

## How do I capture client side errors when using a different look and feel (e.g. Nimbus)?

### Question:

I use the Nimbus look and feel introduced in the Java SE 6 update 10 release. For example:

```
javaw -Dswing.defaultlaf=com.sun.java.swing.plaf.nimbus.NimbusLookAndFeel  
com.iscobol.gui.client.Client -Discobol.conf=client.properties MYAPP
```

I would like to know how I can capture the errors and output sent to stderr and stdout. I understand that the isclient.exe captures these streams in isclient\_out.log and isclient\_err.log in the C:\Program Files\Veryant\isCOBOL2010\bin folder.

How can I create my own "wrapper" executables to do the same thing?

### Answer:

Veryant uses and recommends [install4j](http://www.ej-technologies.com) from ej-technologies <http://www.ej-technologies.com> to create Windows installers and "wrapper" executables for Windows.

For example, isclient.exe is what install4j calls a "launcher". Launchers include the following features and more:

- Customized JRE/JDK detection
- Flexible classpath construction
- Custom working directory
- Windows version info resource
- Splash screen
- Redirection of stderr and stdout
- Custom icon
- VM parameters file

Veryant's launcher configuration for isclient.exe has the following settings (in the install4j project file):

```
name="isclient"  
redirectStderr="true"  
stderrFile="isclient_err.log"  
stderrMode="append"  
redirectStdout="true"
```

```
stdoutFile="isclient_out.log"  
stdoutMode="append"  
mainClass="com.iscobol.gui.client.Client"  
vmParameters="  
quot;-Dswing.defaultlaf=com.sun.java.swing.plaf.windows.WindowsLookAndFeel quot;"
```

install4j comes with a graphical designer program so you don't actually need to type in the above properties.

If you want to create an executable but don't need an installer technology then consider using [exe4j](#) from the same company.

Contact Veryant Support if you would like more information.

Online URL: <https://support.veryant.com/phpkb/article.php?id=126>