

Splitdocument standard V1.0 Specification



SplitDocuments

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Overview

SplitDocuments allows to convert and split documents in order to have a single page instead a big document. This feature is particular useful to manage or transfer document via Internet.

SplitDocuments converts documents from Adobe PDF e Microsoft Word format creating a single document for each document's page, in html format.

The html files are compliant with browsers that use the HTML 4 format and are optimized for web publishing. SplitDocuments converts text, graphic items, document's link and make a further link among the split document pages. For instance, if you want split a document of 5 pages, SplitDocuments makes five html files adding on the bottom of each file, the link to the following or previous page, Furthermore insert the link to the original document in order to allow its downloading in case of users needs.

These feature reduce the time of downloading and optimizing the document browsing even in case of low band throughput preserving the document browsing . The split files are fully compliant with mobile devices such as PDA's or Smart Phone's.

SplitDocuments uses open source components and is available on Windows and Linux operative system.

Using SplitDocuments no additional software is needed to read documents, as Adobe Acrobat or Microsoft Office.

Requirements

Windows

1. Windows Xp/2003/Vista
2. .NET framework 2.0

Install

The SplitDocument is very simple but it depend by the operative system.

Windows

To install SplitDocument program start setup.exe and follow the instruction.

Setup program will install .NET 2.0 framework in case you need. The internet connection is needed to automatically install .NET 2.0 framework and to install open source library.

SplitDocument Features

SplitDocument process the directory, defined by the user, and copy the files into an output directory defined by the user. For every “.pdf”, “.doc” or “.txt” document found, SplitDocument creates one file for each document page. The file name representing each document page, is creating preserving the document name and the page number information as following example:
<document name – page number>

In case of pdf document containing graphic items that could be changed during the conversation SplitDocument preserves the original document, SplitDocument splitting the document create also a pdf file for each page, and save it into the directory selected by the user during the SplitDocument

configuration. The single page, as pdf file, is downloadable using a link situated on the bottom of html page Using this feature the user can click on the page link and download the same html page saved as pdf.

SplitDocuments allows to use two storage ways:

1. Local storage: the output files are stored in the same directory of original document
2. Virtual storage: the output files are stored in a alternative path

LOCAL STORAGE

In case the user left unchecked the “Physical PDF path” box, SplitDocuments will create the single pdf page in one file using the “~\$” symbol before the filename.

VIRTUAL STORAGE

In case the user checked the “Physical PDF path” box, SplitDocuments will create the single pdf page in a folder defined by the user in “Physical PDF path” textbox. In this case the user must define the name of virtual server path where the files can be linked. This virtual path must be defined setting the internet web server. For instance selecting a virtual name as “repository”, SplitDocuments will generate a link to the priginale pdf file on bottom of html page like:

<http://repository/<namefile>.pdf>

Each user action is logged on an .log file.

