

# Data Express 4.0

Data Generation Guide

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## Contents

Data Generation Guide	4
Who Should Read This Guide	4
Before Starting with Data Generation	4
Getting Started	4
Mode	4
Data Generation UI Guidelines	5
Starting the Data Generation Module	
Directive Types	
Distributed Exporter Utility	7
Executing Data Generation	7
Catalog Distributed Data	8
Catalog z/OS Data	8
Classify Data	8
Define Rules	8
Export Rules	10
Execute Rules	11
Data Generation Jobs	11

# **Data Generation Guide**

This guide outlines the concepts and procedures used by the Data Express Data Generation module, which uses user-specified selection criteria, rules, and data to create a new test environment from scratch.

You begin with an existing but empty test environment. Then, use the Data Generation module to:

- Create rules that derive a test environment from the client side
- · Populate job submissions derived from the client side
- Load tables via the Distributed Loader for distributed data stores, or via the external interface for z/OS data stores
- Define and associate selection classes

Use this process to generate a full test environment, or a partial test environment. A partial test environment typically includes the applications not present in production. In this case, the remainder of the test environment comes from production through Data Subset Extraction.

#### Who Should Read This Guide

This guide is for Micro Focus users who are interested in using a subset of data to populate empty tables independent of the content of a production environment. It explains the Data Generation configuration procedure, and describes the steps required to populate the files in your application.

Before using this product, we recommend that you carefully review the other Data Express documentation, including the *Front End Guide* and the *Data Subset Extraction Guide* in particular.

#### **Before Starting with Data Generation**

Before using the Data Generation module for Data Express bear in mind the following points:

- The Data Generation module is available for both Data Express for Distributed Systems and Data Express for z/OS. This requires that you have the correct license. See the *Installation Guide* for details.
- To use the Data Generation module, it is not necessary for you to analyze application or program source code.
- The Data Generation module manages all types of z/OS data stores processed by the Data Builder module except DL/I., in addition to all types of ODBC distributed data stores processed by the Data Builder module.

#### **Getting Started**

Provides an overview of the Data Generation module. We recommend that you start by reading this section before using the module.

#### Mode

Data Express provides two modes:

**Standard** Supports direct access to the data resident on RDBMS from your PC. **Mode** 

Client/Server Mode Supports access to the data resident on RDBMS through the Data Express kbde-Server, which is based on a three-tier architecture with the second tier handling data transfer optimization. This enables you to access data over the Internet with a minimal amount of administration and using efficient network capacity. In addition, Client/Server mode can use the same functions as Standard mode, but does not require any additional software such as the DB2 client or the Borland Database Engine (BDE).

Data Express for z/OS can be used in either Standard or Client/Server mode, whereas Data Express for Distributed Systems can be used in Standard mode only.

For Data Subset Extraction configuration information and instructions, see the Appendix A. Standard Mode and Appendix B. Client/Server Mode sections in the Front End Guide.

### **Data Generation UI Guidelines**

The following guidelines apply to windows and screen components of the Data Generation module:

- The main window, **Data Generation [Master Form]**, cannot be closed except when exiting the module.
- Multiple MDI windows may be open at the same time.
- To view a list of commands that apply to a specific item or area, right-click on the item or area.

### **Starting the Data Generation Module**

To start the Data Generation module:

1. Click Start > All Programs > Micro Focus Data Express 4.0 > Data Generation.

Note: If you are using Data Express on Windows Vista and User Access Control is enabled, you must run Data Generation as an Administrator.

2. Select the required database with which to launch the connection. By default, the highlighted item in the list of available databases is the last database you connected to using the Data Generation module.

0

Note: To connect to the database for first time, you need your user ID and password.

