

Modernizing IMS Change Management

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HH



Abstract

Many experienced IMS DBAs are nearing retirement and companies are often replacing them with less experienced people who need to support more than one DBMS, the so called “universal DBA”, who may support IMS and Db2. These newer DBAs want a new approach to IMS change management that uses a modern user interface and scripted workflows. This session looks at a possible approach to address this need while also providing some benefits to experienced DBAs.

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Modern Change Management Goals

Deliver ease of use for supporting IMS

- Support universal DBAs
- Provide capabilities for the experienced IMS DBA

Simplify IMS maintenance activities

- Support traditional GEN process
- Ease migration to the IMS catalog
- Create scripted workflows
- Use a modern interface

Increase IMS business agility

Use Cases

View IMS objects and make changes using a graphical user interface

Understand impact of proposed changes

Generate jobs/JCL to do specified actions

Make IMS easy to manage by using SQL/DDDL

Simplify IMS type 2 command creation

Scenarios

Understanding the Value

Do you have a need to modernize IMS change management?

Do you think this would

- Help universal DBAs support IMS?
- Reduce risk when making changes?
- Enable applications developers to be more self-sufficient?
- Increase productivity?

What is your preferred UI – ISPF? GUI? Eclipse?

What other IMS change workflows do you regularly do?

Summary

We need to look to the future

- Leverage new innovations (IMS Catalog, managed ACBs)
- Enable the DBAs and systems programmers of the future
- Support DevOps for IMS

Remove complexity


- Step by step workflows
- Have undo/revert actions ready to use

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