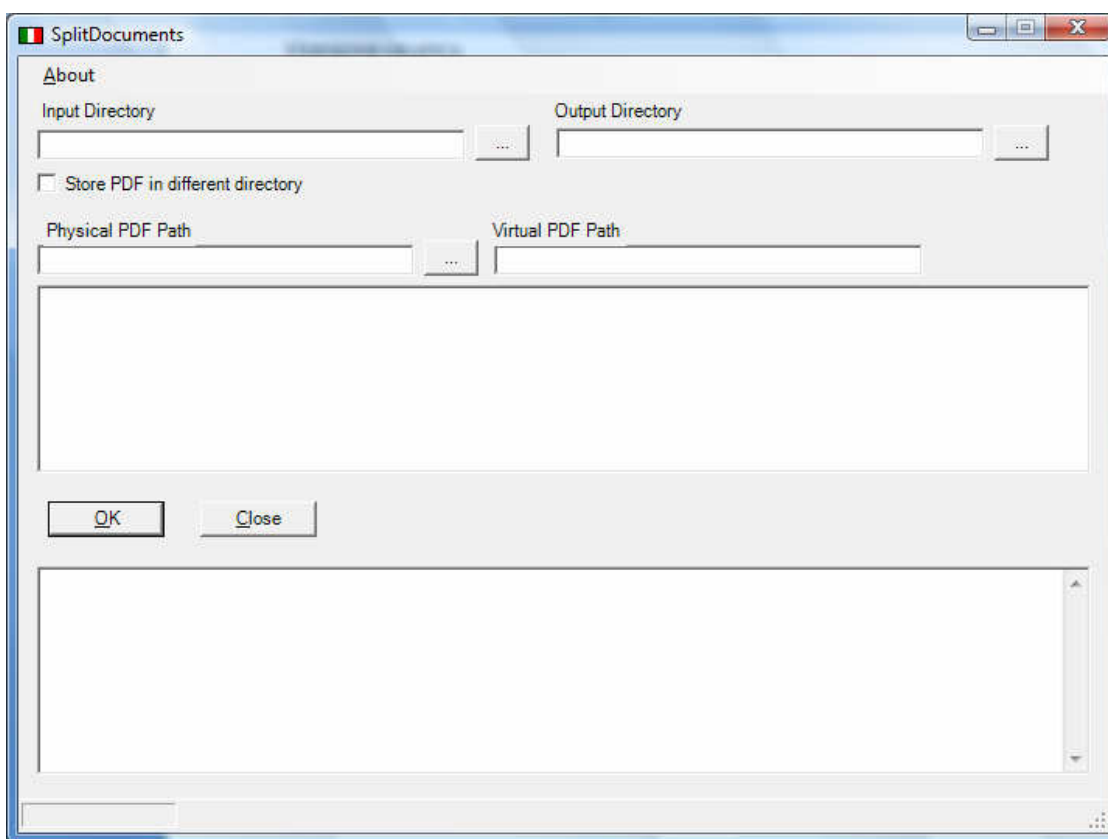
User guide


SplitDocument has been designed to run from graphic interface or from command line in case you need to schedule it.

