

## Experiment No. 9

**Aim:-** Automate any installation procedure - WinZip

**Theory:-** 1. WinZip installation consists of approximately 10 dialog boxes that you must click buttons 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 windows title of each dialog is the same, 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 ~~per~~ script file. Copy the WinZip installer to this directory and create a blank script called wingzipinstall.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 the wingzip90.exe installer. So the first line is: `Run("wingzip90.exe")`



6. we need to wait ~~the~~ 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®9.0SR-1Setup", "&Setup")
Send("!s")
```

7. We 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 the first of WinZip setup - in fact all the dialogs in the setup have this title! In order to tell the difference bet<sup>n</sup> 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 have chosen WinZip Features include. After the window has appeared we will want to press ALT-n:

```
WinWaitActive("WinZip Setup", "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 few dialogs. The picture of each dialog is shown along with the script lines needed to automate it.

```
WinWaitActive("WinZip Setup", "Quick Start Guide")
send("!h")
```

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

```
Send("!C")
```

```
Send("!h")
```

```
WinWaitActive("WinZip Setup", "&Express setup
(recommended)")
```

```
Send("!e")
```

```
Send("!h")
```

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

```
Send("!h")
```

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 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: We learned techniques in this experiment to automate windows Winzip installation process.

C:\Users\Administrator\Documents\winrar.aui - SciTE-Lite

File Edit Search View Tools Options Language Buffers Help

Icons and symbols for file operations and editing.

```
1 run("winzip90.exe")
2 sleep(500)
3 WinWaitActive("WinZip® 9.0 SR-1 Setup")
4 sleep(100)
5 Send("{s}")
6 WinWaitActive("WinZip Setup")
7 Send("{ENTER}")
8 WinWaitActive("WinZip Setup - Google Tools")
9 sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
24 sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue.')
27 sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", 'Winzip needs to associate itself v')
30 sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this eval')
33 sleep(100)
34 Send("{ENTER}")
```



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File Edit Search View Tools Options Language Buffers Help

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

```
run("winzip90.exe")
Sleep(500)
WinWaitActive("WinZip® 9.0 SR-1 Setup")
Sleep(100)
Send("{n}")
WinWaitActive("WinZip Setup")
Send("{ENTER}")
WinWaitActive("WinZip Setup - Google Tools")
Sleep(100)
ControlClick("WinZip Setup - Google Tools","",317)
Sleep(100)
ControlClick("WinZip Setup - Google Tools","",318)
Sleep(100)
Send("{ENTER}")
WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
Sleep(100)
Send("{n}")
WinWaitActive("License Agreement and Warranty Disclaimer")
Sleep(100)
Send("{y}")
WinWaitActive("WinZip Setup", "Quick Start Guide")
Send("{n}")
WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
Sleep(100)
Send("{n}")
WinWaitActive("WinZip Setup", 'Click "Next" to continue.')
Sleep(100)
Send("{n}")
WinWaitActive("WinZip Setup", 'WinZip needs to associate itself')
Sleep(100)
Send("{n}")
WinWaitActive("WinZip Setup", 'Thank you for installing this eval')
Sleep(100)
Send("{ENTER}")
```







```
1 run("winzip90.exe");
2 sleep(500)
3 WinWaitActive("WinZip@ 9.0 SR-1 Setup")
4 sleep(100)
5 Send("{n}")
6 WinWaitActive("WinZip Setup")
7 Send("{ENTER}")
8 WinWaitActive("WinZip Setup - Google Tools")
9 sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", "Choose 'Classic' or 'Web')
24 sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", "Click 'Next' to continue")
27 sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", "WinZip needs to associate itself with")
30 sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", "Thank you for installing this evaluation")
33 sleep(100)
34 Send("{ENTER}")
```

WinZip® 9.0 SR-1



Thank you!

Click the "S



```
1 run("winzip50.exe")
2 Sleep(500)
3 WinWaitActive("WinZip® 5.0 SR-1 Setup")
4 Sleep(100)
5 Send("{s}")
6 WinWaitActive("WinZip Setup")
7 Send("{ENTER}")
8 WinWaitActive("WinZip Setup - Google Tools")
9 Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 Sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 Sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
24 Sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue.')
27 Sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself v')
30 Sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this eval')
33 Sleep(100)
34 Send("{ENTER}")
```

## WinZip Setup



Thank you for installing WinZip!

WinZip features include:

- \* Quick and easy zip and unzip
- \* Optional Wizard interface
- \* E-mail support, including Zip and E-Mail from Explorer
- \* Tight integration with the Windows shell
- \* Internet file format support, including MIME, TAR, & CAB
- \* 128-bit and 256-bit AES encryption

Press the F1 key on your keyboard at any time while running WinZip for context sensitive help and complete documentation.

