Utilities: IUTSYSIN

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This document describes how to use the IUTSYSIN program to pass a parameter field to later job steps as SYSIN data. This information assumes you already know some JCL and are familiar with a programming language.

Related search terms include IDCAMS, jobs, data set.

UF Information Technology

UFIT

2046 NE Waldo Rd, Suite 2100
Gainesville Florida 32609-8942
(352) 392.2061
<editor@cns.ufl.edu>
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IUTSYSIN

IUTSYSIN converts a parameter field into one or more card images, then writes them to a temporary data set to be passed to subsequent steps as SYSIN data.

This document is intended for people who already know some JCL and are familiar with a programming language or package.

JCL

Figure 1 shows a sample JCL setup to execute the IUTSYSIN program.

Figure 1. JCL to Use the IUTSYSIN Program

```
//jobname JOB (,,time,lines),'your name',CLASS=class
/*ROUTE PRINT node.location
//PARMGEN EXEC PGM=IUTSYSIN,
// PARM='xxx'
//SYSIN DD DSN=SYSIN,UNIT=VIO,SPACE=(TRK,1),DISP=(NEW,PASS)
... rest of job
```

In these statements, "xxx" can be a maximum of 100 characters. It is passed to the program in the parameter field according to the following rules:

- If the first character is alphanumeric, only one card image will be written to the temporary output data set.
- If the first character is not alphanumeric, that character will be used to delimit logical input records.
- If the first character is a blank, the blank will be ignored and one card image will be written to the temporary data set.
- Logical records that are longer than 80 characters will be truncated; shorter records will be padded with blanks.

Do not add DCB parameters to the SYSIN DD statement, because they are already coded in the IUTSYSIN program as follows:

```
DSORG=PS,RECFM=F,LRECL=80,BLKSIZE=80
```

Example

Figure 2 shows an example of using IUTSYSIN to pass a command to the IDCAMS program.
Figure 2. JCL Example of Using **IUTSYSIN** with **IDCAMS**

```plaintext
//jobname JOB (,,time,lines),'your name',CLASS=class
/*ROUTE PRINT node.location
//PARMGEN EXEC PGM=IUTSYSIN,
//   PARM=' LISTCAT LEVEL(DATASET.INDEX)'
//SYSIN DD DSN=SYSIN,UNIT=VIO,
//   SPACE=(TRK,1),DISP=(NEW,PASS)
// EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=A
.
.
//SYSIN DD DISP=(OLD,DELETE),DSN=SYSIN
```

In the first step, the **IUTSYSIN** program will take the parameter field and write it to the data set defined in **SYSIN**. In the second step, the **SYSIN** data set is used as input for the **IDCAMS** program.

Using **UNIT=VIO** is effective here because the control fields do not need to be kept in a PDS to be read in but can be passed in the parameter field, which eliminates problems in maintaining a PDS.

**Questions**

Please call the EI&O Support Desk at (352) 392-2061, e-mail consult@lists.ufl.edu, if you have questions about, or problems using, **IUTSYSIN**.

**Your Comments are Welcome**

We welcome your comments and suggestions on this and all UFIT documentation. Please send your comments to:

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Gainesville Florida 32609-8942
(352) 392.2061
<editor@cns.ufl.edu>