

RXSBATCH V1.5

The REXX procedure RXSBATCH has been created to run z/OS UNIX commands similar to RXBATCH. It does not use BPXBATCH but shell programs explicitly. It should provide all the functions of RXBATCH and more:

- You can use DD name STDIN for STDIN data as desired and can write the data like a UNIX shell script.
- You can work with DD names in UNIX commands as it is assured that you stay in the same ASID.
- You can code your UNIX STDIN data using your preferred code page. This makes it easy to write the commands and they are much better readable.
- You can use the back slash ("\") if you need to continue the command on a next line. This works even if you are using record format FB for your JCL library.
- The combination of several advantages mentioned above allows to use MVS data sets or members, created in your code page as scripts for usage as STDIN data.
- You can switch to other sub shells or interactive command processors, like using "su", "su -s" or the interactive "rexx".
- All the added functions of RXBATCH are supported as well. Especially final error messages are written to the job message log. Also the first ten cases of truncated STDOUT lines are mentioned there.
- Unlike standard BPXBATCH, for example, utility RXSBATCH still works fine when the user's home directory does not exist. BPXBATCH shows message **FSUM1004 Cannot change to directory </home_dir>.** and ends.

New function in RXSBATCH V1.1

- A problem has been corrected with the current working directory if the home directory does not exist.

New functions in RXSBATCH V1.2

- If establishing the SYSCALL environment fails the error code is provided with the message shown.
- The names of temporary files used are made better unique to avoid using the same name twice in high parallel processing environments.
- It is allowed to set a fixed error return code instead of using the final z/OS UNIX return code. The UNIX error code is then shown at the end of the z/OS UNIX output data or within the job message log.

New functions in RXSBATCH V1.3

- Support for using explicit STDERR ddname has been added.
- Support for using "bash" has been added.

New functions in RXSBATCH V1.4

- A small typo, found by Manfred Lotz during testing, has been corrected.

New functions in RXSBATCH V1.5

- You can use environment variable TMPDIR to provide a directory that is used for temporary files by z/OS UNIX instead of the default "/tmp". Placing this setting to STDENV in a batch job using RXSBATCH allows to use this temporary files directory for RXSBATCH itself as well as for the z/OS UNIX environment.

Functions of RXSBATCH over RXBATCH

- It supports the standard shell (/bin/sh), the C shell and the "bash".
- It supports output conversion from the standard UNIX EBCDIC code page to the input or another code page.


```
//STDOUT      DD PATH='/u/hering/rxsbatch.stdout',
//             PATHOPTS=(OWRONLY,OTRUNC,OCREAT),
//             PATHMODE=(SIRUSR,SIWUSR)
```