3. Select the required schema. The Data Generation - [Master Form] window appears:

	ls <u>V</u> iew <u>W</u> indow <u>H</u> elp				
00	0.				
ist of Co					
Code	Code description	Creator	MachinelD	Company	
COD01	Code for creation of new application	AlbertoA	AA2	AA2DIST	
TEST	Test code	AlbertoA	AA2	AA2B	
list of Lav	YS				
Code	Data store name				
20001	SRC.CONSTANT				
COD01	SRC.CUSTOMER				
COD01	SRC.DEPT				
COD01	SRC.EMPLOYEE				
COD01	SRCITEMS				
COD01	SRC.KBTCOADD				
	SHENDICOMPD				
	CDO VEROCOLI				
COD01	SRC.KBTCOCOM				
COD01 COD01	SRC.KBTCONAM				
COD01 COD01 COD01					
COD01 COD01 COD01 COD01 COD01	SRC.KBTCONAM				
COD01 COD01 COD01 COD01	SRC.KBTCONAM SRC.KBTCOSUR				
COD01 COD01 COD01 COD01 COD01 COD01	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS				
CODO1 CODO1 CODO1 CODO1 CODO1 CODO1	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS SRC.PART SRC.PARTSUPP				
COD01 COD01 COD01 COD01 COD01 COD01 COD01 COD01	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS SRC.PART SRC.PARTSUPP SRC.PRODUCTS				
COD01 COD01 COD01 COD01 COD01 COD01 COD01 COD01 COD01	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS SRC.PART SRC.PARTSUPP SRC.PRODUCTS SRC.QMT_STAFF				
20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.PADERS SRC.PARTSUPP SRC.PARTSUPP SRC.PRODUCTS SRC.QML_STAFF SRC.SUBPART				
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20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS SRC.PART SRC.PARTSUPP SRC.PRODUCTS SRC.QMT_STAFF SRC.SUBPART SRC.SUPPLER UTIL_AA2.CBL				
20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.PARTS SRC.PARTSUPP SRC.PADUCTS SRC.QMI_STAFF SRC.SUBPART SRC.SUBPART SRC.SUPPLER UTIL_AA2.CBL UTIL_AA2.CDB				
20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS SRC.PART SRC.PARTSUPP SRC.PRODUCTS SRC.QMT_STAFF SRC.SUBPART SRC.SUPPLER UTIL_AA2.CBL				
20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.PARTS SRC.PARTSUPP SRC.PADUCTS SRC.QMI_STAFF SRC.SUBPART SRC.SUBPART SRC.SUPPLER UTIL_AA2.CBL UTIL_AA2.CDB				
20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.PADERS SRC.PART SRC.PARTSUPP SRC.PARTSUPP SRC.RFNODUCTS SRC.SUBPART SRC.SUBPART SRC.SUBPART UTIL_AA2.COB UTIL_AA2.COB UTIL_AA2.QCBLSRC				
20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS SRC.PART SRC.PARTSUPP SRC.PRODUCTS SRC.GMT_STAFF SRC.SUBPART SRC.SUPPLIER UTIL_AA2.COB UTIL_AA2.COB UTIL_AA2.QBLSRC UTIL_AA2.VERSIONE				
CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 CODO1 TEST	SRC.KBTCONAM SRC.KBTCOSUR SRC.PADERS SRC.PART SRC.PARTSUPP SRC.PRODUCTS SRC.GML_STAFF SRC.SUBPART SRC.SUBPART UTIL_AA2.COL UTIL_AA2.COL UTIL_AA2.QCBLSRC UTIL_AA2.QCBLSRC UTIL_AA2.QCBLSRC UTIL_AA2.QCBLSRC UTIL_AA2.VERSIONE NRT400W.CUSTOMER				
CODO1 COD0 CODO1 C	SRC.KBTCONAM SRC.KBTCOSUR SRC.ORDERS SRC.PART SRC.PART SRC.PARTUPP SRC.SUPPUER SRC.SUPPLIER UTIL_AA2.COB UTIL_AA2.COB UTIL_AA2.QCBLSRC UTIL_AA2.QCBLSRC UTIL_AA2.VERSIONE NRT400W.CUSTOMER NRT400W.CCARD				
20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001 20001	SRC.KBTCONAM SRC.KBTCOSUR SRC.PADERS SRC.PART SRC.PARTSUPP SRC.PRODUCTS SRC.GML_STAFF SRC.SUBPART SRC.SUBPART UTIL_AA2.CBL UTIL_AA2.CBL UTIL_AA2.QBLSRC UTIL_AA2.QBLSRC UTIL_AA2.QBLSRC UTIL_AA2.QBLSRC UTIL_AA2.VERSIONE NRT400W.CUSTOMER				

#### Figure 1: Data Generation - [Master Form] Window

**Tip:** Once you are connected to a database, you can open and close a database from the **Data Generation - [Master Form]** window by clicking **File > Open** or **File > Close**.

