

Goals/Objectives

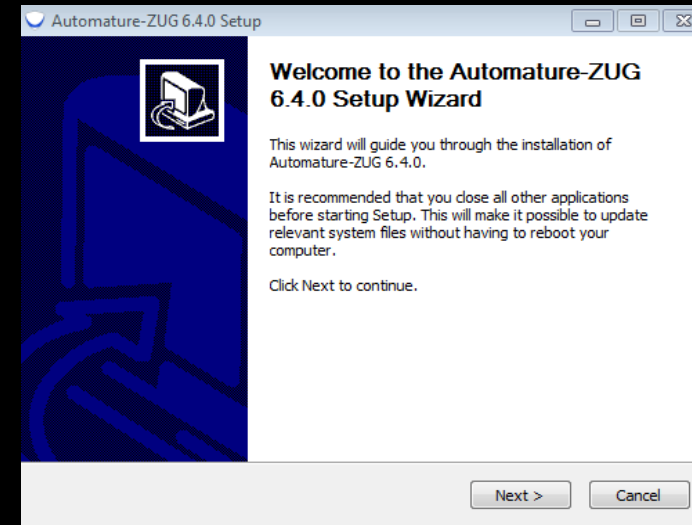
- You'll learn to
 - Install ZUG
 - Upgrade ZUG
 - Configure ZugINI.xml

ZUG installation

Copy Zug install kit, from the share drive

Double Click on the Zug installer icon.

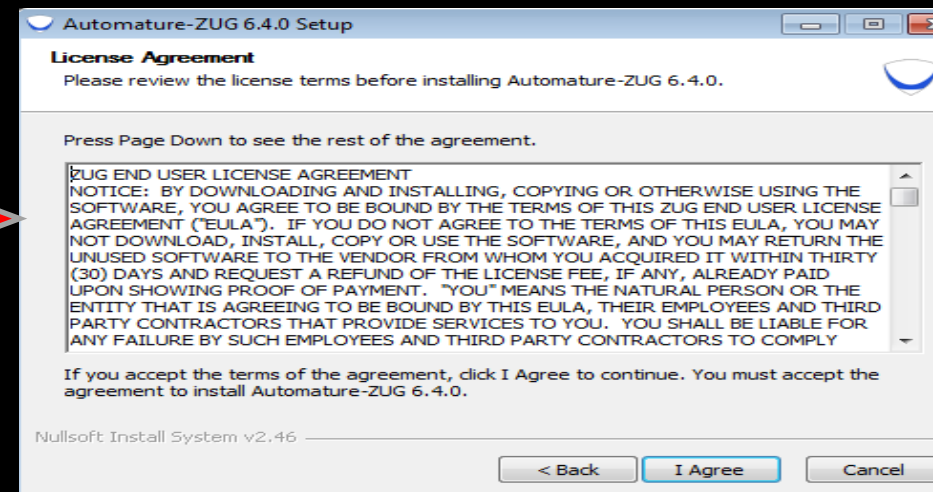
The set up starts automatically and the Welcome screen will appear.



Click on the **Next** button.

The License Agreement window will appear

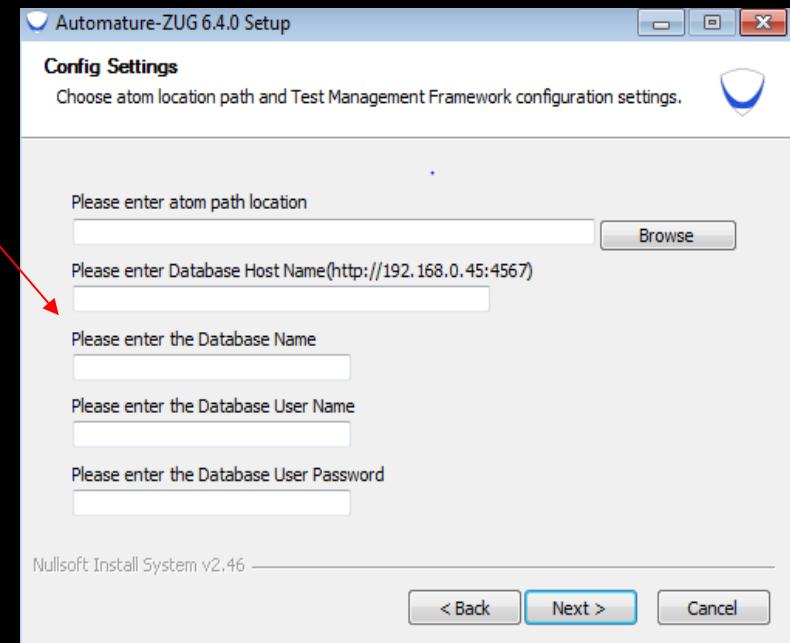
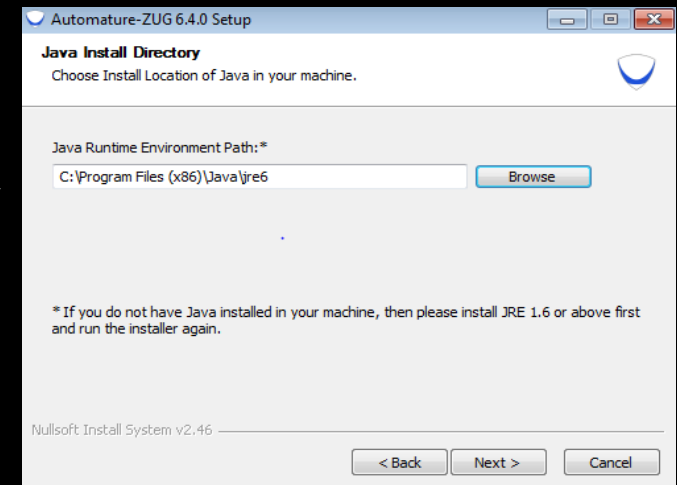
Click on the **I Agree** button



