IBM Education Assistance for z/OS V2R1

Item: Removal of Runtime Option USERMODS
Element/Component: Language Environment

Agenda

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Trademarks

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

Presentation Objectives

- Explain the removal of Language Environment Runtime Option USERMODs

Overview

- The Language Environment runtime option USERMODs for setting installation default Language Environment runtime options have been an ongoing source of confusion and errors for our customers. Being assembler based CSECTs they were difficult to maintain and update. Additionally it was required they be updated at each new release of z/OS. Other runtime option mechanisms have allow Language Environment to remove this support in favor of simpler, more use friendly, methods.

Overview (continued)

- Problem Statement / Need Addressed
  - The Language Environment runtime option USERMODs were difficult to use and maintain.

- Solution
  - Use CEEPRMxx to set system default Language Environment runtime options.

- Benefit / Value
  - Using CEEPRMxx provides the functionality of the Language Environment runtime option USERMODs in a much more user friendly way.
    - No need to update your CEEPRMxx members each release
    - No need to specify all runtime options
    - Can change system wide options "on the fly"
    - Support already in place and used by most customers

Usage & Invocation

- Removal of the ++USERMODs to create CEEDOPT and CELQDOPT runtime options csects from CEEDOPT, CEECOPT and CELQDOPT samples

- Originally in the statement of direction in announcement of z/OS V1R12

- Statement of direction in z/OS V1R13 stated that z/OS V1R13 would be the last release to support these usermods

- These usermods are removed in z/OS V2R1

Usage & Invocation

- Other related changes:
  - "Installation Default" is renamed to "IBM-Supplied Default"
    - Options report, D CEE output and publications

  - CEEXOPT macro updated to fail when processing CEEDOPT or CELQDOPT with MNOTE 16.

  - CEEDOPT, CEECOPT and CELQDOPT samples removed

  - CEEWDOPT, CEEWCOPT, and CEEWQDOP sample jobs removed

  - New samples CEERDOPT, CEERCOPT and CELQRDOP for CEEROPT generation.

  - Healthcheck "CEE_USING_LE_PARMLIB" is being removed.
    - No longer useful once ++usermods are no longer supported.

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Usage & Invocation

- What's not changing

    – CEEROPT and CEEUOPT support is not affected!

    – Other methods of setting Language Environment runtime options are similarly unaffected.

Migration & Coexistence Considerations

- If you were still using the Language Environment runtime option USERMODs to generate your "installation default" runtime options, you must now begin using another method.
  - IBM recommends the use of CEEPRMxx members to set your "system default" runtime options. See the Language Environment Customization Guide for details on using CEEPRMxx.
  - In some rare cases where multiple "installation default" runtime options existed you may need use CEEROPT for batch programs.

- The term "installation default" has change to "IBM supplied default" in the Language Environment runtime Options report and in output from the D CEE command.

- The Healthcheck "CEE_USING_LE_PARMLIB" is removed and may no longer be executed.

Presentation Summary

- Support for the Language Environment runtime option USERMODs has been removed. If you have not already done so, you should begin using CEEPRMxx members to set "System default" runtime options.