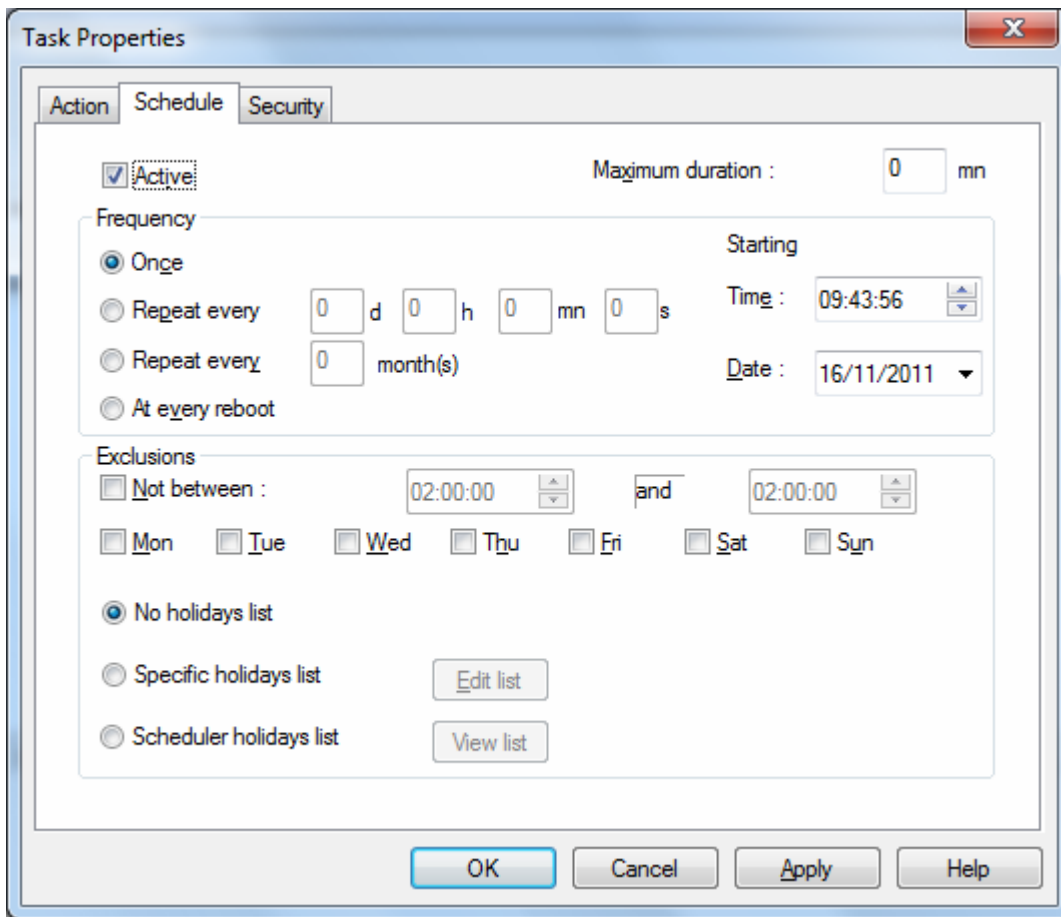
In **Task type** field, check **Other** checkbox as this task will launch an exe file (notepad.exe). Leave checked **Script** if you want to create a task which launches a WinTask x64 automation script.

In **Command line** field, type **notepad** (or click **Browse** button to select the executable file that you want to launch). If the task launches an automation script, click **Browse** button and select the .ROB file you want to launch (the .ROB is the compiled automation script, the .SRC is the source of the automation script).

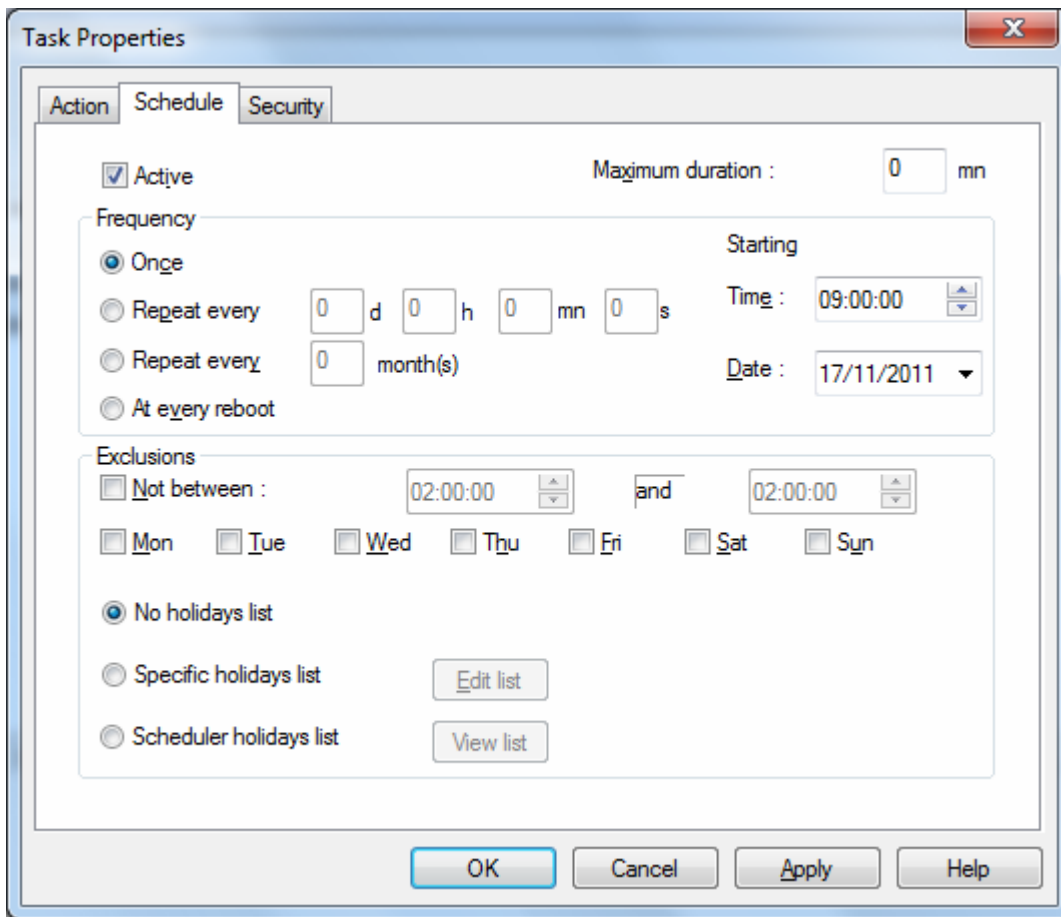


The file which is started at scheduled time is now specified. Select the **Schedule** Tab to specify the time where the task has to be started.