ZUG installation

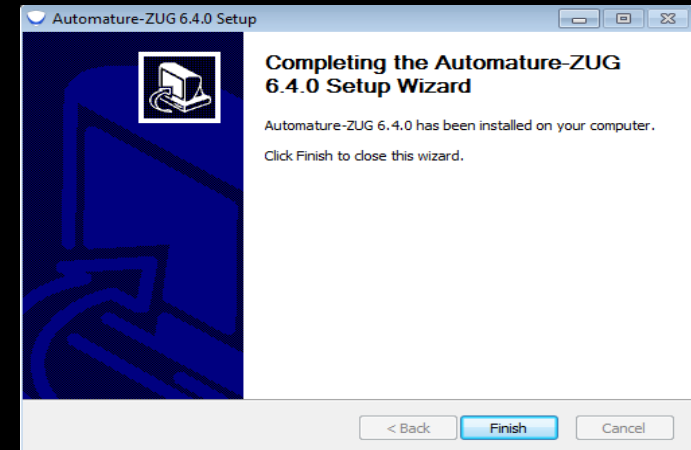
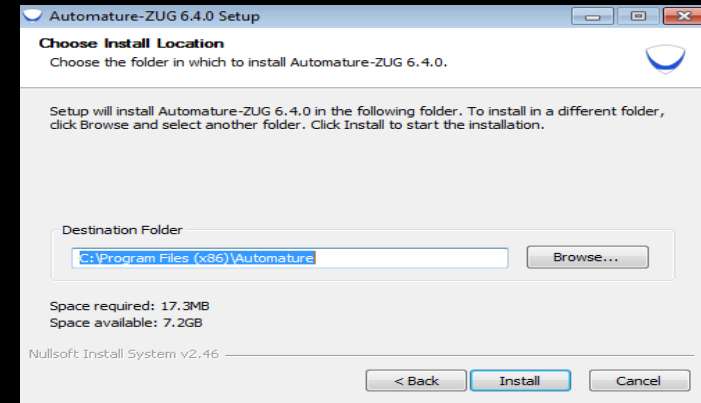
- After clicking on the I Agree button choose the JRE and click next.
- Enter the location of the supporting programs(out process atoms)
- Enter the Data base related information (Host name with port, DB name and DB credentials)

(Note: You can skip the above to points and this can be configured later in the ZUGINI.xml file)