#### **Directive Types**

The following directives, applied at column level, enable the generation of synthetic data according to their defined rules. If no directive is specified for a given column, the column is populated with the default value for column type; for example, zero for numeric columns:

Generation by dictionary	Column values are obtained from a dictionary. Data Express provides some pre- loaded dictionaries (for masking purposes), and allows you to add dictionaries as well. To generate using a dictionary, you specify the dictionary name in the directive properties.
Generation by domain value list	Column values are obtained from a user-defined list. For example, if your column is a CHAR(1) and you want to assign it the values M and F (as male and female) with probability distribution values to represent 60% M and 40% F, you can specify these values in the directive properties.
Generation by random value list	Columns are randomly assigned values in the column's domain of definition.

Generation by referential integrity (other file dependency) Column values are obtained from a list of values present in a column from another table. To ensure this, the parent and child column must be of the same class.

Note: This feature is similar to the "filter by filtered list" feature in Data Subset Extraction.

### **Distributed Exporter Utility**

The Distributed Exporter utility that creates and provides necessary information to the Extension Technology that enables the generation of a distributed data store.

This utility generates the following files after you have successfully exported from the Data Generation module:

method.rc	Coded content of source and target databases information.
method.txt	Information for the environment and the method in it which are about to be masked.
filter.txt	All created filters in the test environment.
elab.txt	Information about tables involved in Data Generation process.
Dir.txt	Information about the directives to be used
cbfld.txt	Information about combined fields used in the method.
CREATETABLE.sql	A list of the tables that need to be masked; a generic CREATE TABLE statement is provided for each table.
CREATEINDEX.sql	A list of all the indexes for the tables that need to be masked; a generic CREATE INDEX statement is provided for each index.
ALTERTABLE_RI.sql	A list of all the primary and foreign keys for the tables that need to be masked; a generic ALTER TABLE statement is provided for appropriate primary and foreign keys.

There are two areas of interest when it comes to using the Distributed Exporter with distributed data stores.

- If you use ODBC-enabled data stores, you can subset across all your data stores with one invocation of the ODBC Extension. This feature is not available with the Oracle Extension.
- You also have the ability to subset within one distributed data store, as long as a distinct target schema name is provided.

If you use the Distributed Exporter utility on one machine, and do your generation on another, make sure that the target ODBC DSN matches the ODBC DSN used for the actual data generation.

#### **Executing Data Generation**

Data Generation execution for distributed data stores is done from the command line using the dxestart command, which reads the configuration files exported by Distributed Exporter, and populates the target environment according to the laws and directives specified.

The dxestart executable resides in the C:\Program Files (x86)\Micro Focus\Data Express 4.0\Synthetic\ODBC directory by default.

For complete information about using the dxestart command, see *The dxestart Command* topic in your *Getting Started with Distributed Data Stores* documentation.

### **Catalog Distributed Data**

You catalog the target database in Data Express using the Distributed Loader feature of the Data Builder module. A detailed description of this feature is in the *Using Distributed Loader* section of your *Getting Started with Distributed Data Stores* documentation. Consider the following:

- When using Distributed Loader, the target database should be accessible via ODBC using the dxegenloadfile utility either from the machine where the Data Builder module is installed or from the machine where the distributed engine is installed. The dxegenloadfile utility is detailed in your *Getting Started with Distributed Data Stores* documentation.
- Distributed Loader allows you to specify an ODBC instance and schema, and presents a list of tables from which you select tables to load into the Data Express knowledge base.
- After confirming which tables to load, Distributed Loader launches an interactive process that writes the catalog and structure information for the selected tables to the knowledge base.

## Catalog z/OS Data

For details on the process of cataloging z/OS data in Data Express, see the *Getting Started with z/OS Data Stores* topics.