Click Next to continue.

Help

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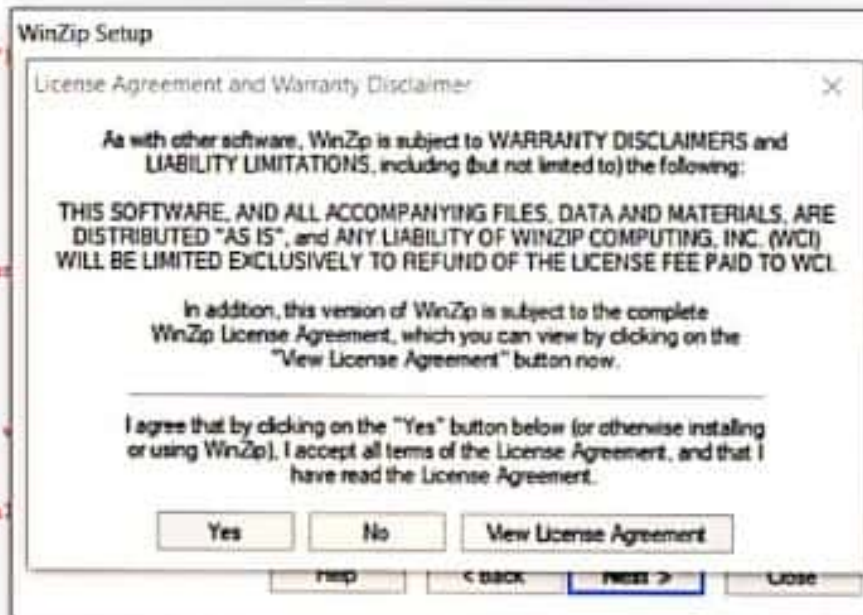
Next >

Close





```
1 run("winzip90.exe")
2 Sleep(500)
3 WinWaitActive("WinZip® 9.0 SR-1 Setup")
4 Sleep(100)
5 Send("!s")
6 WinWaitActive("WinZip Setup")
7 Send("{ENTER}")
8 WinWaitActive("WinZip Setup - Google Tools")
9 Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 Sleep(100)
17 Send("!n")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 Sleep(100)
20 Send("!y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("!n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
24 Sleep(100)
25 Send("!n")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue.')
27 Sleep(100)
28 Send("!n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself with')
30 Sleep(100)
31 Send("!n")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this version')
33 Sleep(100)
34 Send("{ENTER}")
```





```
1  run("winzip50.exe")
2  Sleep(500)
3  WinWaitActive("WinZip® 5.0 SR-1 Setup")
4  Sleep(100)
5  Send("{a}")
6  WinWaitActive("WinZip Setup")
7  Send("{ENTER}")
8  WinWaitActive("WinZip Setup - Google Tools")
9  Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 Sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 Sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", "Choose 'Classic' or 'Wizard', then")
24 Sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", "Click 'Next' to continue.")
27 Sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", "WinZip needs to associate itself")
30 Sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", "Thank you for installing this eval")
33 Sleep(100)
34 Send("{ENTER}")
```

## WinZip Setup



## WinZip Quick Start

For helpful information on installing and using WinZip, print a copy of the "WinZip Quick Start Guide." Click "Print Quick Start".

To see the Guide without printing it, click "View Quick Start".

You can also view or print the Quick Start Guide later by choosing Quick Start from the WinZip Help Contents.

Click Next when you are ready to continue.

[Print Quick Start](#)[View Quick Start](#)[Help](#)[< Back](#)[Next >](#)[Close](#)



```

1  run("winzip90.exe")
2  sleep(500)
3  WinWaitActive("WinZip® 9.0 SR-1 Setup")
4  sleep(100)
5  Send("{a}")
6  WinWaitActive("WinZip Setup")
7  Send("{ENTER}")
8  WinWaitActive("WinZip Setup - Google Tools")
9  sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", "Choose 'Classic' or 'Wizard', then")
24 sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", "Click 'Next' to continue.")
27 sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", "WinZip needs to associate itself")
30 sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", "Thank you for installing this eval")
33 sleep(100)
34 Send("{ENTER}")

```

## WinZip Setup



Choose "Classic" or "Wizard", then click "Next"

You can start with the "Classic" or "Wizard" interface. It is easy to switch between the two interfaces, and you can always change the default later.

WinZip Classic is the more powerful of the two interfaces and is recommended if you are comfortable with Windows and Zip files.

☒ Start with WinZip Classic

The WinZip Wizard automates the most common tasks involving Zip files and is most useful for users who are new to Windows and Zip files.