ZUG installation

- Choose the Destination path for installation of Zug.
 - The set up is automatically installed from this point.
 - The screen will appear once the installation is complete
- Open a command prompt
- Type `runzug -v`
 - It will complain about your License key.



```
C:\Windows\system32\cmd.exe

C:\Users\automature7>runzug -v
Automation Started

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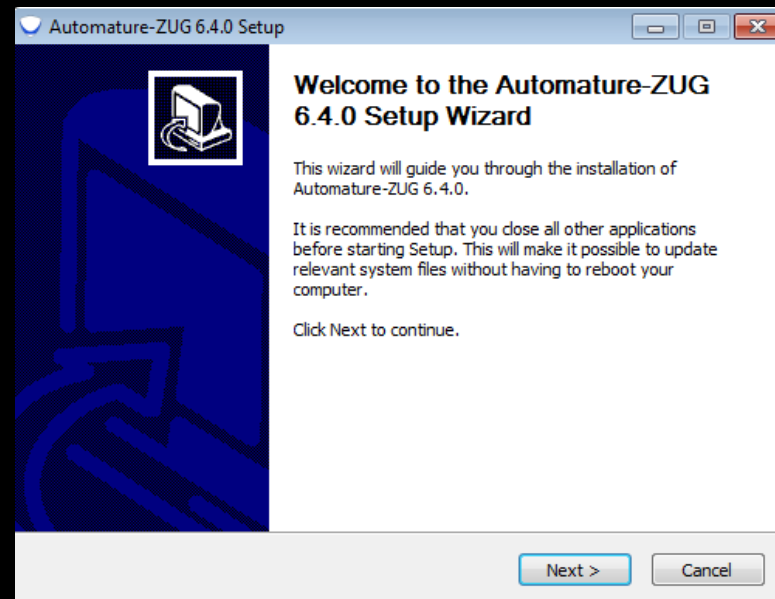
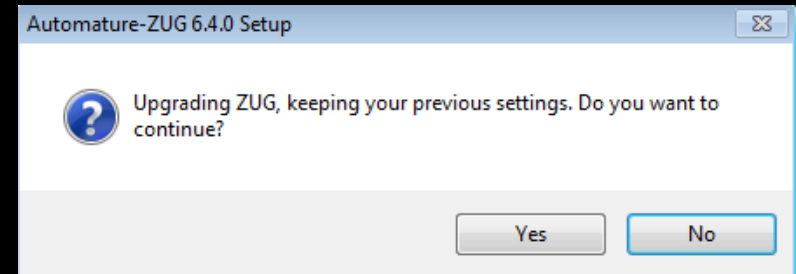
Controller/Main : Validating Command Line Arguments
Zug License.key file not found
Controller/main : Failed to validate your License copy
Message : null

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Automation Finished.
C:\Users\automature7>_
```

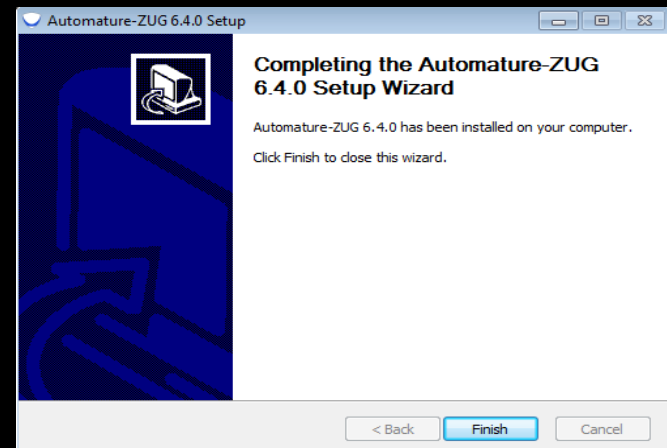
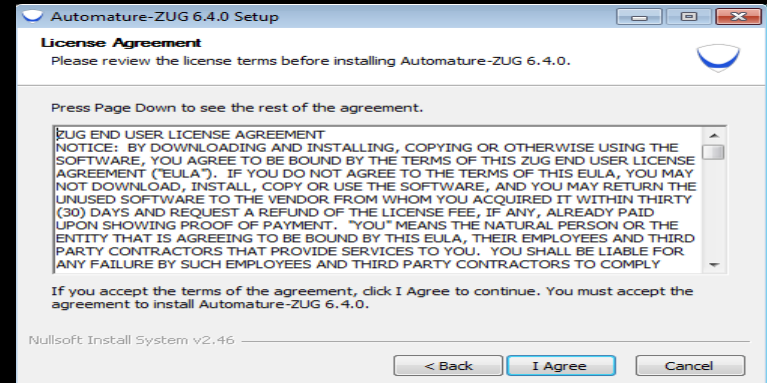
Upgrading ZUG

- Copy Zug install kit, from the share drive
- Double Click on the Zug installer icon .The following prompt will appear.
- Click on Yes.
- Following window appears.
- Click Next .



Upgrade

- The window will appear. 
- Click on the I Agree button
- The set up is automatically installed from this point.
- The screen will appear once the installation is complete 



Configuration-ZugINI.xml

- **Plugin configuration**

- Can call external jar and COM dll files as In-process atom.
- Need to configure details of those in ZugINI.xml

```
<inprocesspackages>
    <inprocesspackage name="" language="">
        <file-path></file-path>
        <jar-package></jar-package>
        <class-name></class-name>
    </inprocesspackage>
</inprocesspackages>
```

Configuration-ZugINI.xml

- **For java In-process atoms**

Example:

```
<inprocesspackages>  
  <inprocesspackage name="Zbrowser" language="Java">  
    <file-path>C:\Programfiles\Automature\ZUOZ\Builtins</file-path>  
    <jar-package>com.automature.zuoz.builtins.zbrowser</jar-package>  
    <class-name>BrowserOperations</class-name>  
  </inprocesspackage>  
</inprocesspackages>
```