The window below is now displayed:

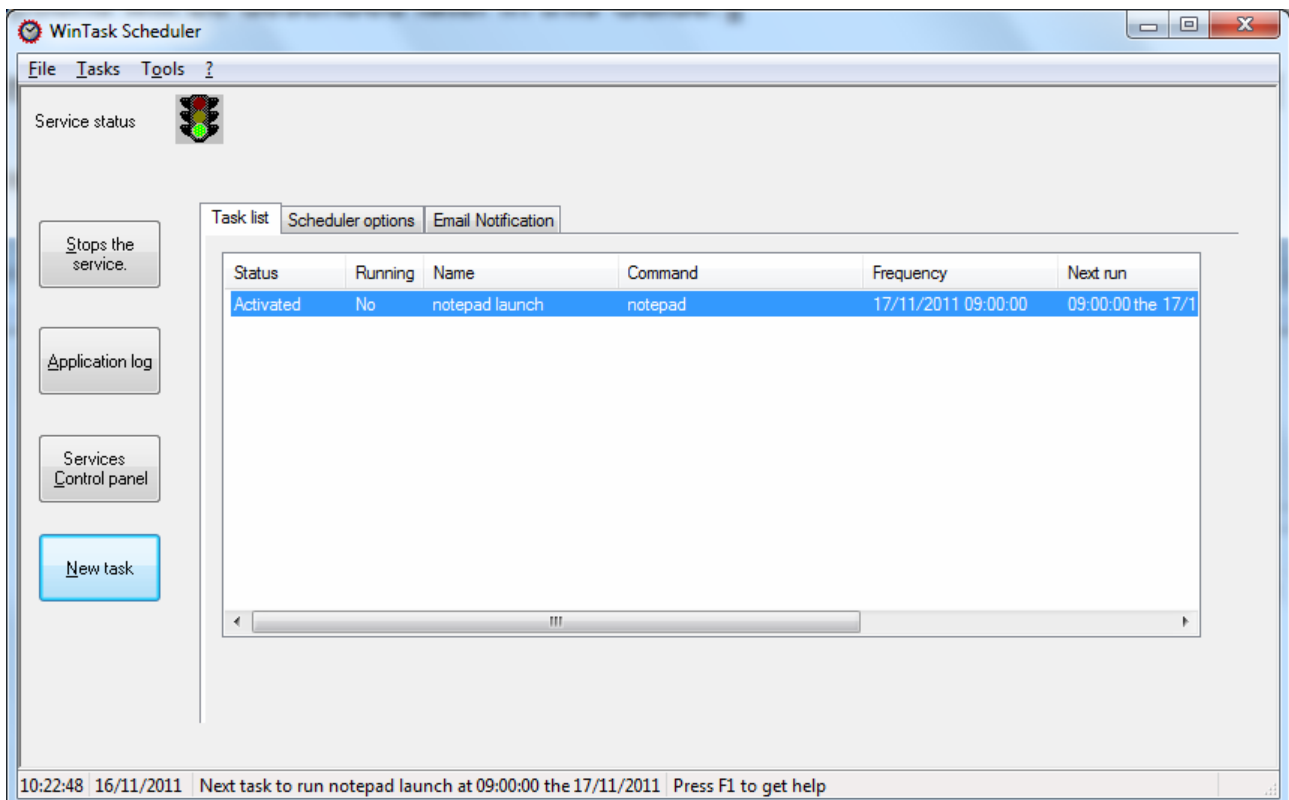


Modify the **Time** and **Date** fields in the **Starting** group in order to launch once the task at the specified Time and Date. For example, to make the task start November 17th at 9 am, the screen will look like below (Date and Time are here in European format – in you use a US format, the screen below will show the month before the day):




The other options will be described later in this Guide.

The **Security** Tab does not have to be configured for now. So just click the **OK** button.



Double check that **Service Status** shows a green color (the Scheduler service named WTScheduler is started). Check in the status bar that **Next task to run** reflects the task that you have just scheduled (in our example notepad launch at 09:00:00 the 17/11/2011).

You can now close the Scheduler window by selecting **File/Exit** menu.

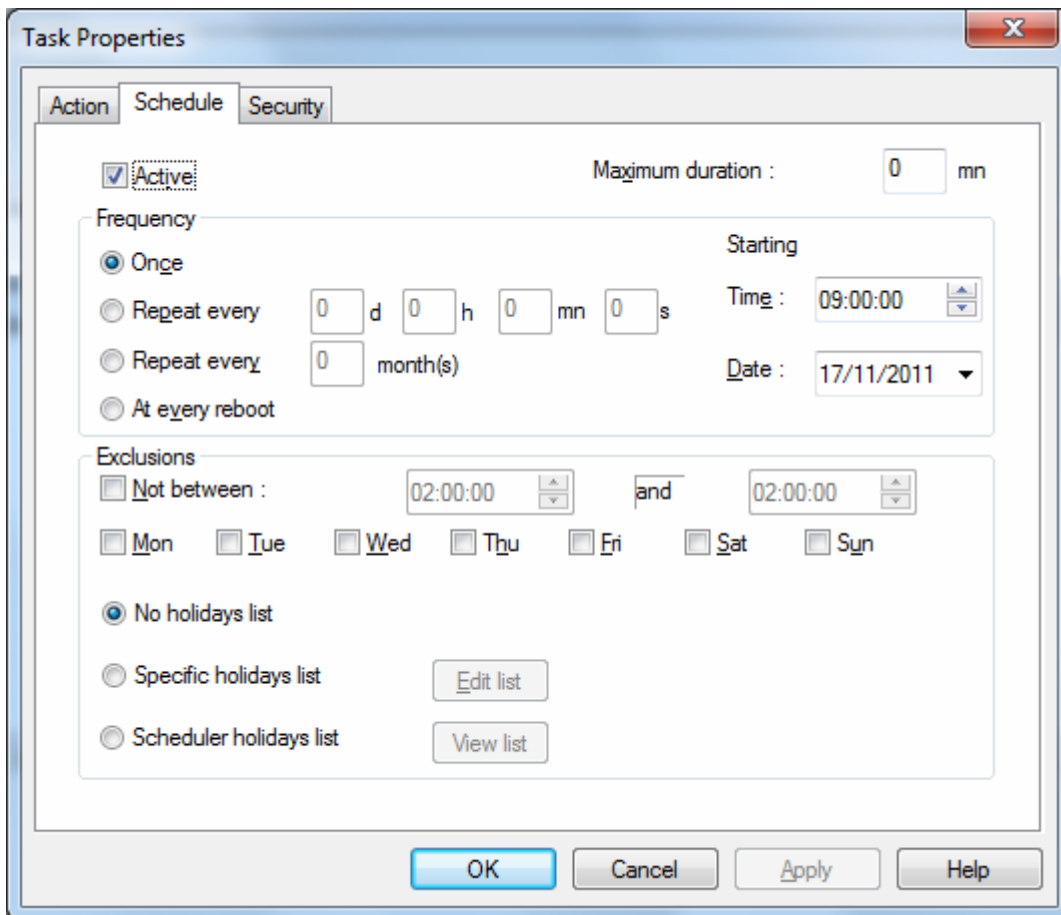
In the Windows taskbar, the Scheduler icon  must be displayed, it tells that the WTScheduler service is started and so your scheduled task will be launch at the scheduled time.