### **Classify Data**

The Data Generation module requires that you assign a class to each column that uses referential integrity directives. The process used to classify distributed and z/OS data stores is essentially the same. For specific instructions on assigning classes for distributed data stores, see the *Importing classes* section in your *Getting Started with Distributed Data Stores* documentation. For instructions on assigning classes for z/OS Data, see *Getting Started with z/OS Data Stores*.

**Note:** While you can assign classes to columns that are not used in Data Generation, it is not required.

### **Define Rules**

Use the Create Code wizard to define Data Generation rules for both distributed and z/OS data stores. The Create Code page of the wizard enables you to create, name, and describe a code set for a given machine and company:

Code Properties				
Machine ID:	AA2 💌	Company:	AA2DIST	•
Code name:	COD01			
Code description:	Code for creation of new application			
		Арр	ly Cano	cel Close

After applying the parameters specified on the Create Code page, you then progress to the Work With Directives page. On this page, you associate the code set with tables by adding a law set rule for each table. Each law rule definition includes a parameter that specifies the number of records used to populate the associated table.

Work	With Directives	
	Code: COD01 Number of records: 16	Data sotre name: SRC.CONSTANT
Code	Column Name	
COD01	0_N0	
COD01	C_N0	
COD01	E_NO	
1		
Re	fresh	OK

From this page, you can open each law rule, enabling you to specify directives when necessary. To do this, right-click a **Column Name**; then select **Set Directive**. This opens the Create a Directive for column page.

You can select the directive type, and assign a routine name to the directive type. Each directive type obtains column values differently as follows:

**Other file** These directives obtain all relevant information from the class assignment. The values for the new column are obtained from the column in the parent table that is associated with the same class.

Use this wizard to create a directive	Directive Type	
Set a directive type:	Routine name:	
	Trouble Halle.	
Set value properties:		
Set value properties: Set generated values and frequances		
Set generated values		

Create a Directive for column, Other file dependency

**Dictionary** These directives require that you specify the dictionary name. For further information on Data Express dictionaries, see the *Masking Routines* section in your *Getting Started with Distributed Data Stores* documentation.

Create a Directive for column, Dictionary

lse this wizard to create directive	Value Properties			
	Value type:	•	Value length: 0	14
iet a directive type:	Number of values:	0 🏂	Uniqueness 🕅	
et value properties:				
et generated values nd frequances				

Domain	These directives require that you specify the different values the column can have, and a
value list	frequency for each value.

**Important:** Columns with no directives associated receive the default value for the associated column type.

#### **Export Rules**

For distributed data stores only, you can use the Export wizard to export rules at the code set level. The wizard enables you to choose the machine, company, and code, and to specify the output directory. The output directory should be the folder that contains the configuration files.

Export		
Code: COD01	▼ Data Store: 📶	
Database Information		
Source database:		Edit Login
List of columns and enabled	directives:	
Column Name		
FNAME		
STREET		
CITY		
ST		
ZIP		
DEPT		
PAYRATE		
COM		
0_N0		
P_NO		
QUANTITY		
PRICE		
PRGADDR		
ADDRESS		
PRGCOMR		Ψ.
4		•
Output directory: C:\Program	Data\Micro Focus\Data Expr	ess 4.0\odbc\config 🚺
	E.	port Close

**Note:** The **List of columns and enabled directives** is on the Export page as a summary, and is not editable.

### **Execute Rules**

For distributed data stores only, you can execute Data Generation rules. However, to do this you must have a run-time knowledge base. A run-time knowledge base is tables in the same database instance that contains the target tables to be populated, or in a separate instance if you use a centralized run-time knowledge base. Details about run-time knowledge base creation, including a centralized run-time knowledge base, are described in the DBA Tasks for Extension Technology section of your *Getting Started with Distributed Platforms* documentation.

Once the run-time knowledge base is in place, the execution of rules is done by executing the dxestart command. See *The dxestart Command* topic in your *Getting Started with Distributed Platforms* documentation.

### **Data Generation Jobs**

For Data Express for z/OS only, the Work with Jobs area contains information about the function related to the execution of jobs for test environment generation and is part of the Data Builder module. Jobs are submitted using the Work with Jobs area of Data Builder.