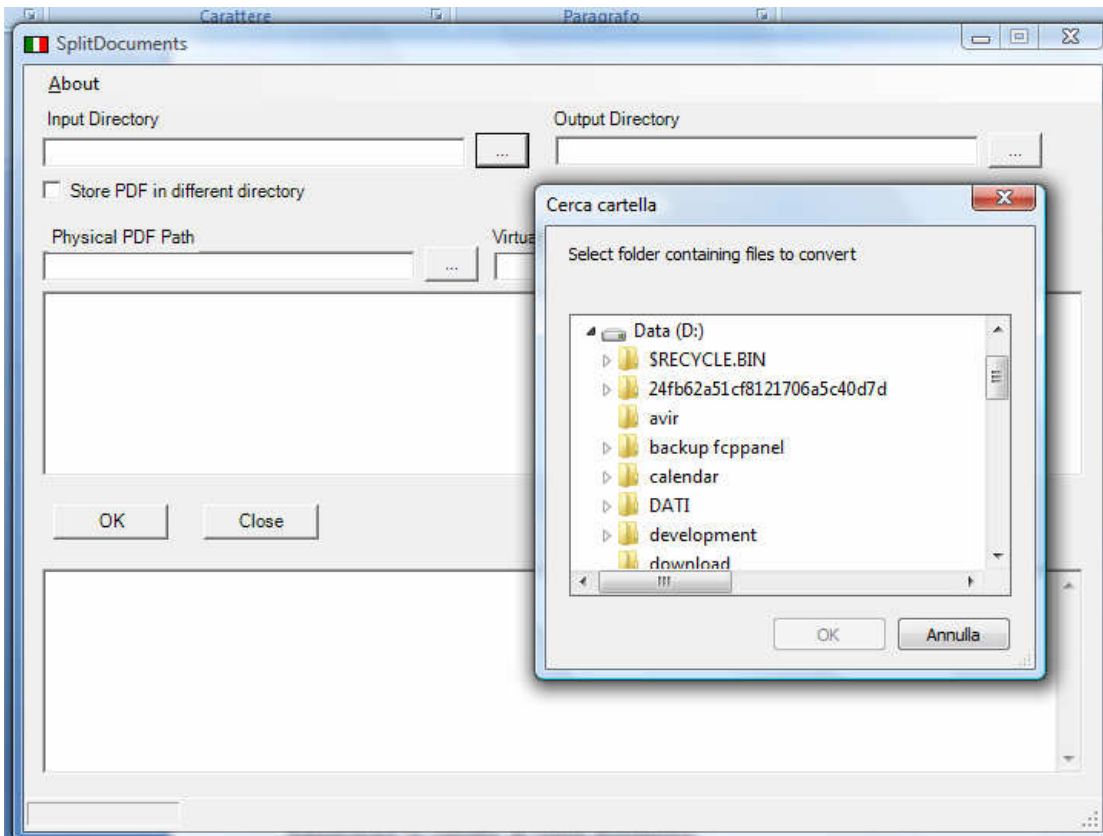
GRAPHIC INTERFACE

Select Start->Programmi-> SplitDocuments to start the program

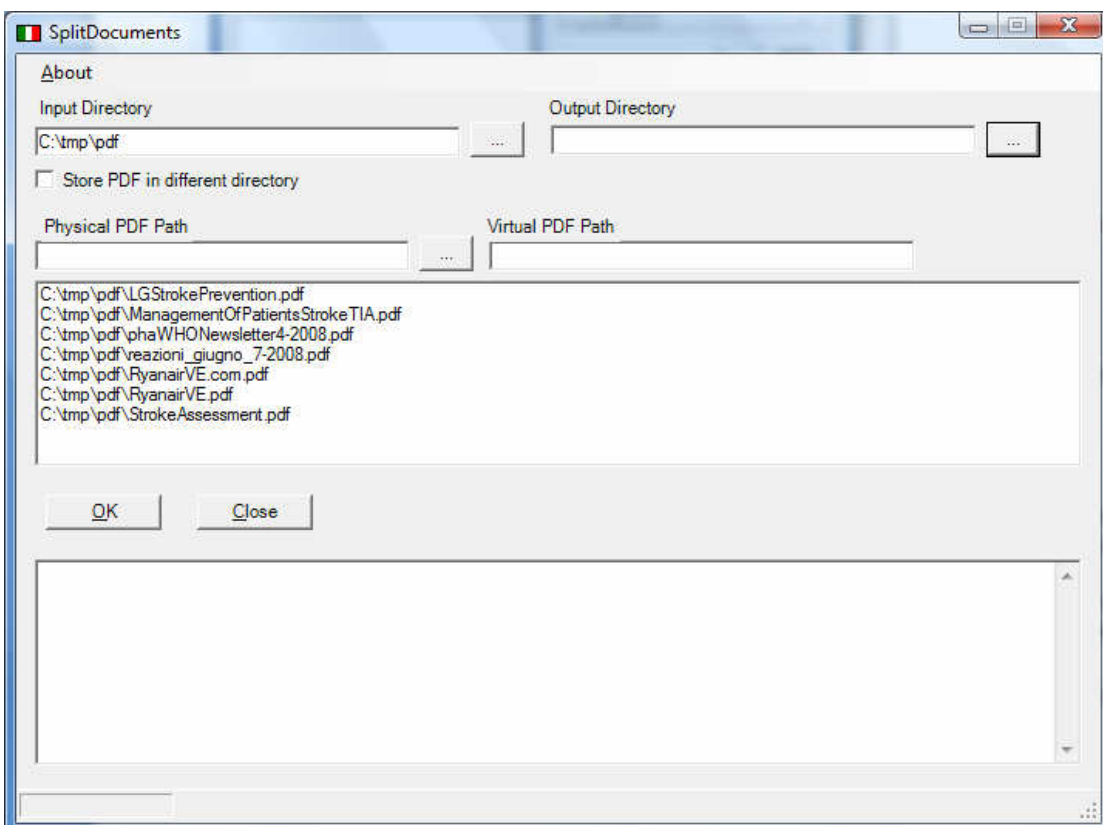
The following windows will show you




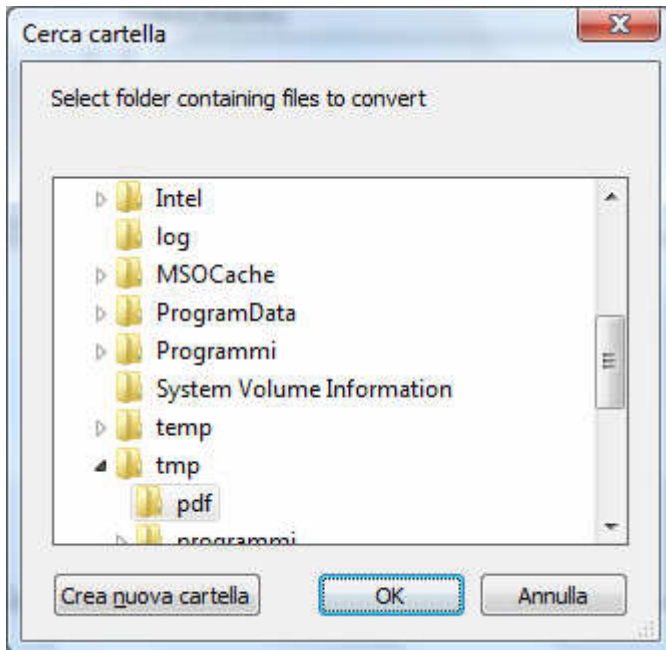