CHAPTER III : SCHEDULING OPTIONS

This chapter reviews the different options for scheduling a task at different intervals (Schedule Tab in Task Properties window).

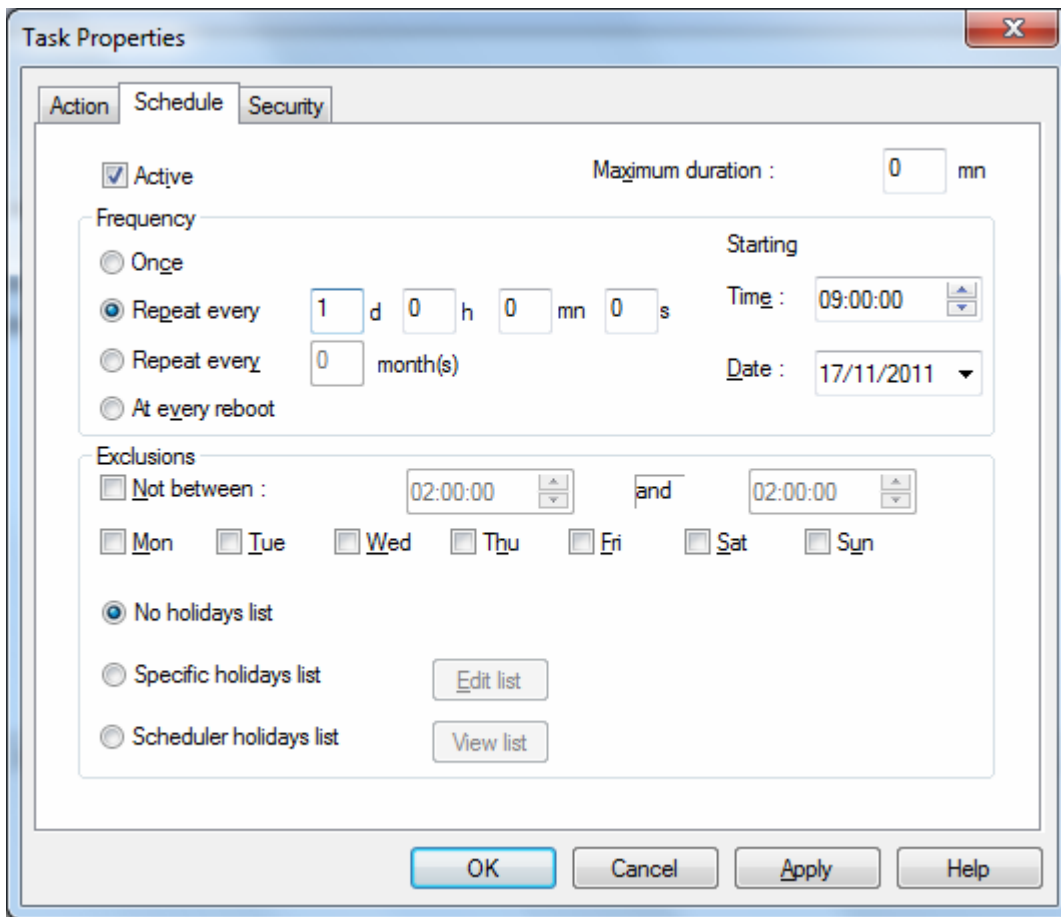
After you have created a task, you must specify when it has to be launched.

In the Task list (main window of WinTask x64 Scheduler), right click the task you want to schedule and in the context menu select **Properties**. Click the **Schedule** Tab, the window below is displayed:



