VLEX ON DELTA/V OPERATING SYSTEM

RELEASE NOTES V1.2

Vitrage Software

Iskra Delta

Part #: 80 343 044

Iskra Delta

1 DIFFERENCES BETWEEN DOCUMENTATION AND PRODUCTS

1.1 Symbol Assignes Before Stating VLEX

For proper use of VLEX, there must have been an assigment done before starting the VLEX. A symbol "LEX_SYSTEM" must be defined on the directory, where it was defined by the distribution procedure. Example:

```
$ ASSIGN/SYSTEM SYS$SYSROOT:[VITLEX] LEX_SYSTEM
```

or

```
$ ASSIGN/GROUP DRB1:[LEXIC] LEX_SYSTEM
```

If the logical name is defined in the system logical name table, all users on the system can access the VLEX.

If the logical name is defined in the group logical name table, only users of that group UIC can access the VLEX.

1.2 Starting The VLEX

Before working with VLEX, the VLEX server must be activ.   Server (sys$system:srvlex) is started with the command:

```
$ LXC/START
```

If LEX_SYSTEM logical name is defined in the system logical table, the command is:

```
$ LXC/START=S
```

After proper activation of the server, a logical name "LEX_MAIL" is created in the same logical name table as LEX_SYSTEM is defined. VLEX can now be started directly as

```
$ LEKS
```

or thru "VITRAGE" procedure, as it is described in figure 1-2 of the VLEX menue (page 1-7).

It is recommended also to stop the Server after all operations are completed:

$ LXC/STOP

If LEX_SYSTEM logical name is defined in the system logical table, the command is:

$ LXC/STOP=S

Logical name "LEX_MAIL" than disappears from the logical table names.

2 VLEX FORMAT/REFORMAT UTILITY

The Vlex format/reformat utility is the standard format utility of the VBASE. See Vbase manual for detail instructions about proper work. This utility is called via:

$ RUN SYS$SYSTEM:LXF

but only from the system user!

After formating the VLEX, the VLEX need to be filled with the data from the "LEX_SYSTEM:OSNOVNI.LEX" file:

$ LXB/REC LEX_SYSTEM:OSNOVNI.LEX

or filled with the data from the previous backup file. LEX is ready for the start and operations.
(See next chapter for details about Back-up utility).

3 VLEX BACKUP UTILITY

The VLex Backup utilities allows users to creat back-up copies of VLex and restore data from back-up copies.

<div align="center">NOTE</div>

Server must be stopped before operating with Backup utilities!

The VLex Backup Utility can perform the following operations:

1. Save data from VLex in a sequential file.

2. Restore Vlex from sequential copy of Vlex.

The format for the VLex Backup command is :

Operation	Foramt
Save	LXB/BACKUP save-file-spec
Restore	LXB/RECOVER file-spec

3.1   Examples Of VLex Backup Operations

The following sections contain examples that illustrate typical commnads used to save and restore the VLex.

3.1.1   Saving Vlex -

To create a back-up file of the VLex, type :

        LXB/BACKUP

All data of VLex will be saved in a save file named LEXBAC.LEX on the current default directory.

To create a back-up file named LEXSAV.LEX on the directory [BACDIR], type :

        LXB/BACKUP [BACDIR]LEXSAV.LEX

This command directs VLex Backup to save the VLex into the save file named LEXSAV.LEX on the directory [BACDIR].

If you specify a qualifier INIT, the VLex Backup save only instructions of Vlex entities and realtionships.

To create a backu-up of VLex instructions , type:

        LXB/BACKUP/INIT [BACDIR]LEXINST.LEX

3.1.2   Restoring Vlex -

You can restore Vlex from a back-up file.   Before use restore command you must reformating the VLex (see note VLex Format/Reformat Utility).

To restore the VLex from default back-up file LEXBAC.LEX, type :

LXB/RECOVER

All data of the VLex back-up file named LEXBAC.LEX will be moved into VLex.

If you specify a name of the back-up file, the VLex Backup Utility restore Vlex form this file

BACKUP/RECOVER [BACDIR]LEXSAV.LEX

Data will moved from LEXSAV.LEX file on the [BACDIR] into VLEX.

4   DIFFERENCES BETWEEN VLEX VERSION 1.1 AND 1.2

This chapter describes differences between VLex version V1.1 and V1.2 . The following changes are new with this release.

4.1   Two New Utilities Are Included Into VLex Distribution.

The first utility LXIZEN create a output list of VLex entities and relationships instructions.
LXIZEN is a DCL foreign command :

LXIZEN:== SYSSYSTEM:LXIZEN

With command LXIZEN and parameter HELP you can see detail desription of Format and Parameters for this utility.

The second utility LXDSCOO allowes to change a descriptions of VLex date base. You can change a number of physical records for entities/relationshpis instructions and for entities/relationships occurences.

You can start this utility with DCL RUN comand :

$ RUN SYS$SYSTEM:LXDSCO

This utility is used when the VLex data base is full. Input to this utility is data base descriptor file LEX_SYSTEM:LEKSIK100.EXE. Answering Y (yes) program o builds the new VLex data base descriptor.   That means utility creates the new version of LEX_SYSTEM:LEKSIK100.EXE file.

Procedure for correction Vlex data base :

1. Stop VLex with LXC command

2. Copy contents of Vlex into sequential file with LXB/BACKUP utility

3. Correct description of Vlex data base with LXDSCO utility

4. Format Vlex data base with LXF utility

5. Copy from backup copy of VLex into VLex with LXB/RECOVER utility

4.2 New And Changed Features

1. An Attribute Parameter Entry HELP (PF3 key) window is changed. The maximum numer of allowed pages is now 100 (before 5).

2. An Attribute Parameter Entry HELP (PF3 key) window is implemented. It is used when the attribute value must be the key of the occurence of any of the VLex entities.

3. The system(IDA VBASE and IDA VFORM) entities are protected. With VLex menue utility you can not add, change and delete the system entities or relationships, nor occurences of them.

4. Ensures correct diagnostic when VLex start failed : Errors on VLex data base and errors on start VLex kernel program are separated.

5. Add a new entity occurence : If you press <RETURN> on the number of the positon where you want to add occurence , you place occurence to the end of entity occureces list(before : to the end of current page). <RETURN>

6. On the first screen, another choice – Version is added. It displays date and time of linking the VLex components.

7. On all screens the command line and last selected function remains on the screen. You can continue adding or deleting the occurences.

8. On some screens video atributtes are changed (bolded write is enabled).