☐ Start with the WinZip Wizard

Help

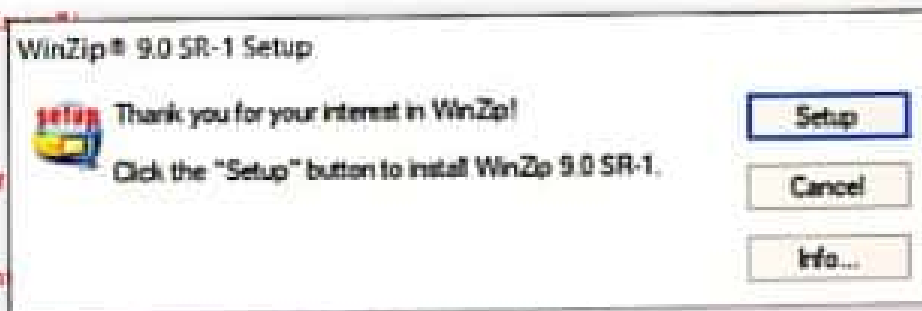
< Back

Next >

Close

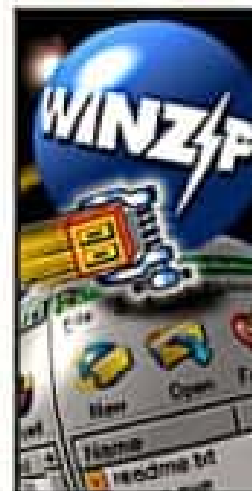


```
1  run("winzip90.exe")
2  Sleep(500)
3  WinWaitActive("WinZip® 9.0 SR-1 Setup")
4  Sleep(100)
5  Send("{a}")
6  WinWaitActive("WinZip Setup")
7  Send("{ENTER}")
8  WinWaitActive("WinZip Setup - Google Tools")
9  Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 Sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disclosure")
19 Sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "W')
24 Sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", 'Click "Next" to contin')
27 Sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself with your archives.')
30 Sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this evaluation version.')
33 Sleep(100)
34 Send("{ENTER}")
```



```
1 run:"winzip90.exe"
2 Sleep(500)
3 WinWaitActive("WinZip 9.0 SR-1 Setup")
4 Sleep(100)
5 Send("{n}")
6 WinWaitActive("WinZip Setup")
7 Send("{ENTER}")
8 WinWaitActive("WinZip Setup - Google Tools")
9 Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 Sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 Sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
24 Sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue.')
27 Sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself v')
30 Sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this eval')
33 Sleep(100)
34 Send("{ENTER}")
```

## WinZip Setup



Thank you for installing this evaluation version.

New WinZip Users:

For a quick introduction to WinZip select "Brief Tutorial" from the "Help" pull-down menu at any time or press the F1 key now.

Help

< Back

Finish

Close

File Edit Search View Tools Options Language Buffers Help



```
1 run("winzip90.exe")
2 Sleep(500)
3 WinWaitActive("WinZip® 9.0 SR-1 Setup")
4 Sleep(100)
5 Send("{s}")
6 WinWaitActive("WinZip Setup")
7 Send("{ENTER}")
8 WinWaitActive("WinZip Setup - Google Tools")
9 Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for instal")
16 Sleep(100)
17 Send("{n}")
18 WinWaitActive("License Agreement and Warranty Disc")
19 Sleep(100)
20 Send("{y}")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("{n}")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or')
24 Sleep(100)
25 Send("{n}")
26 WinWaitActive("WinZip Setup", 'Click "Next" to cont')
27 Sleep(100)
28 Send("{n}")
29 WinWaitActive("WinZip Setup", 'WinZip needs to asso')
30 Sleep(100)
31 Send("{n}")
32 WinWaitActive("WinZip Setup", "Thank you for installing this evaluation version")
33 Send("{ENTER}")
34 WinWaitActive('WinZip (Evaluation Version)')
35 WinClose('WinZip (Evaluation Version)')
36
```







```
1 run("winzip90.exe")
2 Sleep(500)
3 WinWaitActive("WinZip® 9.0 SR-1 Setup")
4 Sleep(100)
5 Send("!s")
6 WinWaitActive("WinZip Setup")
7 Send("{ENTER}")
8 WinWaitActive("WinZip Setup - Google Tools")
9 Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 Sleep(100)
17 Send("n")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 Sleep(100)
20 Send("y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "W')
24 Sleep(100)
25 Send("n")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue')
27 Sleep(100)
28 Send("n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself with your a')
30 Sleep(100)
31 Send("n")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this evaluation ver')
33 Sleep(100)
34 Send("{ENTER}")
```

## WinZip® 9.0 SR-1 Setup



Thank you for your interest in WinZip.  
Click the "Setup" button to begin.

## WinZip Setup

Setup will install WinZip into the following folder, which it will create if necessary.

If you want to install WinZip in a different folder and/or drive, type the name of the folder below:

Install to:

C:\Program Files\WinZip

Browse...

OK

Cancel