IBM Education Assistance for z/OS V2R2

Item: Name/Token enhancement
Element/Component: BCP Supervisor

Agenda

- Trademarks

- Presentation Objectives

- Overview

- Usage & Invocation

- Migration & Coexistence Considerations

- Presentation Summary

- Appendix

Trademarks

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

Presentation Objectives

- Understand the new Name/Token enhancement capability

Overview

- **Problem Statement / Need Addressed**
  - Name/Token cannot be used to locate dynamic storage area to use because its only interfaces require dynamic storage.

- **Solution**
  - Provide name/token retrieve variants that use register-only interfaces

- **Benefit / Value**
  - Improved usability

Usage & Invocation – IEANTRTR macro

- Environment: same as for IEANTRTS / IEAN4RTS

- IEANTRTR LEVEL=l,NAME=n[,TOKEN=t]

- On success:
    - Output 64-bit GR0 contains bytes 0-7 of returned token
    - Output 64-bit GR1 contains bytes 8-15 of returned token

Migration & Coexistence Considerations

- No Migration considerations, no Coexistence considerations

- You must not use IEANTRTR unless you know that you are on z/OS V2R2 or later (you can check bit CVTZOS_V2R2 in byte CVTOSLV6 being on)

Presentation Summary

- Name/Token Retrieve supports a register-only interface

Appendix

- Publications:
    - z/OS MVS Programming: Assembler Services Reference IAR-XCT
    - z/OS MVS Programming: Authorized Assembler Services Reference EDT-IXG