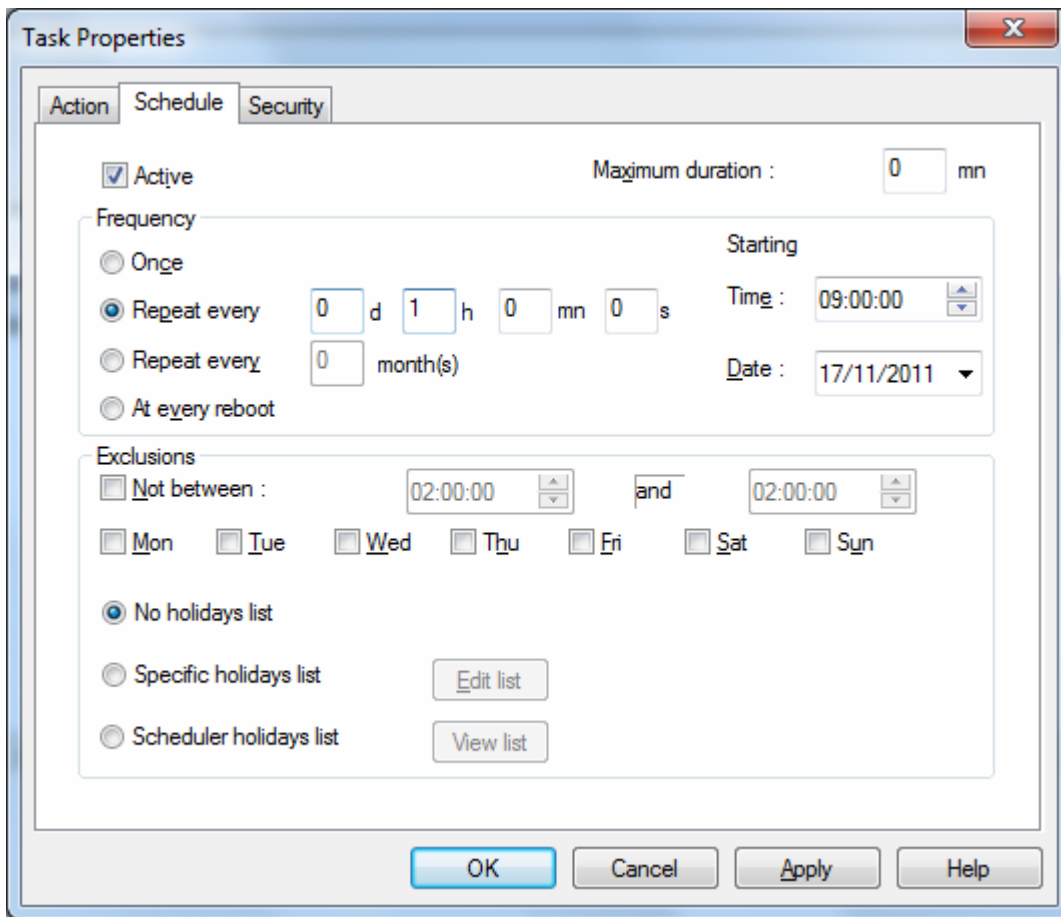
In Frequency group, if you check **Once**, the task will start once at the date and time as specified in the **Starting** group on the right.

To schedule a task to run at regular intervals, in **Frequency** group, check **Repeat every...** With those parameters as below :

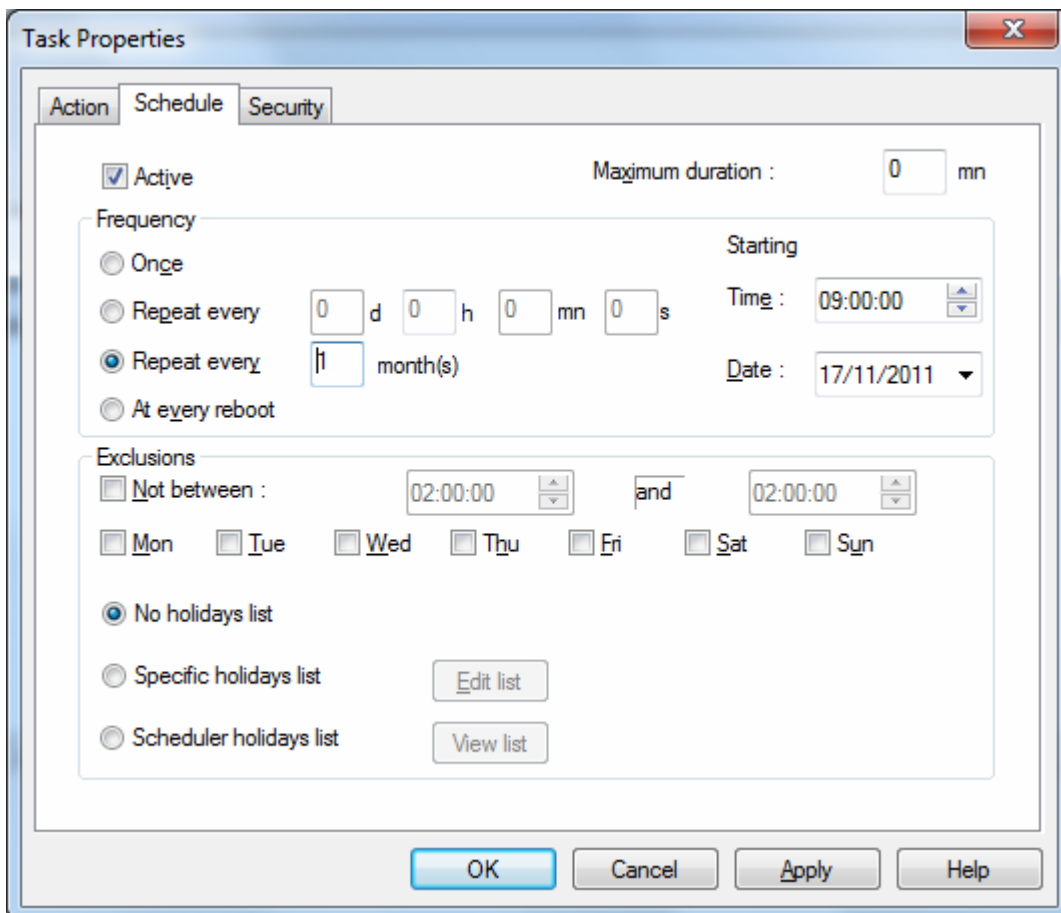


The task will start every day at 9 am, the first day when it starts is 17 November 2011.

