

Practical No. 09

Aim: Automate any installation procedure - WinZip.

Experiment No. 05

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Theory:

1. WinZip installation consists of approximately 10 dialog boxes that you must click buttons (usually Next) to continue. We are going to write a script that simply waits for these dialog boxes to appear and then clicks the appropriate buttons.
2. As usual with these types of installations the window title of each dialog is the same (WinZip.exe setup) so we must use window text to tell the difference between windows.
3. First create a directory that we will use for the WinZip installer and our script file. Copy the WinZip installer to the this directory and create a blank script called winzipinstall.au3.
4. We will now run through the installation manually and write the script as we go. The script lines to automate each dialog will be shown after each picture.
5. The first script line is easy, we want to run winzip26.exe installer. So the first line is:
`Run ("WinZip26.exe")`
6. We need to for this window to popup and become active, and then we need to send the keystroke ALT-S to click the Setup button. The resulting script lines are:

WinWaitActive ("Winzip@90SR-1Setup", "&Setup")

Send ("!s")

7. We ~~enter~~ need to wait for this screen to be active and then click ENTER to accept the install location. The script lines are :

WinWaitActive ("WinzipSetup", "into the following folder")

Send ("\$ENTER")

8. Notice that this window has exactly the same title as of first winzip setup - in fact all the dialogs in the setup have this title! In order to tell the difference between these windows we must also use the window text - on each screen try to pick the most unique text you can. In this case I've chose Winzip Features include. After the window has appeared we will want to press ALT-n:

WinWaitActive ("WinzipSetup", "Winzip Features Include")

Send ("!n")

- Wait for the window to appear and then press ALT-y to accept the agreement :

WinWaitActive ("License Agreement")

Send ("!y")

