Solid Edge Beautify Log

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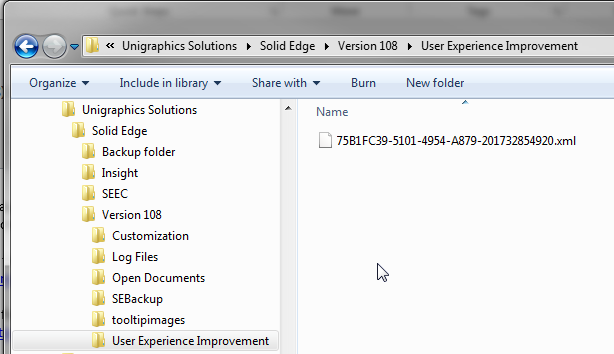
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# Overview

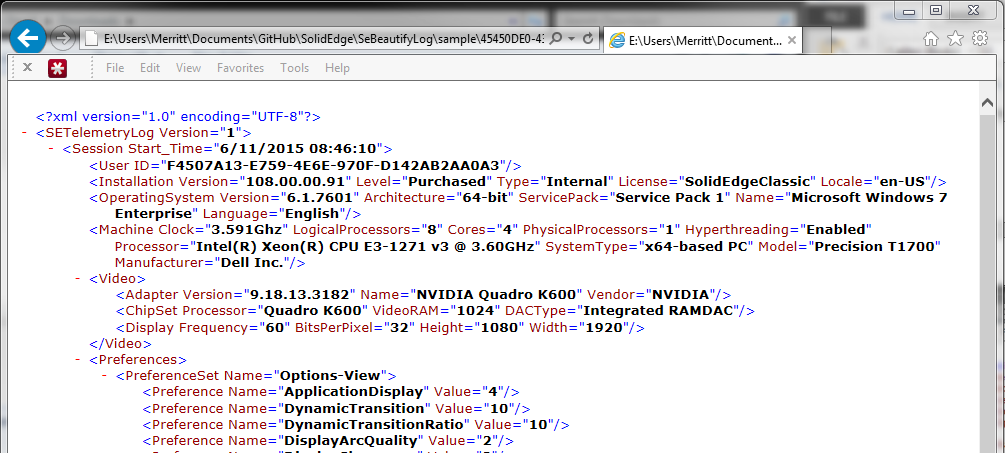
ST8 introduced a new telemetry log File. Solid Edge is now writing out the full command history of a Solid Edge session for the user by default, along with some system configuration information as well. This data can be useful with helping to resolve/reproduce customer issues.

The telemetry log file can be found under “%APPDATA%\Unigraphics Solutions\Solid Edge\<version>\User Experience Improvement”:

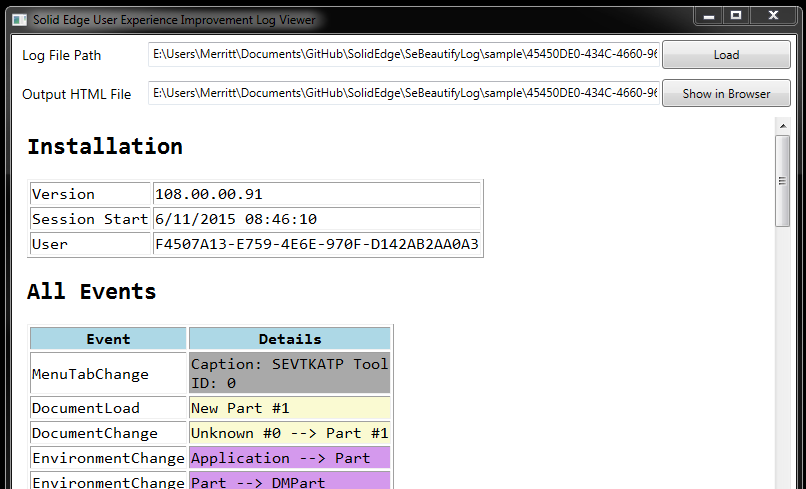


There is only one telemetry log generated per Solid Edge session. As soon as a new Solid Edge session is started the old telemetry log is automatically deleted. Therefore if this log file is to be used for resolving issues it must be captured immediately. If the problem happened two or more sessions ago, the log is already gone.

