z/OS 3.1 IBM Education Assistant

Solution Name: Case-Insensitive Sort for ISPF UNIX Directory List HLD

Solution Element(s): ISPF

July 2023





Agenda

- Trademarks
- Objectives
- Overview
- Usage & Invocation
- Interactions & Dependencies
- Upgrade & Coexistence Considerations
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Trademarks

• See url http://www.ibm.com/legal/copytrade.shtml for a list of trademarks.

- Additional Trademarks:
 - None

Objectives

- Enable the user to sort the entries in the z/OS UNIX Directory List in a case-insensitive way (AaBbCc)
- This is to address Idea ZOS-I-1298 "UNIX file listings require extra work when viewing the list because of case sensitivity".

Overview

- Who (Audience)
 - z/OS UNIX Directory List Utility users
- What (Solution)
 - The ISPF table containing the directory list entities has an additional non-displayable column containing the file name in all capital letters. The directory list can be sorted by the new column, resulting in a case-insensitive sort (AaBbCc)
- Wow (Benefit / Value, Need Addressed)
 - The z/OS UNIX Directory List Utility will be more similar to ISHELL in enabling its users to sort case-insensitive and find specific files easier.

Usage & Invocation (1 of 4)

- The z/OS UNIX Directory list can be sorted case-insensitive in three ways:
 - In the panel ISRUUL01 as an on/off value. Turning on the case-insensitive option from this panel will save the preference to the user profile and will be applied on the next logon.
 - Change the field the list is sorted by in the ISRUULST panel to option 17. This will only change the sorting for this one instance.
 - In the panel ISRUULD0 use the command line **sort caseless** or **sort case**, then refresh to sort the list case insensitive.

Usage & Invocation (2 of 4)

- z/OS UNIX Directory List
 Options panel (ISRUUL01)
- Case-insensitive sort option can be selected with a "/"

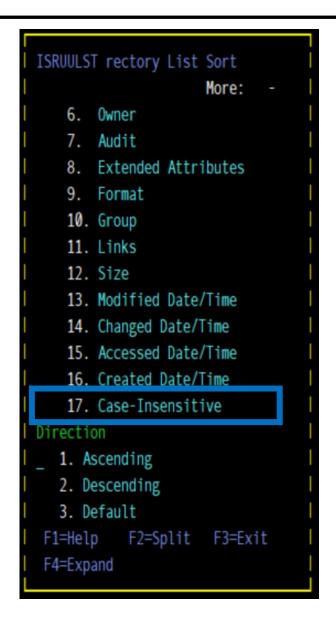
```
ISRUUL01
                    z/OS UNIX Directory List Options
Command ===>
Width of filename column . . . . . . . . . <u>15</u>
Pathname substitution character . . . . !
z/OS UNIX command time limit . . . . .
Enter "/" to select option
                                                 Output Mode
  Confirm File Delete

    View

  Confirm Non-empty Directory Delete
                                                    Browse
   Bypass z/OS UNIX File Edit Options panel
   Display permissions in octal format
  Enter z/OS UNIX commands in Command field
  Case-insensitive sort
 F1=Help
               F2=Split
                              F3=Exit
                                             F4=Expand
                                                            F7=Backward
 F8=Forward
               F9=Swap
                             F10=Actions
                                            F12=Cancel
```

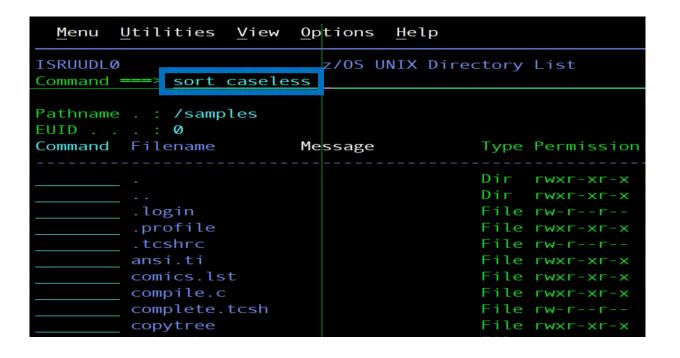
Usage & Invocation (3 of 4)

- z/OS UNIX Directory List Sort panel (ISRUULST)
- Case-insensitive sort is option
 17 in the list
- Can be invoked also with a sort caseless or a sort case command



Usage & Invocation (4 of 4)

- z/OS UNIX Directory List panel (ISRUUDL0)
- Can be invoked with a sort caseless or a sort case command
- Needs to be followed by a refresh command



Interactions & Dependencies

- Software Dependencies
 - None
- Hardware Dependencies
 - None
- Exploiters
 - None

Upgrade & Coexistence Considerations

- To exploit this solution, all systems in the Plex must be at the new z/OS level: No
- List any toleration/coexistence APARs/PTFs: None
- List anything that doesn't work the same anymore: None
- Upgrade or coexistence concerns: None

Installation & Configuration

None

Summary

- The z/OS UNIX Directory List can be sorted case-insensitive
- This feature can be enabled through the Options panel or through the Sort panel

Appendix 1

- z/OS ISPF Publications
 - ISPF Dialog Developers Guide and Reference SC19-3619-60
 - ISPF Dialog Tag Language Guide and Reference SC19-3620-60
 - ISPF Edit and Edit Macros SC19-3621-60
 - ISPF Messages and Codes SC19-3622-60
 - ISPF Planning and Customization SC19-3623-60
 - . ISPF Reference Summary SC19-3624-60
 - ISPF SCLM Guide and Reference SC19-3625-60
 - ISPF Services Guide SC19-3626-60
 - ISPF Users Guide Volume I SC19-3627-60
 - . ISPF Users Guide Volume II SC19-3628-60