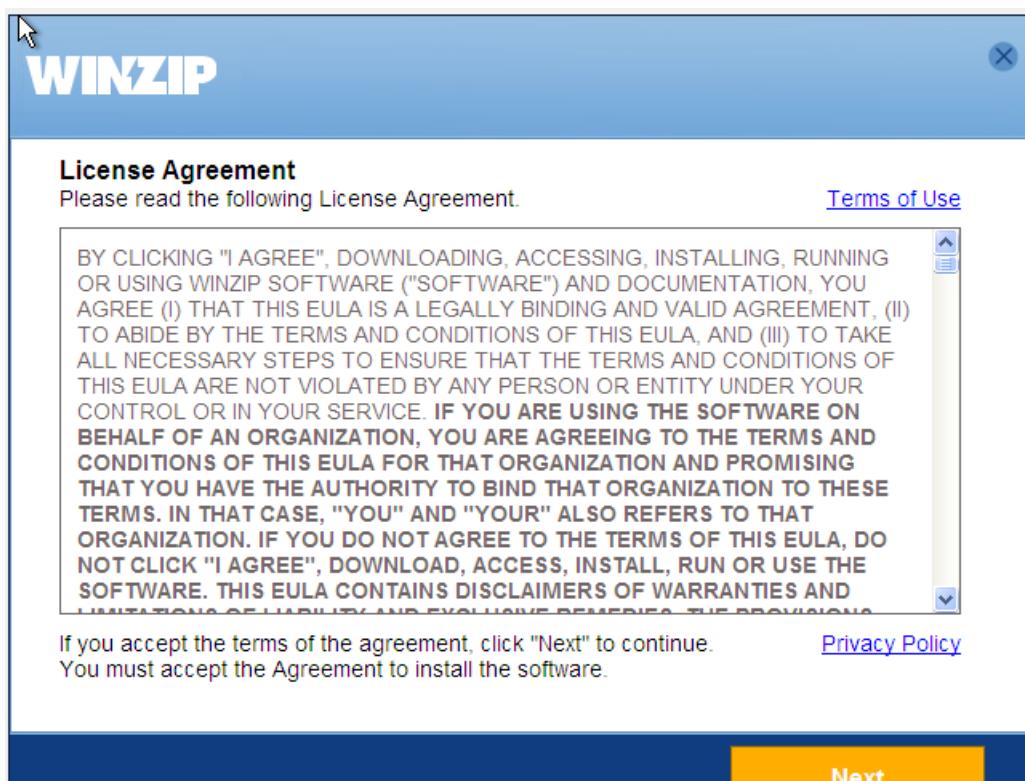
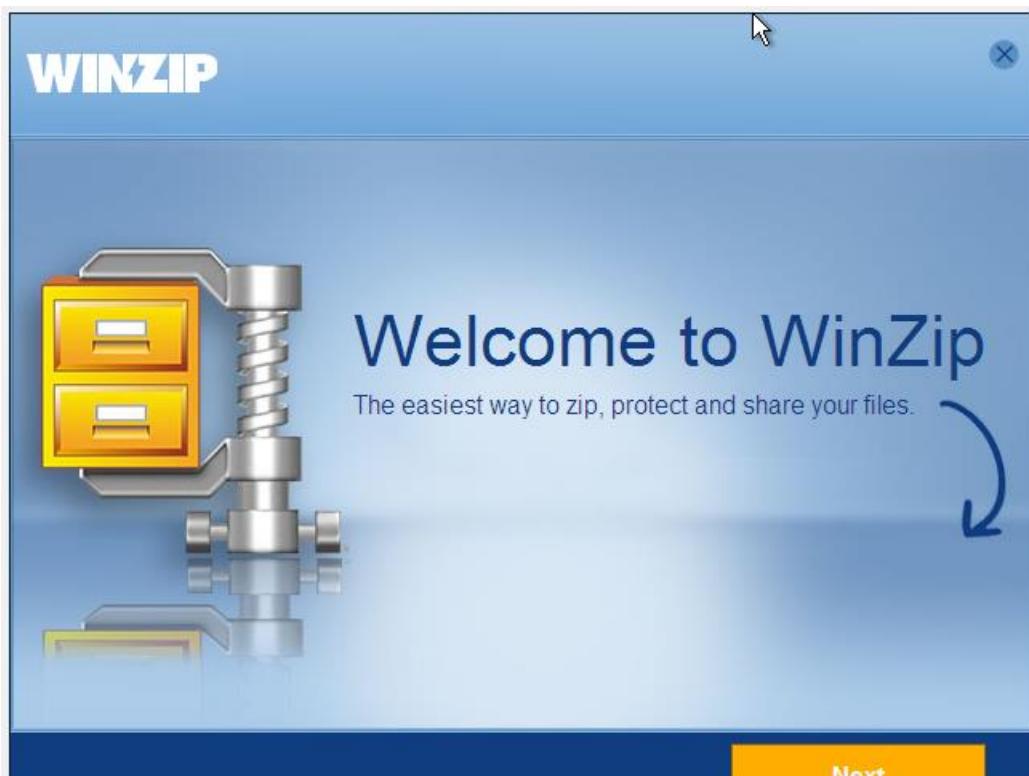
9. Setup continues in a similar fashion for a few dialogs. The picture of each dialog is shown along with the script lines needed to automate it :

WinWaitActive ("Winzip Setup", "Quick Start (mild)")

Send ("!n")

Conclusion:

Thus, I have studied and executed a program in AutoIt v3 to automate the installation procedure of WinZip.



WINZIP



16.99MB out of 67.05MB @ 1.77MB/s

25%

Installing Status

Please wait while the installer wizard downloads and optimizes the necessary packages.

WINZIP



100%

Installing Status

Please wait while the installer wizard downloads and optimizes the necessary packages.



Next

WINZIP



Thank you for installing WinZip

The easiest way to zip, protect and share your files

[www.winzip.com](#)

WinWaitActive ("WinZip Setup", "switch between the two interfaces")

Send ("!c")

Send ("!n")

WinWaitActive ("WinZip Setup", "&Extract Setup (recommended)")

Send ("!e")

Send ("!n")

WinWaitActive ("WinZip Setup", " WinZip needs to associate itself with your
archives")

Send (!n) Send ("!n")

10. This is the final dialog of the setup. Notice that the finish button doesn't have a keyboard shortcut. Luckily, it is the default button on this dialog so we can just press ENTER to select it. IF this were not the case then we would have to TAB between controls or better yet to use the ControlClick function.

WinWaitActive ("WinZip Setup", " Thank you for installing this evaluation
version")

Send ("ENTER")

WinWaitActive ("WinZip (Evaluation Version)")

WinClose ("WinZip (Evaluation Version)")

Conclusion :

Close → Thus, I have studied and executed a program in AutoIt v3 V3
to automate the installation procedure of WinZip.