



EDI Integrator Release 5.9

Technical
Memo

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Remove Control Characters (RMVCTLCHR) command

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A new command, **Remove Control Characters** (RMVCTLCHR), inspects and removes unwanted carriage returns, line feeds or a combination of both from a data stream file. This command can be generated interactively or via batch when either importing data into or exporting data out of EXTOL EDI Integrator.

A more detailed explanation of the command and its parameters follows:

Remove Control Characters (RMVCTLCHR) command

The **RMVCTLCHR** command strips undesired control characters from OS/400 IFS files when importing or exporting data. The control characters that can be removed from a stream file are the carriage return and line feed. The command looks for the hexadecimal value of "0D" for carriage return and "0A" or "25" for line feed. Not only can the command remove the individual values, it can also remove the combination of carriage return/line feed as represented by the hexadecimal values of "0D0A" or "0D25".

If control characters selected for removal are not found in the file, then no changes will be made to the stream file data.

The command does not allow mixing the removal of combination and single control characters such as 0D0A and 0A. If this type of removal is required, then the command must be executed twice, once for the 0D0A and again for the 0A only. However, it does allow removing 0D0A and 0D25 at the same time, or 0D, 0A, and 25 at the same time.

The data stream file can be in either EBCDIC or ASCII format. The file is first moved to the selected working directory and renamed to `temp999999.tmp`, where 999999 is the OS/400 job number executing the **RMVCTLCHR** command. Data is then interrogated and put back to the original file name. If any errors occur during this process, the temp file will remain intact, and any further attempts to execute the **RMVCTLCHR** command from that job will end in error.

```
Remove control characters (RMVCTLCHR)

Type choices, press Enter.

Stream file . . . . . _____

Work directory for temp file . . _____

Remove *LF control char 0A . . . *NO_      *NO, *YES
Remove *CR control char 0D . . . *NO_      *NO, *YES
Remove *LF control char 25 . . . *NO_      *NO, *YES
Remove *CRLF control char 0D0A   *NO_      *NO, *YES
Remove *CRLF control char 0D25   *NO_      *NO, *YES
```

Stream file

The path and name of the stream file containing the data to be stripped of control characters.

Work directory for temp file

The name of the directory used for the temporary work file.

Remove *LF control char 0A

Select this option to remove the line feed character identified as hexadecimal value 0A.

Possible values:

- *NO - Specifies that the line feed character is not to be removed.
- *YES - Specifies that the line feed character is to be removed.

Remove *CR control char 0D

Select this option to remove the carriage return character identified as hexadecimal value 0D.

Possible values:

- *NO - Specifies that the carriage return character is not to be removed.
- *YES - Specifies that the carriage return character is to be removed.

Remove *LF control char 25

Select this option to remove the line feed character identified as hexadecimal value 25.

Possible values:

- *NO - Specifies that the line feed character is not to be removed.
- *YES - Specifies that the line feed character is to be removed.

Remove *CRLF control char 0D0A

Select this option to remove the carriage return/line feed string identified as hexadecimal value 0D0A.

Possible values:

- *NO - Specifies that the carriage return/line feed character string is not to be removed.
- *YES - Specifies that the carriage return/line feed character string is to be removed.

Remove *CRLF control char 0D25

Select this option to remove the carriage return/line feed string identified as hexadecimal value 0D25.

Possible values:

- *NO - Specifies that the carriage return/line feed character string is not to be removed.
- *YES - Specifies that the carriage return/line feed character string is to be removed.