Diagtool scripts

The following is all about Diag scripts used to facilitate our work with Polarion Diagtool results.

1 How to Download/Install

I'm aborting TortoiseSVN and http://cns.labs.polarion.com/repo/support/trunk . It's painfully slow to work with here in the US.

Instead go to https://github.com/deuber/diagtool_scripts

Download the latest zip file to get all the tools at once. Then add them to C:\Windows\System32 (window's version of bin), open a new shell and the tools should be available. Or download only the tools that I've recently changed.

2 Diagsearch (log parsing)

The Diagsearch tool parses Polarion Diagtool results to allow you easily spot issues. Remember when parsing a Cluster environment, put all your Diagtool result in one folder and run the tool on that folder. In this way you'll parse all results to one location and be able to easily compare each instance. See directions above how to download.
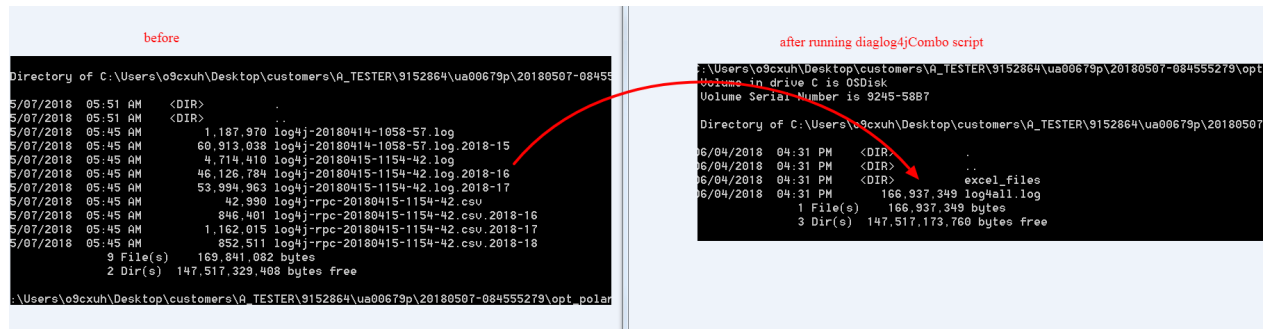

More about Recursive Search Tools

3 Diaglog4jCombo (combines multiple log4j files)

I find it annoying to open multiple log4j files, so why not just open one? This tool combines all your log4j files in one file. A prompt will ask if you want to remove all existing log4j files. I recommend yes! to avoid any duplicate search results and save a little space. Your originals are still in the .zip file anyhow. See directions above how to download.

4 Diagunzip and DiagunzipALL (unzips files)

These tools unzip one or multiple zip files

5 Diagrename and DiagrenameALL (rename dirs)

These tools rename the folders that contain the diagtool results and renames the dir to startup context (Standalone, Coordinator or Node. If use DiagrenameALL it also moves the folder into a pdt directory.

Diagrename.bat (run within DiagDoall) requires that unzipped file name includes "diagtool_results" so this works 9201771_diagtool_results.zip but this 9201771.zip does not . Good news, typically this is not an issue as Diagtool results naming convention includes "diagtool_results" in it's name. To fix this rename your zipped files by adding "diagtool_results" before running diagDoall.

6 DiagDoall (does it all)

This tool does it all! Run if from within a directory containing your zip files.

Diagdoall requires all of the above scripts be downloaded C:\Windows\System32!!!!

Diagdoall does not yet work on Shared Server results

Typically I create a directory named the same as the IR number and put my zipped files inside. Once that is done run diagdoall from within the directory. The tool will then execute the following:

1. Unzips all .zip files
2. Moves zipped files to zip Directory
3. Makes dir pdt
4. Renames unzipped files if they are diagtool results, leave the others as is.
5. Moves renamed unzipped Diagtool results with a name including " diagtool_results" results to the pdt dir
6. Runs Diaglog4jCombo.bat to combine log4j files into one file for each instance
7. Runs diagsearch parsing tool on contents of pdt dir

7 DiagUpload (uploads files to Support)

This tool helps to avoid slow Windows madness (US Team) when needing upload files to Support. Note, the files are NOT stored in Customer folder but rather a folder called "IR". This is how Milos does it and I don't see why not as the Customer folder names have no conventions and are all over the place anyhow. This is not part Diagdoall (above).

The command is run as follows

diagUpload.bat <ir number> <zip file name>

Example-

```
C:\Users\o9cxuh\Desktop\customers\MOBIL ELEKTRONIK GMBH\9207086>diagUpload.bat 9207086 9207086_polarion.log.txt
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Creating new dir 9207086 within  "\\10.123.30.101\polarion\Support\IR\"         Arguement one is new Dir        File you want to
Copying 9207086_polarion.log.txt to  \\10.123.30.101\polarion\Support\IR\9207086                                upload
C:9207086_polarion.log.txt
1 File(s) copied
You can find their log on:
 \\storage.labs.polarion.com\polarion\Support\IR\9207086\9207086_polarion.log.txt          Provide this path to Dev
-----------------------------
```

8 Potential Gotchas

Sometimes I see annoying Windows access issues. For example, if you had files loaded in Glogg or other editor and were also trying to edit those files via the command line, Window won't allow it. I hate Windows, that's not true in Linux! Also, happens when you try to move or delete a .docx file but you are holding the file in Word. Also if you have open two command shells and you try to modify something in one where you are "holding the file" in the other. If you run into an issue where these tools are not behaving, try closing Glogg or any editor that might be holding files that these tools might be trying to modify, then try it again.

Although I've stated the following above...Diagrename.bat (run within DiagDoall) requires that unzipped file name includes "diagtool_results" so this works 9201771_diagtool_results.zip but this 9201771.zip does not. Good news, typically this is not an issue as Diagtool results naming convention includes "diagtool_results" in its name. To fix this rename your zipped files by adding "diagtool_results" before running DiagDoall.