



JCL

Chapter c2

Cataloging procedures

Job Control Language

Chapter a1. Introduction to JCL

Chapter a2. Coding JOB statements

Chapter a3. Coding EXEC statements

Chapter a4. Coding DD statements

Chapter a5. Analyzing job output

Chapter a6. Conditional processing

Job Control Language

Chapter b1. Using special DD statements

Chapter b2. Introducing procedures

Chapter b3. Modifying EXEC parameters

Chapter b4. Modifying DD parameters

Chapter b5. Determining the effective JCL

Chapter b6. Symbolic parameters

Job Control Language

Chapter c1. Nested procedures

Chapter c2. Cataloging procedures

Chapter c3. Using utility programs

Chapter c4. Sample utility application

Cataloging procedures.

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Cataloging procedures

Cataloging procedures.

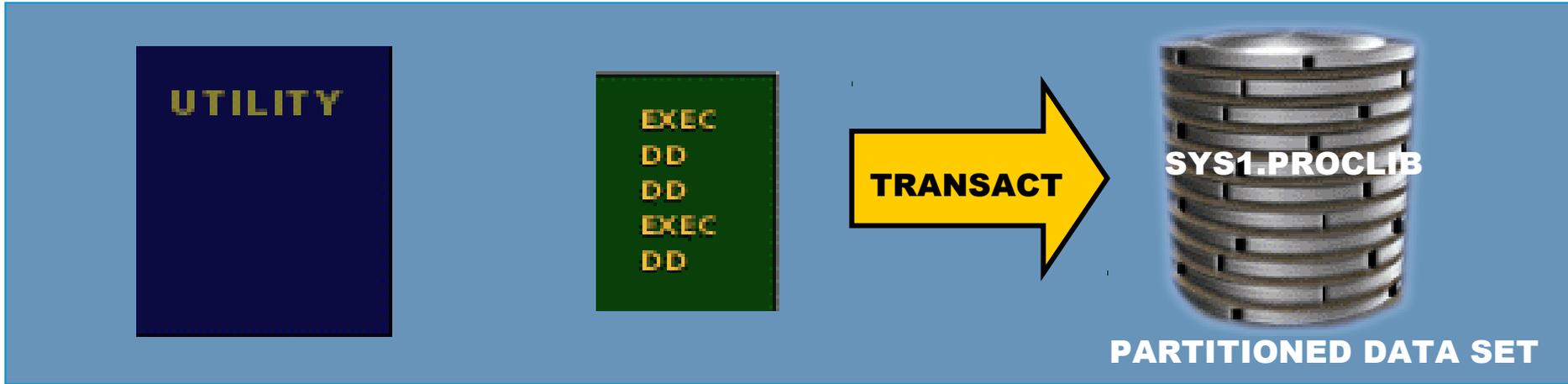
Course objectives.

Be able to:

- To catalog procedure using IEBUPDTE utility or using JCLLIB statement.

Cataloging procedures.

Using IEBUPDTE utility.

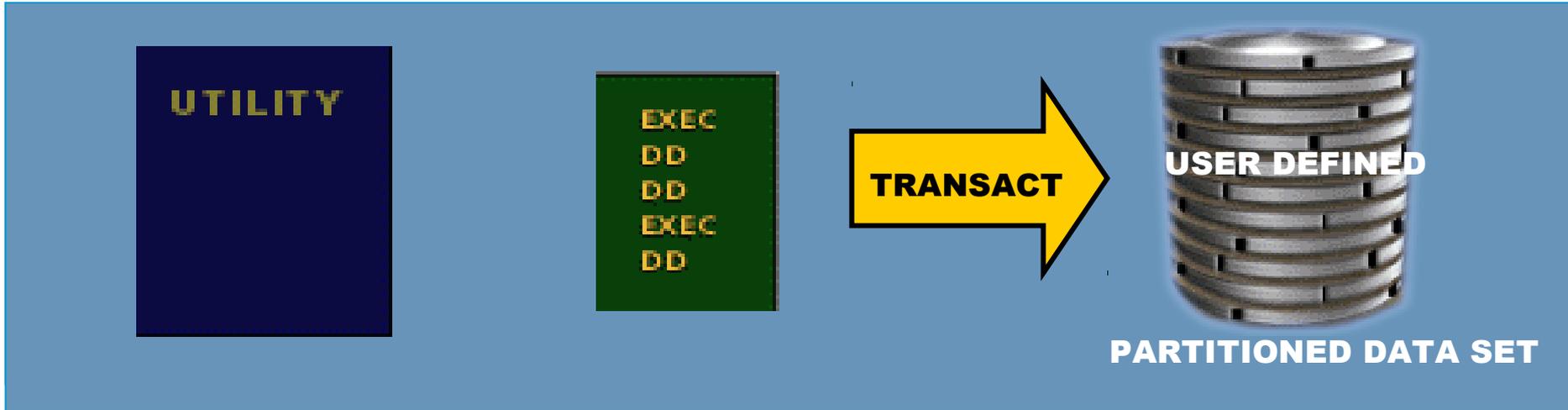


What is an IEBUPDTE Utility?

