



Spool Splitter Pro

User Guide

Usually our applications generate a huge in size reports and for some reasons we can need to split in a number of reports with a minor size than the original report.

Reporting Software
i5/iSeries/AS400

Spool Splitter Pro is a low cost tool for doing this function: the splitting of iSeries/AS400 spooled files.

Software allows too the possibility to work integrated with Spool Converter Pro, for getting the split reports in other formats as PDF, HTML, TXT, CSV, XML and Excel.

Spool Splitter as independent tool

Spool Splitter Pro can works as a stand-alone tool or integrated with Spool Converter Pro.

As stand-alone tool only allows splitting of spooled files giving as result other spooled files. This is the functionality offered with the low cost license.

Using functionality of Spool Converter Pro, allows to convert the split files in other formats: PDF, HTML, TXT, CSV, XML and Excel (XML for Excel 2003).

This functionality is available only when you have a Spool Converter Pro license.

Brief description of the tool

Spool Splitter Pro allows the splitting of spooled files by definition of group of pages, or depending on the content: by locating a text, or by definition of a variable field doing that the spooled file will be split when changes its value.

For example, we can have a spooled file with pages of different customers, being variable the number of the pages for each customer. At this case, locating a text in the report, or defining a variable field that identifies the splitting condition (for example, the customer code), we can obtain a different spooled file for each customer.

All of this, with the possibility to integrate with Spool Converter Pro, allows important advantages in the management and conversion of the spooled files.

Download and Software Installation

Spool Splitter Pro is included in the same package that Spool Converter Pro, so installing this software Spool Splitter Pro will be available.

Alter first month, the software expires, being necessary to purchase a license.

How to Use Spool Splitter Pro

We can access to the tool with SPLSPLIT command available in SPLFACTORY library.

For identifying the spooled file to process, it is required some information similar to system command CPYSPLF.

In addition, you can specify some parameters:

From Page

Identify the initial page to process in the report. By default, value is *FIRST

To Page

Identify the end page to process in the report. By default, values is *LAST

Pages of Each Split File

Define the number of pages that will have each split file

There are two special values:

- *LOC: it specifies a condition by localization of a string text in a position of a line of the report. When the text is located, the report is split
- *VAR: it specifies a variable field of a length (given by the user) located in a position of a line of the report. When the splitter detects that the value of this variable has changed, then the report is split

Localize Text for Splitting

It specifies the text to localize if has been specified the option *LOC

Localize at pos

It specifies the position (column) where begins the text

Localize in Line of Page

It specifies the line in the page where is located the text to localize. Due to hidden control characters, the number of the line could not correspond with the exact line where the line is located when we display the report.

For a correct identification of the line, use the command DSPSPLF.

You have to see the lined as the first line showed at the screen.

At top right you will see the page number and the line number.

The value of this line number is the value that we need.

Variable Length

It specifies the length of the variable field to process when has been specified the special value *VAR

Variable Initial Position

It specifies the position (column) where begins the variable field

Var. Located in Line Page

It specifies the line in the page where is located the variable to process. Due to hidden control characters, the number of the line could not correspond with the exact line where the line is located when we display the report.

For a correct identification of the line, use the command DSPSPLF.

You have to see the line as the first line showed at the screen.

At top right you will see the page number and the line number.

The value of this line number is the value that we need.

Output

Specifies how we want to generate the output. Possible values are:

- *SPL: Spooled files will be generated. It is the default option
- *FTM: Allows integration with software Spool Converter Pro, for choosing one of the available formats:
 - PDF, HTML, TXT, CSV, XML and Excel (XML for Excel 2003)
 - If you choose this option, the needed parameters for format conversion will be required.
 - If you need more information, you can see documentation of Spool Converter Pro, from SpoolFactory.

Format

If for Output parameter we specify the value *FMT, we will can choose one of the next formats obtained as result of the splitting of the spooled file:

- *PDF: For getting the split reports in PDF format (by default)
- *HTML: For getting the split reports in HTML format
- *TXT: For getting the split reports in TXT format
- *CSV: For getting the split reports in CSV format
- *XML: For getting the split reports in XML format
- *EXC: For getting the split reports in Excel format

The Format parameter and the rest of the parameters are used by Spool Converter Pro commands, and their purpose is the integration with Spool Converter Pro, so they have not to be used when it is licensed Spool Splitter Pro as a stand-alone tool.

The exception is the parameter to call to an user program. Although it has been thought for generation of other formats (for example, PDF), this option is available too when the output are spooled files. The user program receives some parameters to identify the spooled file and (if proceed) the converted file (for example, a PDF) to execute any action. For example, at the case of a PDF, an option would be to send to a FTP server, or send by mail.