To schedule the task every hour, every day, starting 17 November 2011 at 9 am, the parameters are :

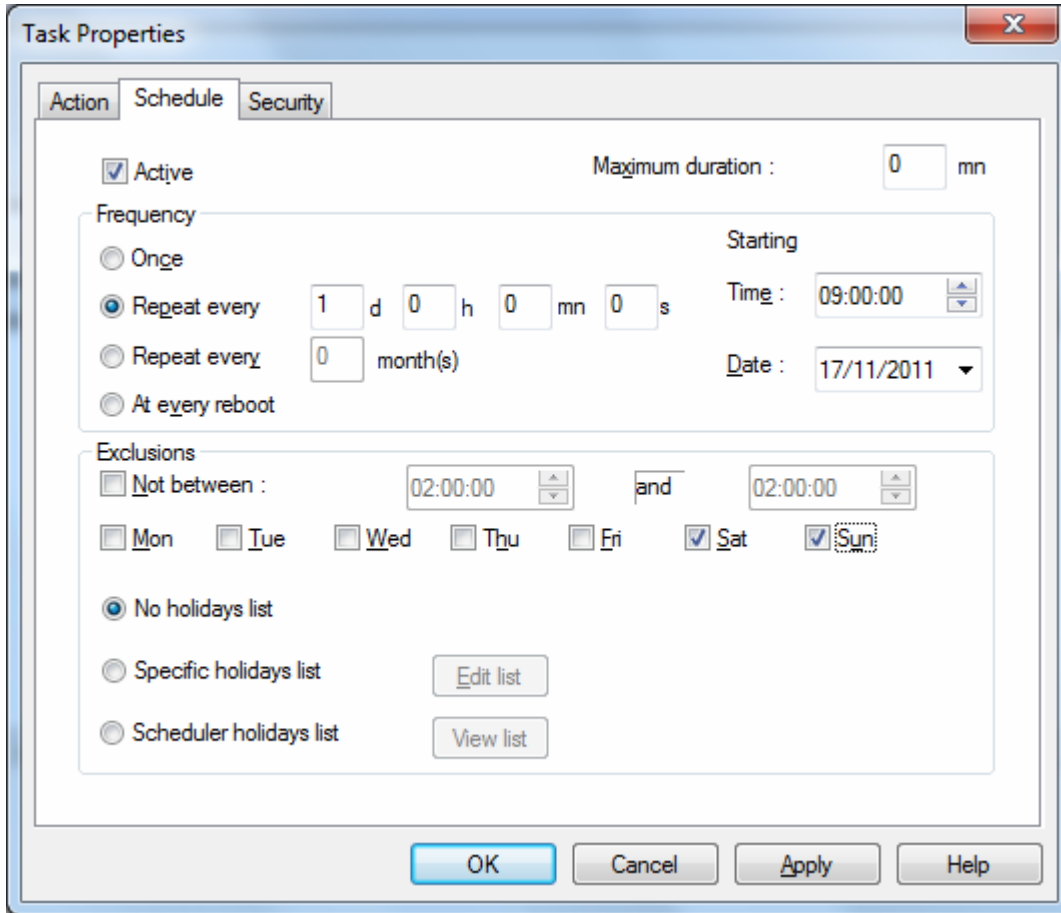


To schedule the task to run every month, check **Repeat every xxx month**:



Last, to schedule a task starting only at PC reboot, check **At every reboot**.

The Exclusions group allow to exclude some hour/day intervals:



In the example above, the task starts every day at 9 am starting 17 November 2011, except on Saturday and Sunday. If you check **Specific holidays list** and click **Edit list** button, you can specify holidays list and the task will not start for those days. If you check **Scheduler holidays list**, the task is not started for the days specified for any task in **Scheduler options** Tab in the main Scheduler window.

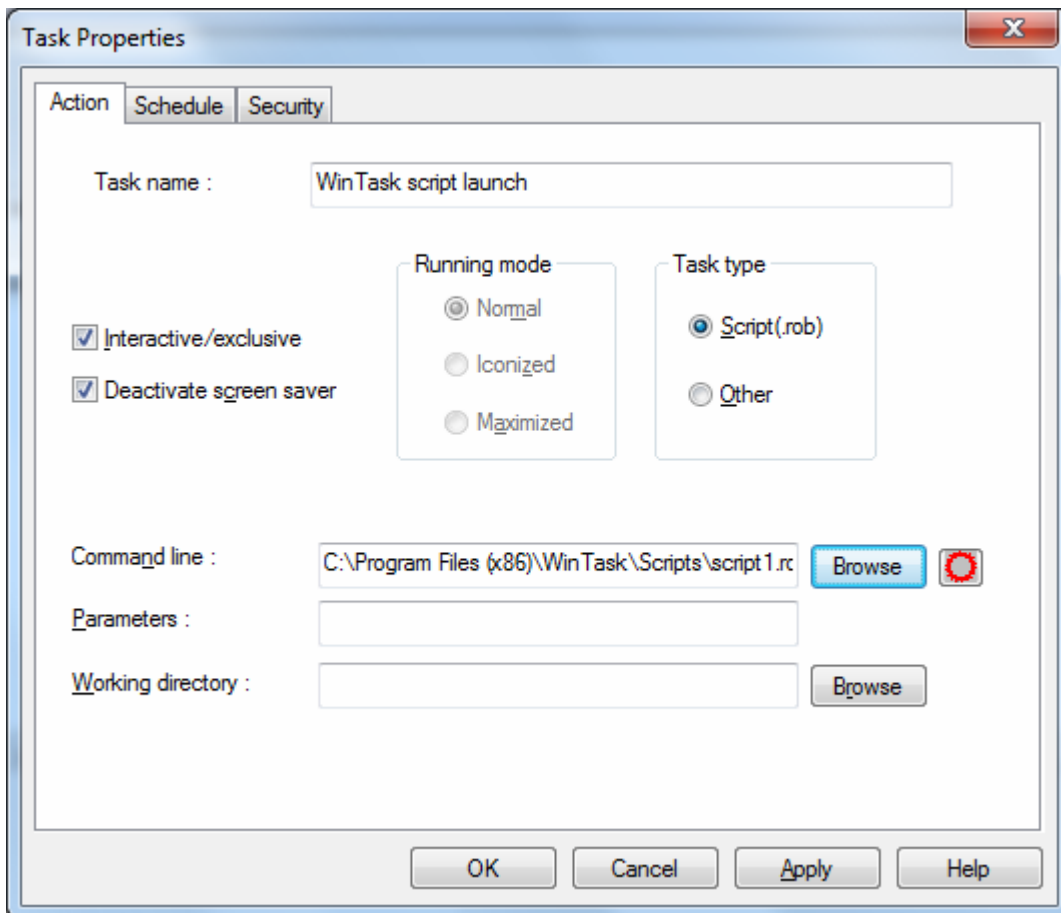
Finally, the **Active** checkbox tells if the task is triggered by Scheduler or not. The **Maximum duration** field specifies a maximum time for the task execution, with a 0 value, the task has no duration time.

