

# z/OS V1R13

## DFSMS IDCAMS: LISTCAT LEVEL with CTGCDI

### Session objectives

- At the completion of this session you should be able to
  - Identify the use of the LISTCAT LEVEL with CTGCDI option.
    - LVL is an alias for LEVEL.
  - Identify what the new option does for a LISTCAT with LEVEL.
  - Identify how it differs from ordinary LISTCAT LEVEL.

### Overview

- Problem Statement
  - Ordinary LISTCAT with LVL sometimes does not list all dependent objects for a CLUSTER or an AIX. This happens when the LVL pattern for the DATA and the INDEX objects does not match the generic pattern expressed.
- Solution
  - With a CTGCDI option to a LISTCAT LVL, you are able to see the other dependent objects, so long as the pattern matches the main CLUSTER or AIX object.
- Benefit / Value
  - You gain more information for a LISTCAT LVL across many catalogs and better understand what dependent objects associate with which primary objects.

### Usage and invocation

- LISTCAT LVL(pattern) CTGCDI
- This enables customers to obtain CLUSTER, AIX, DATA, and INDEX elements whose names do NOT match the LVL pattern if the pattern is matched by the parent object.
- With the CTGCDI option, for example, a CLUSTER, DATA, INDEX set of objects named BASE1.CLUSTER, BASE2.DATA, and BASE3.INDEX with a LISTC LVL(BASE1) ALL CTGCDI would list the CLUSTER (since it matches LVL pattern), the DATA (because of the CTGCDI specification), and the INDEX objects (again, because of the CTGCDI specification). Without it, only the CLUSTER object would display.
- Default is NOCTGCDI, so you must specify CTGCDI to get the extra set of dependent objects.

### Interactions and dependencies

- Hardware Dependencies
  - There is no new hardware introduced with this support.
- Software Dependencies
  - There is no new software dependency introduced with this support.
- Exploiters
  - All users of z/OS R1V13 and IDCAMS LISTCAT.

### Migration and coexistence considerations

- There are no special migration considerations and no deviation from the standard migration process.
- This function should not require an application outage in the SYSPLEX.
- There are no coexistence considerations and no coexistence PTF's required.

### Installation

- Prerequisites for Installation
  - No APARs or PTFs needed.
  - The installation is in compliance with z/OS product packaging rules.
  - No hardware configuration is required to change.
  - No PARMLIB statements or members need to change.
  - There are no other system programmer procedures required.
  - There are no special planning considerations.
  - There are no special web deliverables needed.
  - The installation does not change any system defaults.

### Session summary

- LISTCAT LVL now has a new option, CTGCDI, for its output.
- If specified, a LISTCAT LVL will also list the dependent objects in a listing so long as its main object matches the LVL pattern.
- Without it, LVL listing is as before.
- The CTGCDI specification has an effect only with LVL.
- The parameter allows you to see more in a LVL listing than merely what matches the LVL pattern, necessarily.

### Appendix - References

- *z/OS DFSMS Access Method Services for Catalogs*, SC26-7394-12