For more information about the Work with Jobs area, see Work with Jobs in the Front End Guide.

#### **Introduction to Data Generation Jobs**

To access the Work with Jobs area:

- 1. Start Data Builder by clicking Start > All Programs > Micro Focus Data Express 4.0 > Data Builder.
- 2. Click (Work with Jobs) in the toolbar of the Data Builder main window.

#### **Job Creation**

This section describes the procedures for creating jobs relevant to data generation.

#### **Data Generation Jobs**

After all files have been allocated for extraction, launching the Data Generation job is the final step in creating the test environment.

To create a Data Generation job:

- 1. Create a new Data Generation job from the Work with Jobs area in the Data Builder module. See *Job Creation* in the *Front End Guide* for basic instructions. The **Secondary Options** window for the Data Generation job is displayed.
- 2. Specify the name of the Code from the corresponding drop-down list. If desired, specify the range of steps for which you want to launch the elaboration.
- 3. Click OK to submit the job.
- 4. Wait for the data generation phase to be completed.

#### **Create Allocation Jobs**

The Create Allocation job executes a process to create a JCL that will delete and allocate all the output for the data set associated with the data Generation according to a given code.

#### Job Creation

To create a Create Allocation job for Data Generation:

- 1. From the Work with Jobs window, click New.
- 2. In the List of Jobs section, select Create Allocation Jobs for Data Generation.
- 3. In the General section, select the appropriate Machine Id and Company name.
- 4. Click Apply to submit the job. The Secondary Options window appears:

Secondary Options	×
BDGALSR - Create allocation jobs for Data Generation	
Code:	▼
From Step: 0001	14
To Step: 9999	*
Max no. of data stores in JCL: 0010	1/4
Max cylinder no. for primary quantity:	14
Max cylinder no. for secondary quantity: 0	14
Maximum size for disk data sets:	14
Alternate name for unit:	
Primary quantity percentage: 100	14
Secondary quantity percentage: 010	14
JCL output data set:	
JCL output member for deletion:	Name, *NONE
JCL output member for allocation:	
🔽 Submit Job	
P Reset All	

5. In the Secondary Options window, select the required Code value, and specify values for the following fields:

From Step / To Step	Range of values for a subset of steps for the selected code.
Max no. of files in JCL	Maximum number of files you want process in a single JCL. If your code exceeds this limit, a new JCL is created for the other files. The default value of the parameter is 2000.
Max cylinder no. for primary quantity	Maximum number of cylinders that can be assigned to a primary quantity. The value of 0 indicates to use the default value of 4300 cylinders.
Maximum cylinder No. for secondary quantity	Maximum number of cylinders that can be assigned to a secondary quantity. The value of 0 indicates to use the default value of 4300 cylinders.
Maximum size for disk data sets	Maximum number of cylinders (not for the data set) to be allocated on an alternative unit. If the primary quantity exceeds this dimension, the data set will be allocated on an alternative unit.
Alternative name for unit	Name of the alternative unit where you want to allocate the data set that exceeded the <b>Maximum size for disk data sets</b> value.
Primary quantity percentage	Percentage of cylinder you want to assign at the primary quantity in regard to the total dimension of output data set. The default value is 10%.

Secondary quantity percentage	Percentage of cylinder you want to assign at the secondary quantity in regard to the total dimension of primary quantity. The default value is 15%.
JCL output data set	Library where the generated JCLs will be stored.
JCL output member for deletion	First part of the name of the generated JCLs (the second part will be a 3- digit progressive number starting from 001).
JCL output member for allocation	First part of the name of the generated JCLs (the second part will be a 3- digit progressive number starting from 001).
Submit Job	Indicator of whether to submit the newly created JCLs.

#### JCL Information

The JCLs are built starting from the CBDGALS1 and CBDGALS2 skeletons, which can be customized.

The structure of the skeletons comprises a starting part and an ending part that are repeated once in the created JCLs, and a central part that is delimited by the following keywords:

/	//* SINGLE FILE ELABORATION and
/	//* SINGLE FILE END ELABORATION, that is repeated for each file.