For more information about these parameters, check the Spool Converter Pro user guide.

Prefix name for the resulting split files

Instead of using a name for the resulting files (in traditional file system and in IFS), it is specified a prefix.

It is possible to specify too a prefix when the resulting files are spool files.

The split files have a name convention:

- If parameter OUTPUT has *SPL value, then the generated spool files will have the name SPLF (by default) followed from a number (counter) of 6 digits.
For example, if we split a 20 pages spool file in groups of 8 pages each, we will get:
 - SPLF000001 with 8 pages
 - SPLF000002 with 8 pages
 - SPLF000003 with 4 pages
- If parameter OUTPUT has *FMT value, we will be required a 4 chars name as prefix, used for the Splitter for giving name to the generated spooled files, using too a number (counter). The name of the split files will be obtained with the prefix and the number.

Considerations

Alter first month of using the software, it will be needed an activation keys.
These keys will be provided after purchasing a license.

Spoiled files to process has to be *SCS type.

For generation in IFS, it is not valid to specify a path corresponding to QDLS.

The license of the tool allows to split the spoiled file in other spoiled files.
Generation of other formats (PDF, HTML, TXT, CSV, XML and Excel) as result
of the splitting process is not a feature of the Spool Splitter Pro license.

Next are shown some examples of SPLSPLIT command screens

Selecting the pages of each split file

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Spool Splitter Pro (SPLSPLIT)

Type choices, press Enter.

Spooled File . . . . . > _____ Name
Job name . . . . . * _____ Name, *
  User . . . . . _____ Name
  Number . . . . . _____ 000000-999999
Spool File Number . . . . . *ONLY _____ 1-999999, *ONLY, *LAST
From Page . . . . . *FIRST _____ 1-99999999, *FIRST
To Page . . . . . *LAST _____ 1-99999999, *LAST
Pages of Each Split File . . . . . 1 _____ 1-99999999, *LOC, *VAR
Output . . . . . *SPL _____ *SPL, *FMT
Prefix for Spool Output . . . . . *DFT _____ Name, *DFT

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
  
```

Selecting the *LOC (localize text) condition to split the file

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Spool Splitter Pro (SPLSPLIT)

Type choices, press Enter.

Spooled File . . . . . > _____ Name
Job name . . . . . * _____ Name, *
  User . . . . . _____ Name
  Number . . . . . _____ 000000-999999
Spool File Number . . . . . *ONLY _____ 1-999999, *ONLY, *LAST
From Page . . . . . *FIRST _____ 1-99999999, *FIRST
To Page . . . . . *LAST _____ 1-99999999, *LAST
Pages of Each Split File . . . . . > *LOC _____ 1-99999999, *LOC, *VAR
Localize Text for Splitting . . . _____
  Localize at pos . . . . . _____ 1-198
  Localize in Line of Page . . . _____ 1-120
Output . . . . . *SPL _____ *SPL, *FMT
Prefix for Spool Output . . . . . *DFT _____ Name, *DFT

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
  
```

Selecting the *VAR (localize variable text) condition to split the file

```

Spool Splitter Pro (SPLSPLIT)

Type choices, press Enter.

Spooled File . . . . . _____ Name
Job name . . . . . * _____ Name, *
User . . . . . _____ Name
Number . . . . . _____ 000000-999999
Spool File Number . . . . . *ONLY _____ 1-999999, *ONLY, *LAST
From Page . . . . . *FIRST _____ 1-99999999, *FIRST
To Page . . . . . *LAST _____ 1-99999999, *LAST
Pages of Each Split File . . . . > *VAR _____ 1-99999999, *LOC, *VAR
Variable Length . . . . . _____ 1-30
Variable Initial Position . . . . _____ 1-198
Var. Located in Line Page . . . . _____ 1-120
Output . . . . . *SPL _____ *SPL, *FMT
Prefix for Spool Output . . . . . *DFT _____ Name, *DFT

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
  
```

Rest of available parameters for integration with Spool Converter Pro

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Spool Splitter Pro (SPLSPLIT)

Type choices, press Enter.

To File (Prefix) . . . . . _____ Name
Library . . . . . *LIBL _____ Name, *LIBL, *CURLIB
To member . . . . . *FIRST _____ Name, *FIRST
Rules Group Name . . . . . *NONE _____ Name, *NONE
Prefix for Spool Output . . . . . *DFT _____ Name, *DFT
To IFS File (Prefix) . . . . . _____ Name
To IFS Path . . . . . _____
Call Program (with params) . . . . *NONE _____ Name, *NONE
Library . . . . . *LIBL _____ Name, *LIBL, *CURLIB

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
  
```

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