Configuration-ZugINI.xml

- **For C++ dll In-process atoms**

Example:

```
<inprocesspackages>
  <inprocesspackage name="JNIDLL" language="JNI">
    <file-path>C:\Programfiles\Automature\ZUOZ\Builtins</file-path>
    <dll-name>TestDLL</dll-name>
  </inprocesspackage>
</inprocesspackages>
```

Configuration-ZugINI.xml

- **For COM dll In-process atoms**
 - For any COM dll atoms the Program ID is needed

Example:

```
<inprocesspackages>  
  <inprocesspackage name="ZCOM" language="COM">  
    <prog-id>Automature.Pioneer</prog-id>  
  </inprocesspackage>  
</inprocesspackages>
```

Configuration-ZugINI.xml

- Data Base and Script configuration

```
<configurations>  
    <scriptlocation></scriptlocation>  
    <dbhostname></dbhostname>  
    <dbname></dbname>  
    <dbusername></dbusername>  
    <dbuserpassword></dbuserpassword>  
</configurations>
```

Configuration-ZugINI.xml

- Example

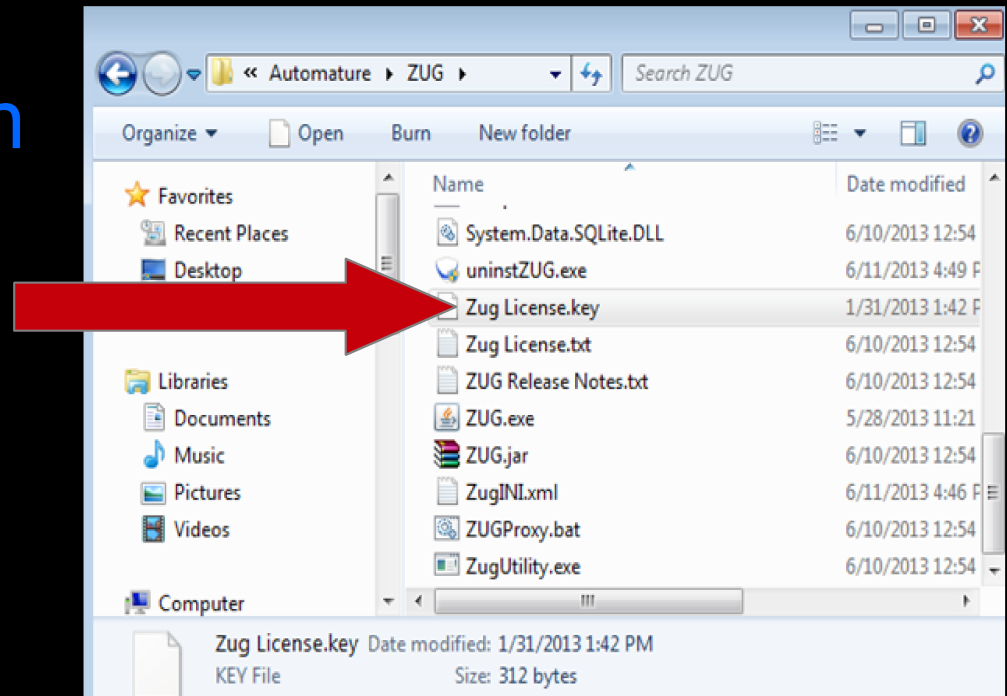
```
<configurations>  
  <scriptlocation>E:\ScriptLocation;D:\Library\Atoms</scriptlocation>  
  <dbhostname>http://localhost:4567</dbhostname>  
  <dbname>Framework</dbname>  
  <dbusername>davosuser</dbusername>  
  <dbuserpassword>user</dbuserpassword> |  
</configurations>
```

Zug Licensing

- Proteck has a perpetual unlimited use license for all Automature products
- A single license file encodes all the machines where the license is valid
- New machines can be added to the license on request by sending an email to sales@automature.com
- License is enterprise-level, and unlocks all features

License Activation

- Save the file **Zug license.key**, provided to Proteck in the Zug folder where ZUG is installed.
- Check the version



```
C:\Windows\system32\cmd.exe

C:\Users\skhan>runzug -v
Automation Started

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[Warning] ZugINI.xml contains blank inprocess package definition. Please refer to the readme.txt or Zug User Manual
Current date is : 2013-6-12
Expiry date is : 2014-1-1
Zug is Valid Automature LLC. This Generic License is issued to Automature and Manimitra for usage of Zug.
ZUG Premium 6.4.0.2013-06-10_00-45-58.131
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Automation Finished.

C:\Users\skhan>
```