CHAPTER IV : SECURITY MANAGEMENT

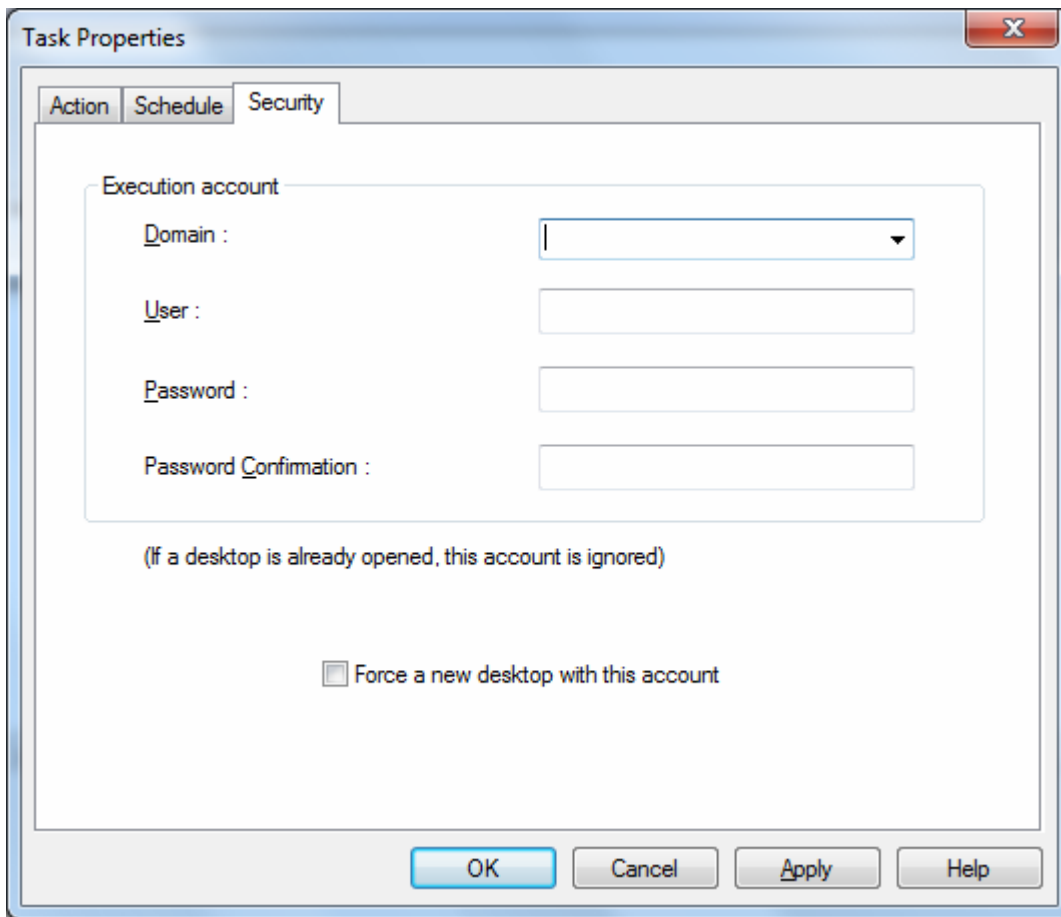
By default, a scheduled task runs using the already opened desktop. As soon as an automation script interacts with a user interface (through UseWindow, UsePage for example), an opened desktop is needed.

This chapter explains how to open a new desktop when a scheduled task starts.

So you have already created a task which launches a .ROB, as below for example:



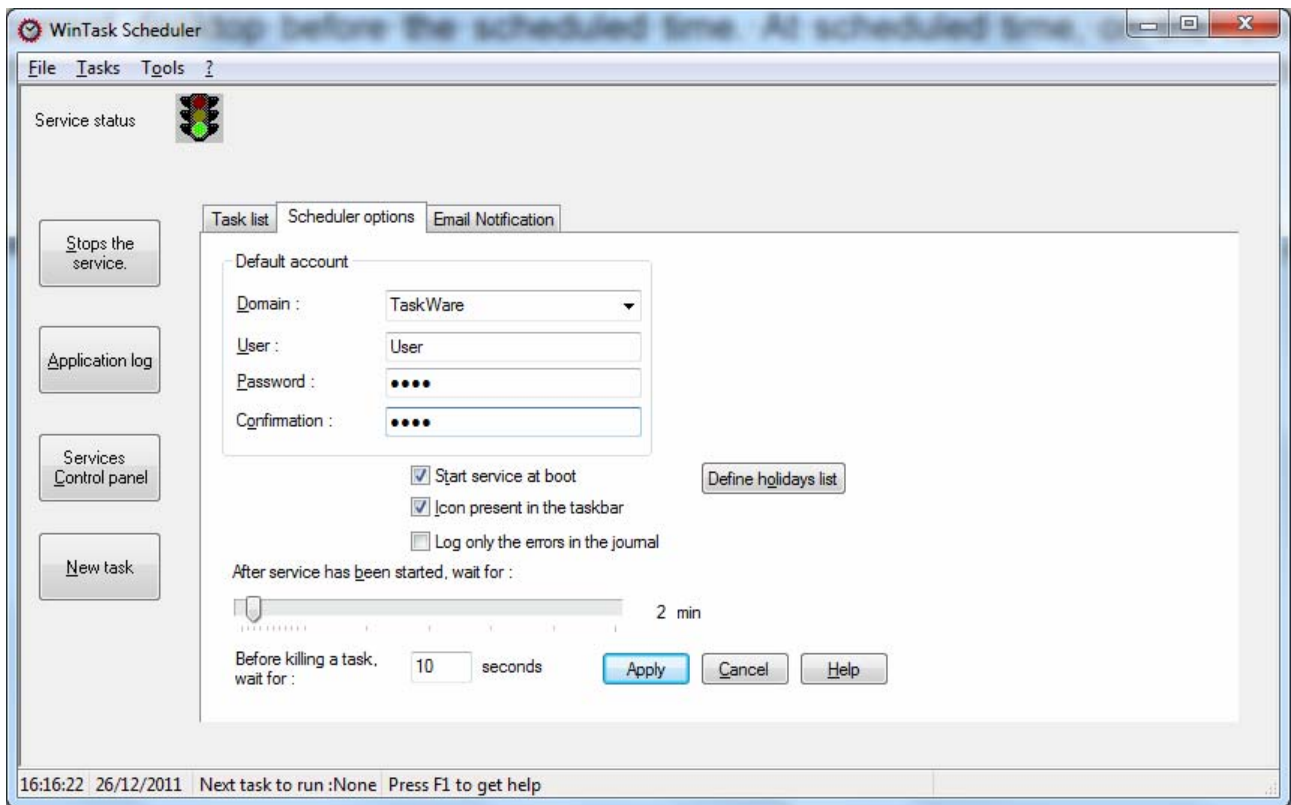
Click Security Tab:



If Force a new desktop with this account is checked, at scheduled task time, the current desktop is closed (if one is opened), then a new desktop is opened with the specified credentials, the task is started, and at the end of the execution, the desktop is closed.