Select the  button to insert the “Input Directory”:



Select the input folder and the folder path will be filled into the “Input Directory” textfield:



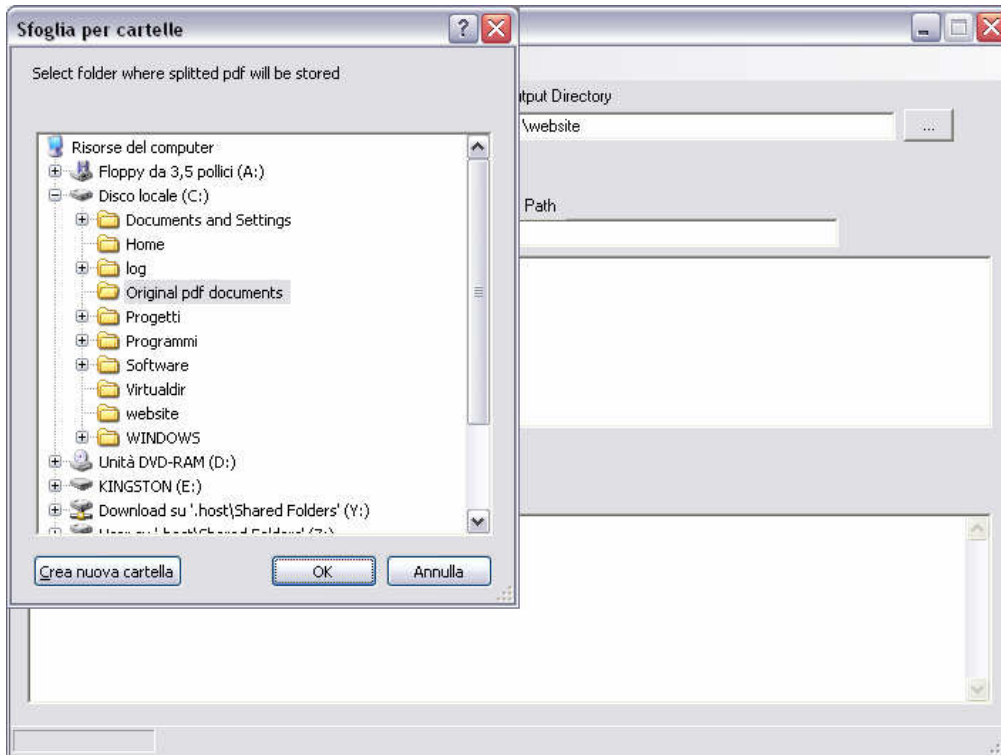
Select the  button to insert the “Output Directory”:



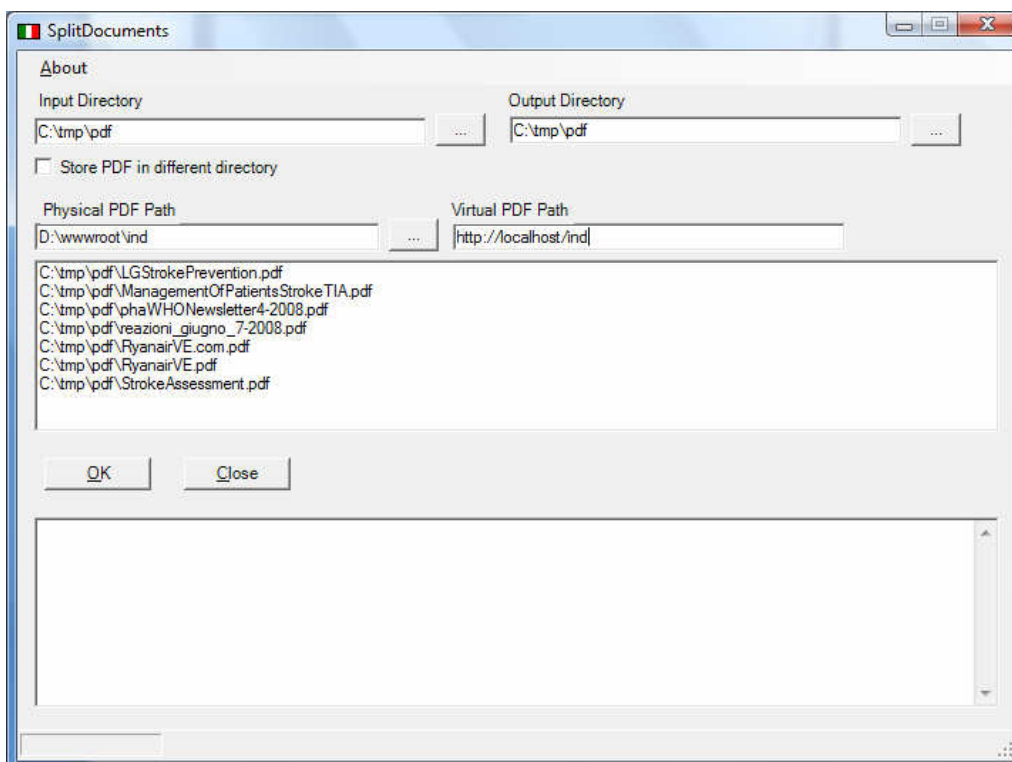
Pressing the “OK” button the program will start to convert documents found into the “Input Directory”. The file created as single pdf pages will store into the same directory.

In case the user wants to store the output files in a different directory of original documents he must select the “Save PDF in different directory” checkbox and fill the “Physical PDF Path” and “Virtual PDF Path”