In the skeleton, some variables are used and are then changed into the JCL values using the values stored in the Knowledge Base or included in the launch parameters.

Variable	Description
&TYPE	Name of the sequential data set (output of extraction process)
&PCYL	Primary quantity
&LRECL	Record length
&UNIT	SYSDA or the value put in the launch screen, depending on the above-described rules
&CYL	TRK if the space is less than a cylinder, or CYL otherwise
&SCYL	Secondary quantity
&JOBN	It is actualized with the JCL name

The following table describes the used variables:

#### **Create Reload Jobs**

This function allows you to create a JCL to reload all DB2 tables with direct access included in a code.

#### Job Creation

To create a Create Reload job:

- 1. From the Work with Jobs window, click New.
- 2. In the List of Jobs section, select Create Reload Jobs for Data Generation.
- 3. In the General section, select the appropriate Machine ID and Company name.
- 4. Click Apply to submit the job. The Secondary Options window appears.

Secondary Options				
BDGLODR - Create reload jobs for Data Generation				
Code:	•	]		
From Step:	0001			
To Step:	3999 🍾			
Max no. of Data Stores in JCL:	0010			
🔽 Replace Data				
🔽 Create Syspunch				
🔽 Create Reload				
Target DB2 Owner: *N	DNE			
Target DSN: *N	DNE			
JCL output data set:				
JCL output member for reload:				
JCL output member for repair:		Name, *NONE		
🔽 Submit Job				
	Beset All	Ø OK ∑Cancel		

5. In the Secondary Options window, select the required Code value, and specify values for the following fields:

From Stor / To Stor	Dense of velocities for a subject of store for the colority dised.
From Step / To Step	Range of values for a subset of steps for the selected code.
Max no. Data Stores in JCL	Maximum number of data stores you want process in a single JCL. If your method exceeds this limit, the function creates a new JCL for the other files. The default value is 2000.
Replace Data	Indicator of whether data replacement in the target database is enabled. If not selected, data items are added without deletion.
Create Syspunch	Indicator of whether to create the part of the JCL performing the SYSPUNCH.
Create Reload	Indicator of whether to create the part of the JCL performing the reload.
Target DB2 Owner	Name of the target DB2 owner. If this parameter is not specified, this value is the same as cataloged in Data Express.
Target DSN	Name of the target database subsystem. If this parameter is not specified, this value is the same as cataloged in Data Express.
JCL output data set	Library where the generated JCLs will be stored.
JCL output member for reload	Name of the generated JCLs used for reload.
JCL output member for repair	Name of the generated JCLs used for repair.
Submit Job	Indicator of whether to submit the newly created JCLs.

#### JCL Information

The JCLs are built starting from CBDGLOD1 and CBDGLOD2 skeletons, which can be customized. The CBDUNLD2 skeleton is an alternative skeleton where the UNLOAD utility is used instead of the DSNTIAUL utility in order to create SYSPUNCHs.

The structure of the skeleton comprises a starting and ending part that are repeated once in the created JCLs, and a central part that is delimited by the following keywords:

//\* SINGLE FILE ELABORATION and

//\* SINGLE FILE END ELABORATION, that is repeated for each file.

In the skeleton some variables are used, and they are changed into the JCL values using the values stored in the Knowledge Base or included in the launch parameters.

Variable	Description
&NUM	Numeric progressive
&UNLOUTNAM	Name of the sequential data set (output of extraction process)
&OWNAME	Owner of the original table
&FILNAME	Name of the original table
&DBNAME	Database name of the original table
&TSNAME	Tablespace name of the original table
&UNLINPNAM	Name of the unload as specified in the Work with files area
&STEP	Step name for the SYSPUNCH generation (automatically generated)
&STP1	Step name for the MISYSPUN program call (automatically generated)
&STP2	Name of the reload step (automatically generated)
&SYSPARM	It can be ADD,YES, number of sortkeys
	if no replace parameter, REP,YES,
	number of sortkeys
	if replace parameter
&DSNNAME	Name of the input DSN
&METHOD	Name of the code
&JOBN	Name of the job actualized with the JCL name

The following table describes the used variables:

