



## ND 10379 UNIQUE

### INTRODUCTION

UNIQUE is a new concept for the development of applications within administrative data processing.

UNIQUE is a general multi-user program, an interactive data manipulator and an experimental system development tool (a prototype system). It employs its own screen handler and the data base system SIBAS-II.

Traditional programming has been replaced by a system where the desired solution is described. This description is made by designing the screen picture the user wants to see and subsequently defining the functions/relations that the fields (data) have to each other and to the data base.

Large, complicated pictures are often difficult to complete, especially if the registered material is not in accord with the picture. A powerful tool takes care of this problem.

UNIQUE is NOT a program generator; it is a PROGRAM. This provides for giving the user the same procedures for all applications that will be developed. The fact that it is ONE program also leads to the almost total elimination of maintenance costs.

UNIQUE opens for the participation of the end user, and solutions are possible much quicker than by traditional means of system development. For a dynamic organization with changing demands, it is an indispensable tool for a stepwise introduction and a continuing development.

UNIQUE may be run on NORD-10, and on machines in the ND-100 and ND-500 series under SINTRAN-III VS, VSE and VSE/500.

## FEATURES

- Easy to use.
- A designing tool.
- The user participates both in the design and the application phase.
- Dynamic.
- Maintenance costs disappear.
- Models are quick to define.
- Programming effectivity radically improved.
- Based on a standard data base system – SIBAS-II.
- Improvements which are introduced in SIBAS, will also benefit UNIQUE.

## PRODUCT DESCRIPTION

UNIQUE is a PROGRAM, not a program *generator*, as are most comparable systems.

The system is an ideal tool for users who work interactively against a data base.

A simple application of UNIQUE is described below:

### START-FORM

A CUSTOMER-REGISTER

Customer: Name: AAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

### CONDITIONS

Transport: AAAAAAAAAAAAAAAAAAAAAA  
 Payment: AAAAAAAAAAAAAAAAAAAAAA  
 Date of del.: AAAAAAAAAAAAAAAAAAAAAA

### END-FORM

DATA-BASE-NAME=ADMBASE  
 SIBAS-DEVICE=1

### START-FIELDS

ITEM=CUSTOMER REALM=CUSTOMER FUNC=MAINKEY  
 ITEM=NAME REALM=CUSTOMER FUNC=MODIFY  
 ITEM= » REALM=CUSTOMER FUNC=MODIFY  
 ITEM= » REALM=CUSTOMER FUNC=MODIFY  
 ITEM= » REALM=CUSTOMER FUNC=MODIFY  
 ITEM= » REALM=CUSTOMER FUNC=MODIFY  
 FUNC=KEY

ITEM=TRANSPORT REALM=CUSTOMER FUNC=MODIFY  
 ITEM=PAYMENT REALM=CUSTOMER FUNC=MODIFY  
 ITEM=DATE REALM=CUSTOMER FUNC=MODIFY

### END-FIELDS

This is a simple example which describes a register containing information about the data elements customer number and name.

First a description is made of the picture (by the help of an editor). Then there is information about the data base name and the program. Finally comes the «program» itself; the description of data elements which are part of the application. Each element is described using simple words for functions.

The names that follow ITEM= and REALM= must be identical to corresponding item and realm names in SIBAS. Key fields which are described by FUNC=MAINKEY or FUNC=KEY must in the same way be defined as INDEX-KEY (key) in the data base.

The above application will do the following:

After a customer number has been submitted, the function MAINKEY will get the record with the indicated number and show it on the screen. If it is not found, all the fields in the picture will be blanked, and a new record will be made if the registration continues.

With SIBAS data base and a screen picture as above, this application will provide the following possibilities:

### Maintenance:

- Registration of new customers.
- Change of status of existing customers.
- Deletion of existing customers.

### Query:

- Direct search for customers via their customer number or name (may also be done via abbreviated names).
- By the way of simple commands in UNIQUE a user may move through the entire list of customers (F/N/P/L – first/next/previous/last).

### Printout:

- Direct printout of the screen picture on printer.
- Sorted printout of the whole or parts of the list of customers.

## PREREQUISITES

NORD-10 or a computer from the ND-100 or the ND-500 series.  
 SIBAS-II database.  
 An editor.

## DOCUMENTATION

UNIQUE User's Manual ..... ND-60.167



Olav Helseth vei 5  
 Boks 25 Bogerud  
 Oslo 6  
 Tel.: 02-295400  
 Tlx.: 18284 nd n  
 Telefax: 02-295617

Oslo, tel. 02-309030, tlx. 18661 nd n  
 Bergen, tel. 05-220290  
 Sandnes, tel. 04-665544  
 Tromsø, tel. 083-71766  
 Stockholm, tel. 0760-92000, tlx. 15255 nordata s  
 Gothenburg, tel. 031-496760  
 Malmö, tel. 040-70510  
 Copenhagen, tel. 02-425055, tlx. 37725 nd dk  
 Wiesbaden, tel. 06121-7641, tlx. 4186370 noda n  
 Ferny-Voltaire, tel. 050-408576, tlx. 385653 nordata ferny  
 Paris, tel. 1-6023366, tlx. 201108 nd paris  
 Lyon, tel. 7-837 4177, 7-837 5951  
 Newbury, tel. 0635-31465, tlx. 849819 norskd g  
 Utrecht, tel. 03408-86734  
 Boston, tel. (617) 237-7945, tlx. 921740 norsk well



Jerikoveien 20  
 Boks 4 Lindeberg gård  
 Oslo 10  
 Tel.: 02-309030  
 Tlx.: 18661 nd n  
 Telefax: 02-309247

Trondheim, tel. 075-16520, tlx. 55580 comtc n  
 Stockholm, tel. 0760-84100, tlx. 15255 nordata s  
 Odense, tel. 09-157440, tlx. 59680 comtec dk  
 Düsseldorf, tel. 0211-666388, tlx. 8587277 comt d

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