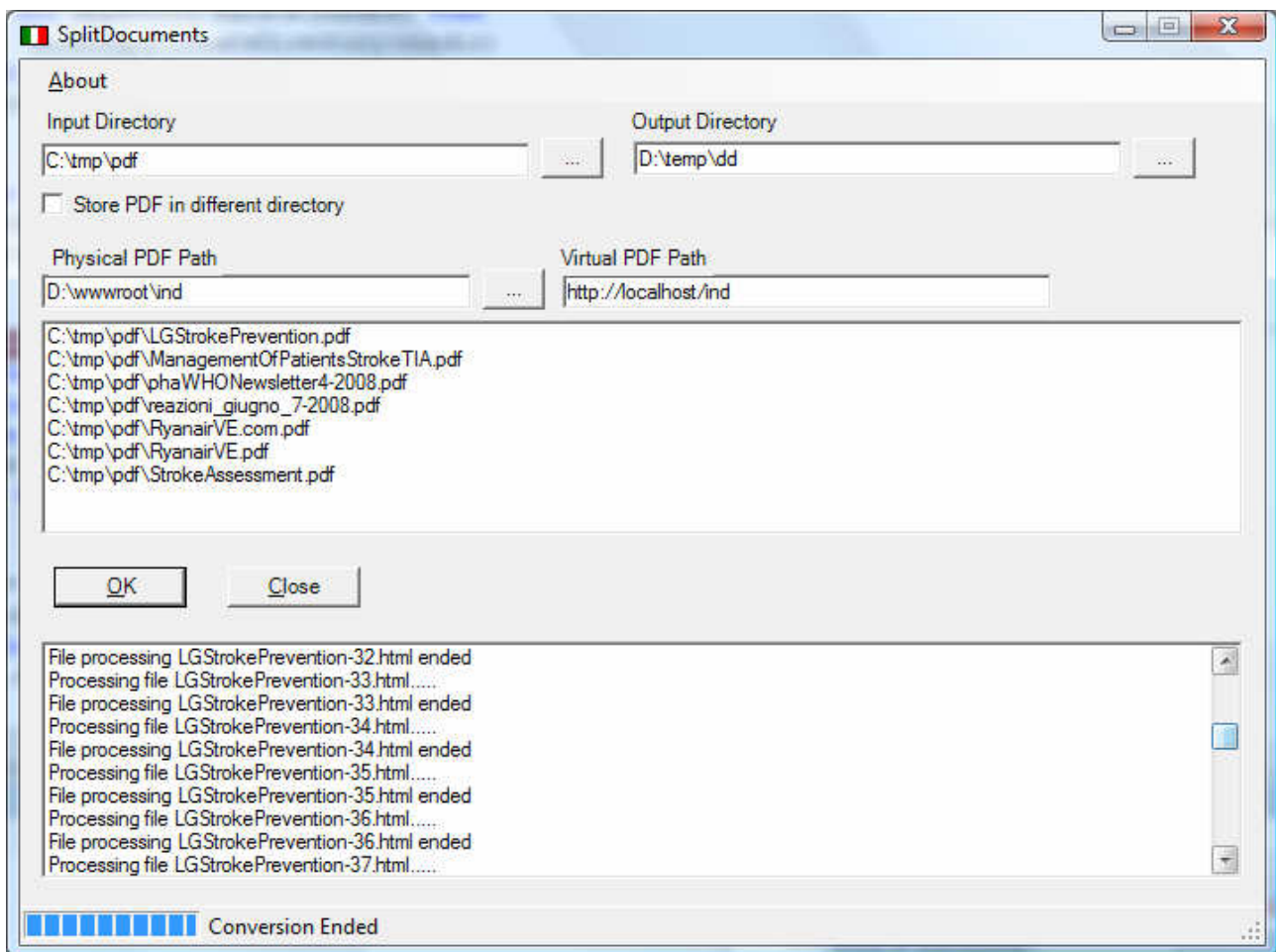
The user can select the new folder pressing the  button after the “Physical PDF Path” textbox:



Once the folder is set, the user have to define a virtual name used to link the resource from web:



Pressin the “OK” button , SplitDocuments will start the conversion batch. During the conversion window on bottom will show the processed files.



COMMAND LINE

SplitDocument can be started from command line setting parameters as showed below:

I parametri sono:

- d <directory di input>
- o <directory di output>
- Optional
- p < single pdf destination path >
- v <virtual path>

Esempio:

```
SplitDocumentsCmd .exe -d "C:\repository\PdfStored" -o "C:\index\SplittedDocs"
```

```
SplitDocumentsCmd .exe -d "C:\repository\PdfStored" -o "C:\index\SplittedDocs" -v  
"C:\inetpub\wwwroot\pdf" -p "http://88.43.98.123/pdf"
```

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SplitDocument process documents of folder and sub folder set as “Input Directory” copying processed files into the output directory..

Virtual path acts as part of full document’s URL (ie: http://88.43.98.123/pdf/page_1.pdf), therefore it must be accessible from user browser.

Each original pdf single page will show at the bottom of html the following tool bar:



Clicking on the arrows icon the user can download the next and previous pages and clicking the pdf acrobat icon, on center bottom, the original pdf is downloaded, as showed in the picture:



Compatibility

SplitDocument is delivered for Windows platform with .NET 2.0 framework and is compliant for Windows 2000, 2003, XP and Vista.

Restrictions

SplitDocument not convert cripted documents protected by password or when the text copy is not allowed.

Support

For support and information : info@quartica.it