After testing and debugging a new procedure, you may want to catalog it for general use. Cataloged procedures are generally placed in a system library named SYS1.PROCLIB. This can be accomplished by using the IEBUPDTE Utility.

Cataloging procedures.

Using JCLLIB.



How to place cataloged procedures?

Cataloged procedures can be placed in a user defined PDS using IEBUPDTE. The JCLLIB statement is coded as:

```
// JCLLIB ORDER=(data set name, data set name, ...data set name)
```

The JCLLIB statement can be placed after the JOB statement, and before the statement executing the procedure. You can list one or more libraries in the order you want them searched.

Cataloging procedures.

Using JCLLIB – an example.

Assume TRANSACT is placed in a private procedure library named MY.PROCLIB.

When executing TRANSACT, you should code the JCLLIB statement after the JOB statement, but before the statement executing TRANSACT, as shown on the right.

```
//JSTEP1 JOB      1234,ROSE,...  
//          JCLLIB ORDER=MY.PROCLIB  
//JSTEP2 EXEC    TRANSACT
```

Cataloging procedures.

Are we on track?

Which of the following could you use to catalog a procedure?

- A. IEBGENER Utility.**
- B. JCLLIB statement.**
- C. IEBUPDTE Utility.**

Cataloging procedures.

Unit summary.

Now that you have completed this unit, you should be able to:

- **To choose different way how to catalog a procedure.**

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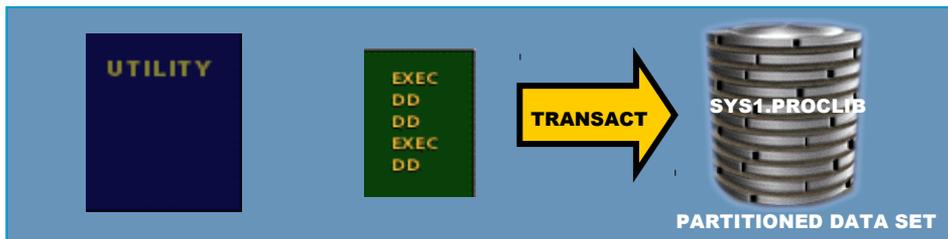
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Be able to:

- **To catalog procedure using IEBUPDTE utility or using JCLLIB statement.**

Cataloging procedures.

Using IEBUPDTE utility.



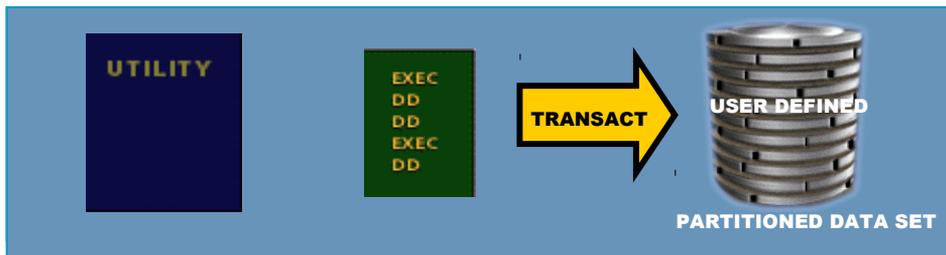
What is an IEBUPDTE Utility?

After testing and debugging a new procedure, you may want to catalog it for general use. Cataloged procedures are generally placed in a system library named SYS1.PROCLIB. This can be accomplished by using the IEBUPDTE Utility.

IEBUPDTE is designed to add and replace procedures in a partitioned data set.

Cataloging procedures.

Using JCLLIB.



How to place cataloged procedures?

Cataloged procedures can be placed in a user defined PDS using IEBUPDTE. The JCLLIB statement is coded as:

```
//      JCLLIB  ORDER=(data set name, data set name, ...data set name)
```

The JCLLIB statement can be placed after the JOB statement, and before the statement executing the procedure. You can list one or more libraries in the order you want them searched.

JCLLIB – A statement that enables you to store cataloged procedures in your own library and search it for procedures.

Cataloging procedures.

Using JCLLIB – an example.

Assume TRANSACT is placed in a private procedure library named MY.PROCLIB.

When executing TRANSACT, you should code the JCLLIB statement after the JOB statement, but before the statement executing TRANSACT, as shown on the right.



Cataloging procedures.

Are we on track?

Which of the following could you use to catalog a procedure?

- A. IEBGENER Utility.**
- B. JCLLIB statement.**
- C. IEBUPDTE Utility.**

The correct answer is C.

Cataloging procedures.

Unit summary.

Now that you have completed this unit, you should be able to:

- **To choose different way how to catalog a procedure.**