

BREXX/370 V2R5M2 Software and Migration Notices

Document Version 5.2 created on 21. February 2023

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Content

This document covers the amendments and changes in the new version of BREXX/370 V2R5M1. For changed functionality, it contains the migration instruction to upgrade from the previous release(s). The installation process is separately described in the **BREXX/370 Installation** document. New features or functions are described in detail in:

BREXX370_Array functions_V2R5M2.pdf or a separately mentioned document.

All documents are contained in the installation zip file

Upgrade from a previous BREXX/370 Version

Before upgrading to BREXX/370 V2R5M2 back up your system. The easiest way is to create a copy of your TK4- directory containing all of your settings and the DASD volumes. In the case of errors or unwanted behaviour, you can quickly recover to the backup version.

I. Important Changes

1.1. RAKF restrictions lifted

We have removed the rigid RAKF checking during the BREXX startup, which caused unnecessary ABENDS for non-authorized users (e.g. HERC03, HERC04).

Some of the BREXX functions which require access to system resources (SVC244, DIAGCMD) are no longer available to non-authorized users, they will be reported as unknown functions.

1.2. Matrix and Integer Arrays

Added are mathematical Matrix functions, integer and source arrays. Both allow high-performance access, large-sized matrices, integer and source arrays outside the standard stem notation. For details look into the **BREXX370 Array functions_V2R5M2.pdf**. These implementations are outside the REXX standard!

1.3. BREXX.V2R5M2.CMDLIB

The content of the CMDLIB library has been changed to plain CLISTS. All REXX samples have been moved to BREXX.V2R5M2.SAMPLES.

The format of the library has been changed to RECFM=FB, LRECL=80.

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Using the CLISTs as plain commands, you need to allocate BREXX.V2R5M2.CMDLIB in the appropriate TSO start clist or copy them into an allocated library. In TK4 it can be achieved by adding into SYS1.CMDPROC(**USRLOGON**) the following section:

```
FREE FILE(SYSPROC)

ALLOC FILE(SYSPROC) +
  DSN('&SYSUID..CMDPROC','SYS1.CMDPROC','SYS2.CMDPROC', -
    'SYS2.REVIEW.CLIB','BREXX.V2R5M2.CMDLIB') SHR
```

II. Future Releases

1. Software

This will be the last version released conventionally. After re-structuring BREXX we will make it available via GitHub. This will allow greater flexibility in release availability.

2. Documentation

Documentation will be converted from Word documents (provided as PDF) into text files containing a Markdown syntax. This allows greater flexibility.