

ODBC / ROCKET (BS2000 / OSD) V3.7
FOR LEASY / ISAM

DATE : MAY 2002

RELEASE NOTES

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1 General

ODBC/ROCKET (BS2000/OSD) V3.7 performs transparent data access from PC-systems to BS2000/OSD Database Management-systems. With ODBC-Rocket currently is access to SESAM-databases, UDS-databases and LEASY- and ISAM-files. Data access uses the ODBC-Interface on the PC-side. The demo version as delivered with LEASY V6.X supports access to LEASY-files only. The advantage for the developer using ODBC is knowledge requirement of the ODBC-Interface only being as most as possible independent of the host-system and the databases supported.

ODBC/ROCKET is delivered as a Client-Server package. The client software is the so called ODBC-driver running on a PC-System. The server is a UTM-Application installed and running on the BS2000-Host, interacting with the respective database system.

1.1 New Features

An application may use synonym names for the columns of a select list as defined by the SQL-standard.

The search efficiency was improved so that ODBC/ROCKET 3.7 runs in general faster than it's predecessor V3.1. Furthermore Leasy secondary keys are fully supported in version 3.7.

This release note contains in a compound way the essential enhancements, dependencies and work-indications for ODBC/ROCKET V3.7 running with the operating system BS2000/OSD.

The contents of this release note correspond to the release status reached in May 2002.

This release note is also delivered as a file (with upper and lower case letters).

This file will be updated in case of later alterations.

A printing of the file (English version) can be done by the command

```
/PRINT-FILE FILE-NAME=SYSFGM.ODBC-DEMO-LEA.037.E, -  
/          CONTROL-CHARACTERS=EBCDIC (CONTROL-CHAR-POS=STD)
```

1.2 Product order

ODBC/ROCKET V3.1 can only be ordered from the company gfs.

Adress:

gfs Gesellschaft fuer Informationssysteme mbH & Co KG
Alsterterrasse 2

(*) BS2000, BS2000/OSD, UDS, SESAM and LEASY are registered trademarks of Fujitsu SIEMENS Computer GmbH

2 Technical indications

2.1 Resource requirements

BS2000:

The product installation needs about 4 MB disc space.

Main memory requirement consists of:

Base requirement: 1,5 MB

+ dynamically allocated memory depending on the program-use.

The UTM-program needs according to the KDCDEF-generation additional discspace. This amounts to a minimum of 1,5 MB additionally.

PC with WINDOWS-NT:

The ODBC-driver installation needs about 1,5 MB disc space.

The installation presumes an ODBC-Drivermanager. The ODBC-driver manager is e.g. part of the service-packs for WINDOWS NT 4.0.

2.2 SW-Configuration

The following software environment is required for the use of ODBC/ROCKET (BS2000/OSD) V3.7:

(FSC-conditions)

HOST:

Operating System BS2000/OSD	V1.0 or higher
LEASY	V5.1 or higher
CRTE-Runtime systems	V2.0 or higher
openUTM	V3.3 or higher (V4.0 or higher)
LMS	V1.4 or higher (V2.0 or higher)
BINDER	V1.2 or higher
DCAM	V11 or higher
ASSEMBH	(V1.2 or higher)

PC:

WINDOWS NT	V 4.0 with min. Service Pack 3
WINDOWS 2000	
WIN95 / WIN98	

2.3 Product installation

The Standard-Installation is done by SOLIS. Afterwards make the following installation steps:

1. The library

SYSLNK.ODBC-DEMO-LEA.037

should be copied from the installation directory to the respective user account where the ODBC/ROCKET-UTM-Server is intended to run.

Afterwards follow the installation and configuration steps as described in the manual.

2. The file

SYSDAT.ODBC-DEMO-LEA.037.EXE

should be transferred (via ftp) to a PC. You then have to start this SFX-program. Choose an empty target-directory and click at the UNZIP - button.

There will be three files extracted:

1. client.exe SFX-program for the ODBC-driver-setup-disk
2. admin.exe SFX-program for the view administrator-setup-disk
3. leaodbc.doc the handbook (readable with WINWORD >=V6.0)

You have to copy the files client.exe and admin.exe in an empty directory.

Then start the SFX-programs in their directories and choose an empty target-diretory and click at the UNZIP - button.

The setup-files for the driver and the view-administrator will be extracted.

By calling SETUP.EXE in the client-directory the ODBC-Driver will be installed. By calling SETUP.EXE in the admin-directory the view-administrator will be installed.

Follow the configuration steps as described in the manual (Client configuration) by means of the Microsoft-ODBC-Administration program which is part of the ODBC-driver manager package and normally found in the system-configuration window under Windows NT.

Observe that for all ODBC-users the ODBC-driver must be installed. Before the driver could be used an administrator has to define LEASY/ISAM views to define the virtual SQL-tables of the LEASY-files by means of the view-administrator-program (i.e. admin.exe). This program presupposes an installed ODBC-driver and transfers the definitions to the PC-Server where definitions are stored in ISAM-files. The manual should be carefully read for the administration and definition of LEASY-views.



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