If you set up a task using Remote desktop, you have to check Force a new desktop and you must logoff the current desktop before the scheduled time. At scheduled time, on the remote PC, a session with the specified credentials will be opened, the task will run and the desktop will be closed.

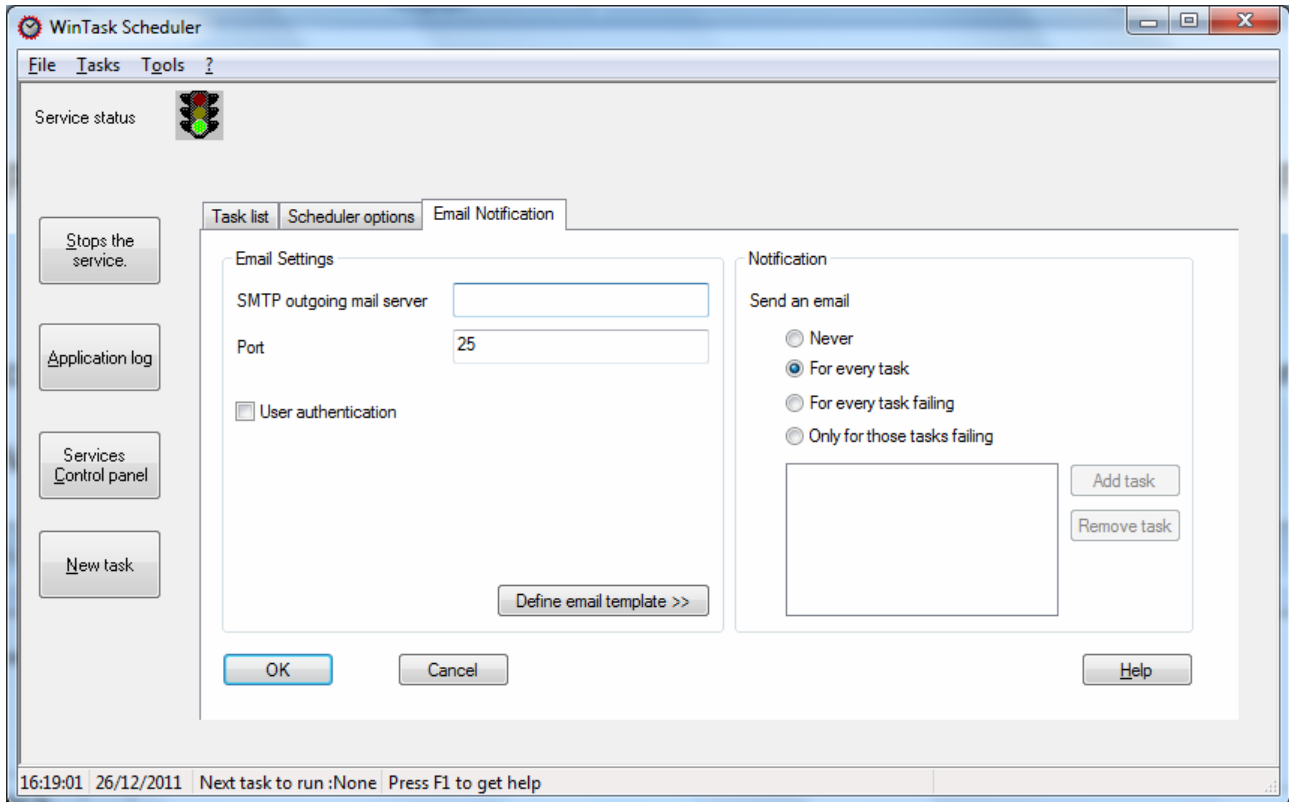
It is possible to define the credentials for all the scheduled tasks in Scheduler options Tab :



CHAPITRE V : RECEIVE A MAIL WHEN A SCHEDULED TASK FAILED

The Scheduler can send an email when a scheduled task has finished its execution.

Click Notification email in main Scheduler window:



In SMTP outgoing mail server, type your SMTP outgoing mail server name (the same as in your email software). Do not check User authentication unless you use a public email (such as gmail).

Click **Define email template** to define the mail to send:

The image shows a dialog box titled "Email Template" with a close button (X) in the top right corner. The dialog contains the following elements:

- From:** A text input field.
- To:** A text input field.
- CC field:** A text input field.
- Subject:** A text input field.
- Include task name in subject**
- Enter message below (click to enlarge):** A large text area for the email body.
- Include Event log information**
- Include Script log**
- OK** button
- Cancel** button
- Help** button

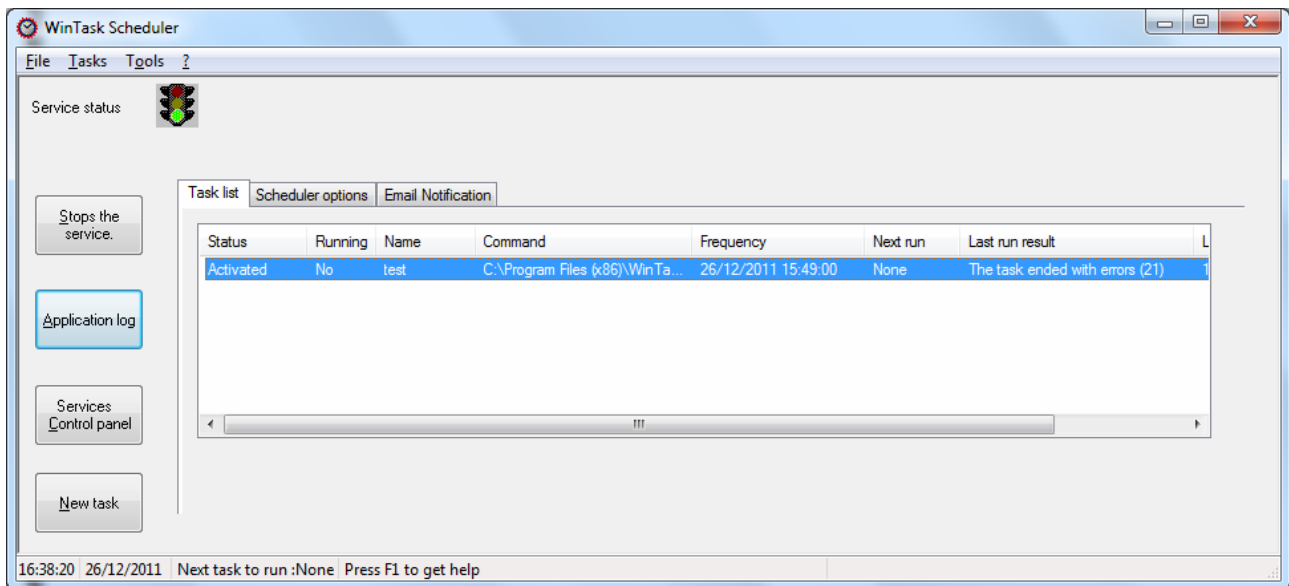
If you check **Include task name in subject**, the mail subject field will contain the task name.

If you check **Include Event log information**, the mail body will contain the messages written in Event log.

If you check **Include Script Log**, AND if you run the script with a log (menu Configure/Run in WinTask x64 Editor window), the log file will be attached to the mail.

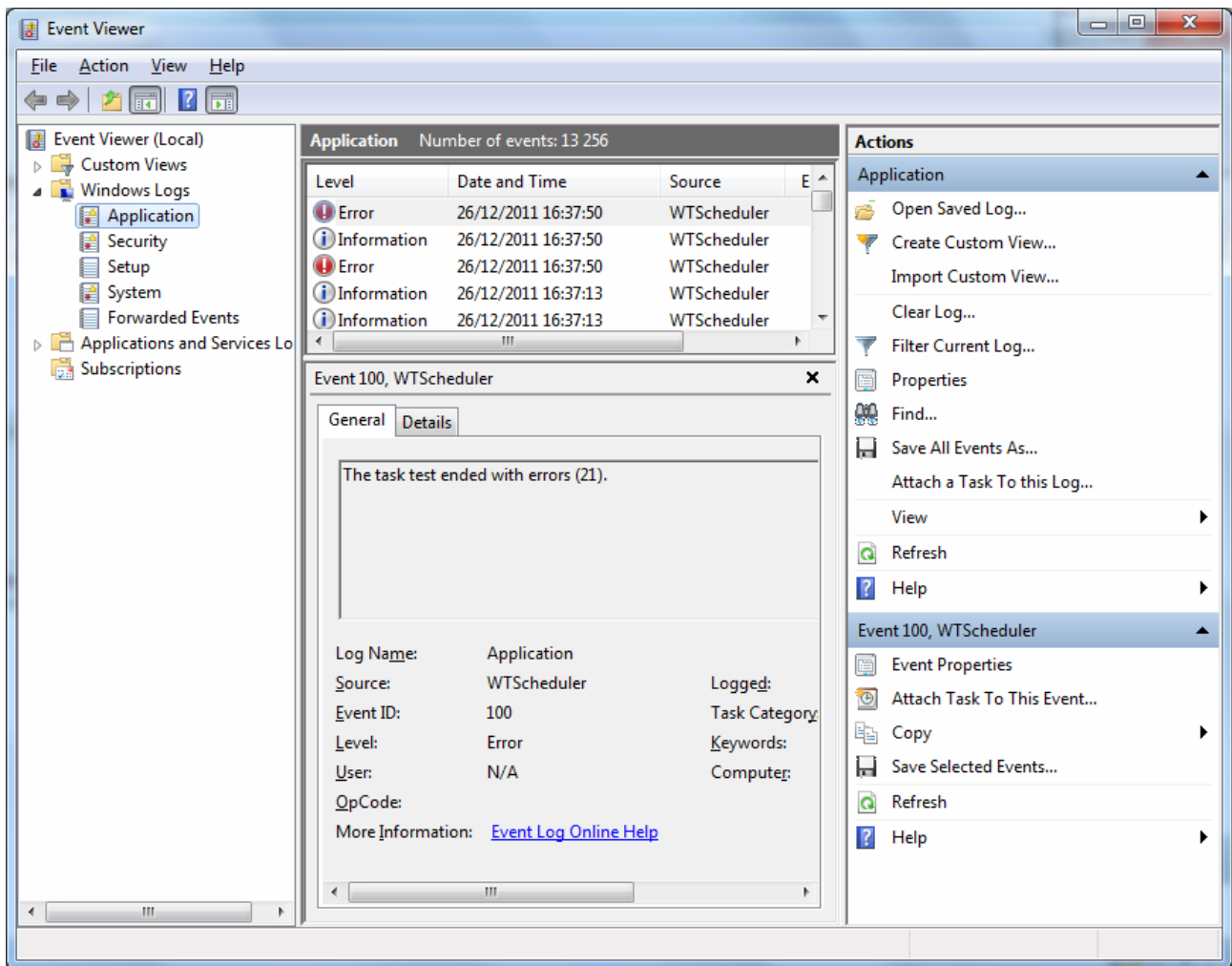
CHAPITRE VI : WHY MY SCHEDULED TASK DID NOT RUN CORRECTLY?

Check first the task result in main Scheduler window, Last run result column :



If the code between parenthesis is 21, the script did not end due to a script execution error. If another error code is returned, go to the help, menu ? then **Help index**, select **Scheduler** chapter and **Scheduler, error codes** topic.

More details for error 21 or for another error are given in Windows Application log. Click **Application log** button in Scheduler main window to open directly Application Event Viewer:



The events for Scheduler are listed as WTScheduler Source : if you see in Level column the Error word for the WTScheduler source, double click the line to see the details error :