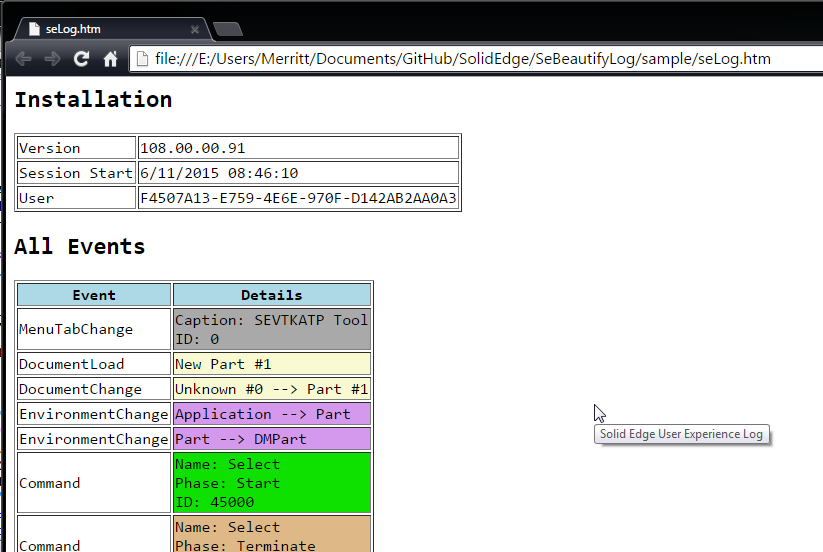
The log file is an XML file that can be opened in Internet Explorer. However, although readable it is not in a friendly usable format:



If you are lucky enough to have access to the Solid Edge development log viewer tool you can then process the XML file into something more readable:

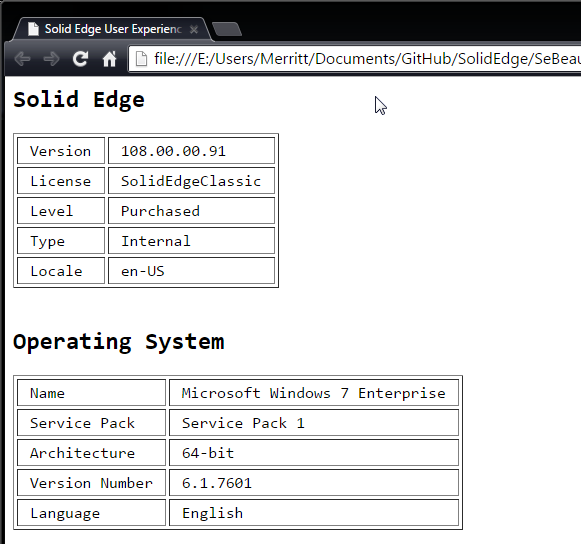


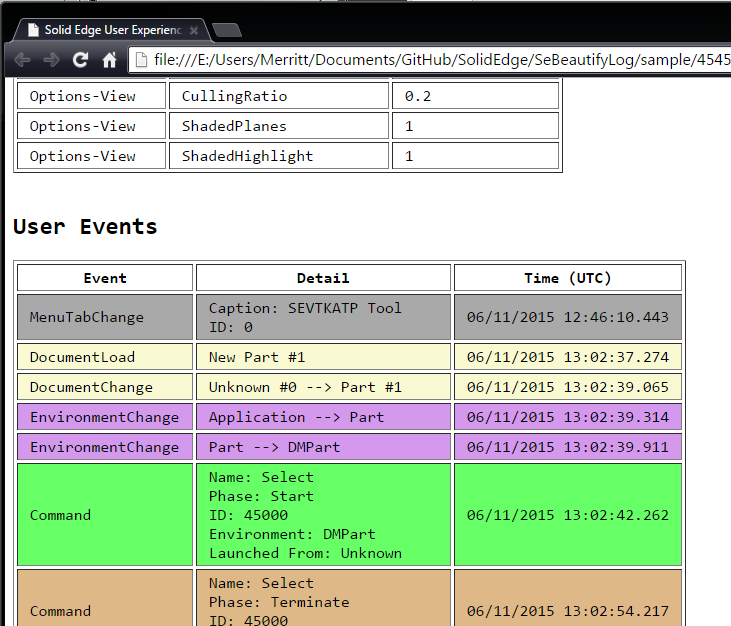
The development tool can also convert the XML file to a HTML file:



However this development tool does not display all of the information contained in the log file and omits various details from the log file.

This utility is designed to convert the XML log file into a more readable format but also attempts to include all of the information contained in the log file. Notice in the screenshots below, how there is much more system data displayed and that there is more data provided in each individual command including timestamps provided:

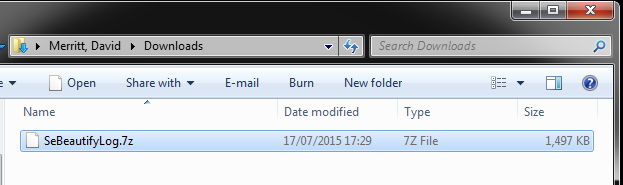




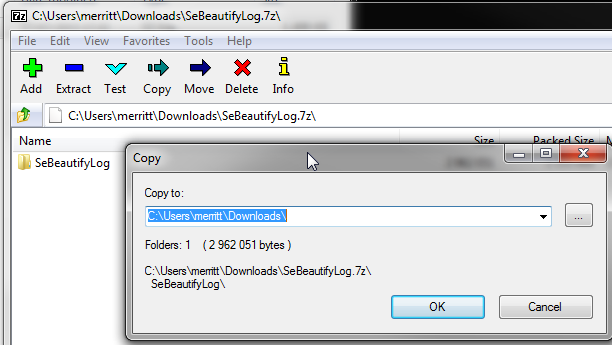
# Setup

## Installing Solid Edge Beautify Log

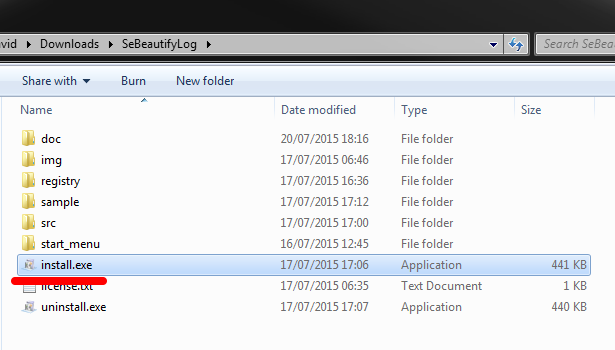
Download the latest distributable compressed file from the [GitHub repository](https://github.com/uk-dave/SolidEdge/blob/master/SeBeautifyLog/SeBeautifyLog.7z?raw=true):



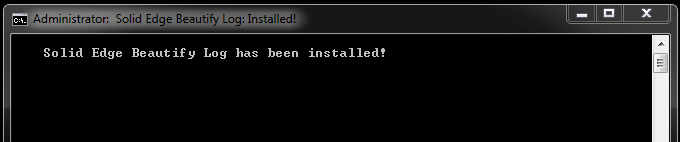
Manually extract the downloaded source files:



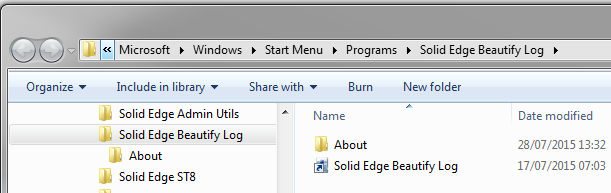
From the extracted files run "install.exe":



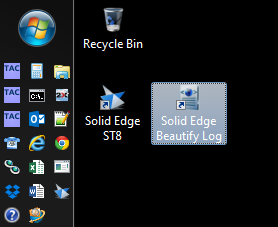
A command prompt window will open while the install is taking place. Do not close this window – it will close automatically once the install has fully completed:



Once the utilities are installed, the installer will automatically exit and the Start menu will be automatically opened. This window can then be closed and you can start using the utility:

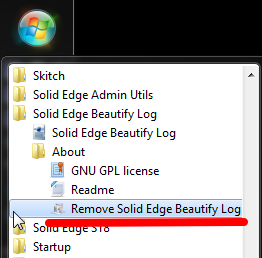


A shortcut is also placed onto your desktop to allow for drag and drop functionality:

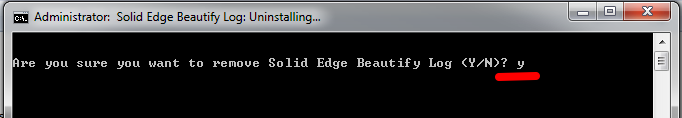


## Removing Solid Edge Beautify Log

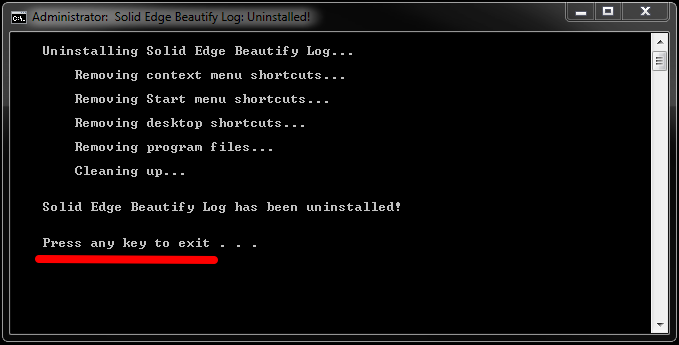
From the Start menu -> Solid Edge Beautify Log -> About, select "Remove Solid Edge Beautify Log".



Respond "Y" to the prompt.



Once uninstalled, press any key to exit the uninstaller.

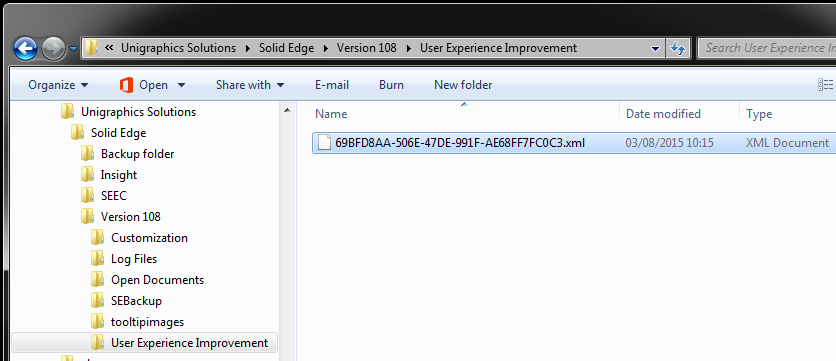


# Usage

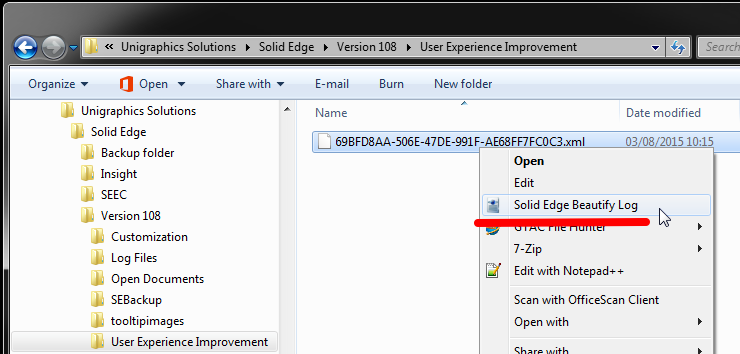
The utility can be used either by right-clicking from Windows Explorer or by dragging and dropping onto the desktop.

## Windows Explorer

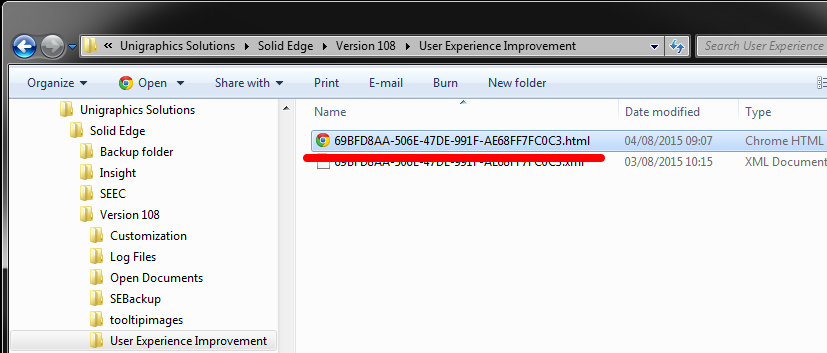
In Windows Explorer browse to wherever the XML log is located. Remember, that the default location for this log file is “%APPDATA%\Unigraphics Solutions\Solid Edge\Version 108\User Experience Improvement”. However, the XML file can be located anywhere e.g. customer provided copy:



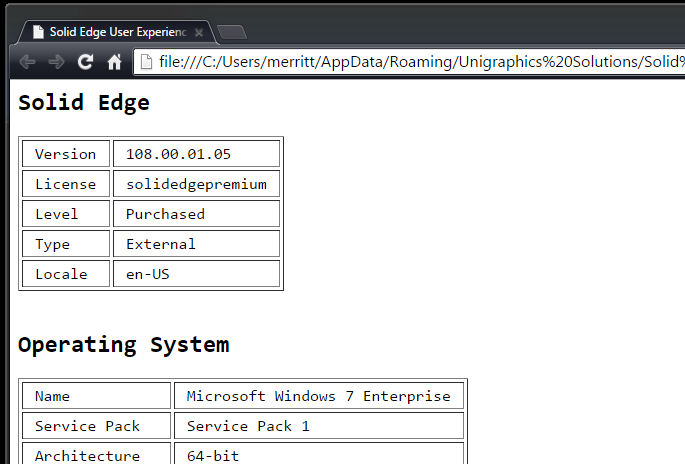
Right-click over the XML file and select “Solid Edge Beautify Log”:



The XML file is automatically converted into a readable HTML file and saved to disk with the same file name and in the same folder location as the source XML file:

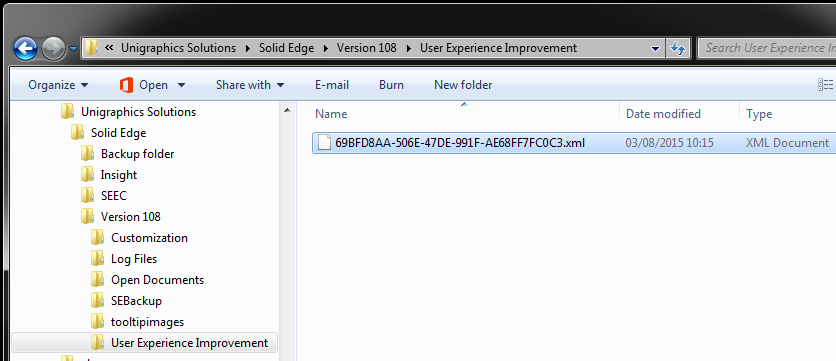


The converted HTML file is also automatically opened into your default Internet browser for your immediate review:

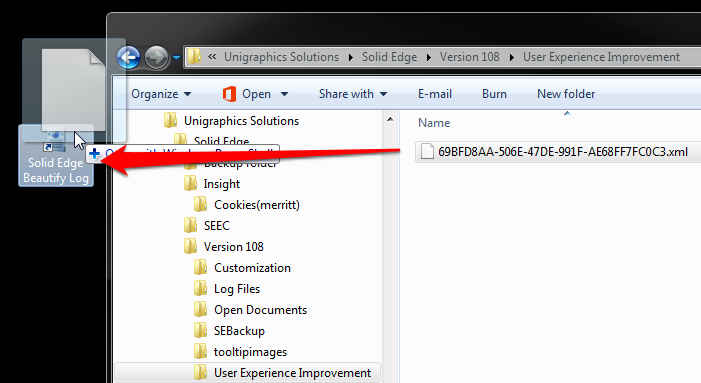


## Drag and Drop to Desktop

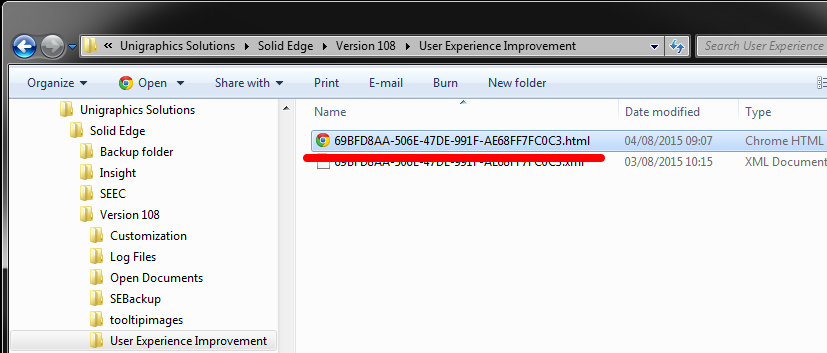
In Windows Explorer browse to wherever the XML log is located. Remember, that the default location for this log file is “%APPDATA%\Unigraphics Solutions\Solid Edge\Version 108\User Experience Improvement”. However, the XML file can be located anywhere e.g. customer provided copy:



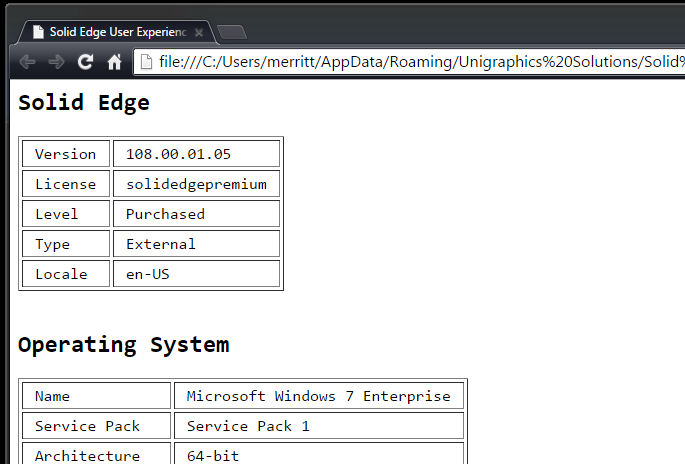
Select the XML file and drag and drop onto the “Solid Edge Beautify Log” shortcut on your desktop:



The XML file is automatically converted into a readable HTML file and saved to disk with the same file name and in the same folder location as the source XML file:



The converted HTML file is also automatically opened into your default Internet browser for your immediate review:



# Known Limitations

The following is a list of current limitations with utility:

* At this time there are no known limitations with this utility.

# Support

Per the GNU license agreement, these scripts are provided without any warranty. Further these scripts are provided without any formal support.

Although no formal support is explicitly offered or provided, should you have any issues, questions, and/or suggestions please [send an e-mail](mailto:david.c.merritt@siemens.com?subject=Solid%20Edge%20Beautify%20Log) and I will attempt to respond.

## Updates and Fixes

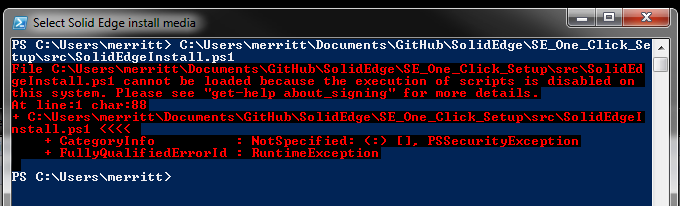
The source code, latest updates, fixes, corrections, etc. can be downloaded at any time from the [GitHub site](https://github.com/uk-dave/SolidEdge/tree/master/SeBeautifyLog).

# Troubleshooting

## Execution of scripts is disabled

This issue should be avoided by using the install script. However, if you installed manually or for some reason the installer could not automatically set the required preference, you may encounter a PowerShell error when running these utilities.

If when you attempt to run these scripts you receive an error message about "the execution of scripts is disabled on this system", you will need to manually modify the PowerShell execution policy.



The setting of the PowerShell execution policy is a one-time change. Once set, it will not need to be set again.

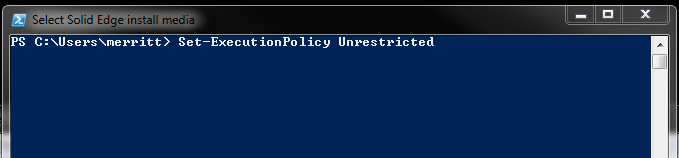
To manually modify the PowerShell execution policy:

Open a PowerShell command line window by selecting the start button, type "powershell", and hit Enter:

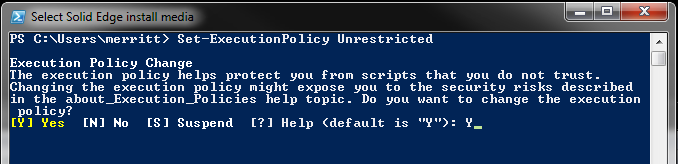




In the PowerShell command window type the command "Set-ExecutionPolicy Unrestricted" and hit Enter:



Type "Y" and hit Enter to confirm changing the execution policy:



The PowerShell execution policy has now been updated and you can run the utilities without any execution policy errors.