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**Creating, Manipulating and Printing PDFs**

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# About Me

CF Developer for over 10  
years

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Blog at [samfarmer.com](http://samfarmer.com)



Tips and thoughts on ColdFusion and other technologies that make the web go...

Sam Farmer's Blog



# How to Make a PDF

```
<cfdocument format="pdf">
```

```
HTML
```

```
</cfdocument>
```

# cfdocument's flavor of HTML

All Images

No PDF or Flash

Most HTML, CSS

Like any browser not everything supported

iText under the covers

View Livedocs for specific css details



# Header, Footer & Page Break

`<cfdocumentitem`

`type="header | footer | pagebreak">`

cfdocument structure:

- `currentPageNumber`
- `totalPageCount`
- `currentSectionPageNumber`
- `totalSectionPageNumber`

## Other Features

Format="flashpaper"

Password

Screenshot

Page Type Attribute

standard (legal, letter, A4, A5, B4, B5, B4-JIS, B5-JIS)

custom

Scale

SaveAsName

# PDF Manipulation





cfpdf

Native Adobe pdf code under the covers

All sorts of fun stuff!

Key Attributes:

action

source

destination

# Relative Paths Supported

No need for `expandPath()`, etc



## Source: File or Variable

Source attribute takes in:

path to file

```
<cfpdf source="pdfs/file.pdf" ...
```

variable name without pound signs

```
<cfpdf source="variables.myPDF" ...
```

# Merge

Join or Extract pages

Key Attributes

destination

directory

ascending (true | false)

order (name | time)

cfpdfparm source

# Watermark

Usefull for drafts, confidential notices

Key Attributes:

position

text or image

foreground

rotation

transparent

# Thumbnail

Really conversion from pdf to image

Key Attributes:

destination (folder for images)

format

pages

scale

imagePrefix

# Password

Add password

Key Attributes:

`newUserPassword`



# MetaData

PDFs come with plenty of metadata

Action="getInfo | setInfo"

Returns or sets structure of the information

# Other Features

Linearize

Document Permissions

Copy, Modification, Printing, Security, plus more

Delete pages

Remove Watermark

Manipulate with DDX

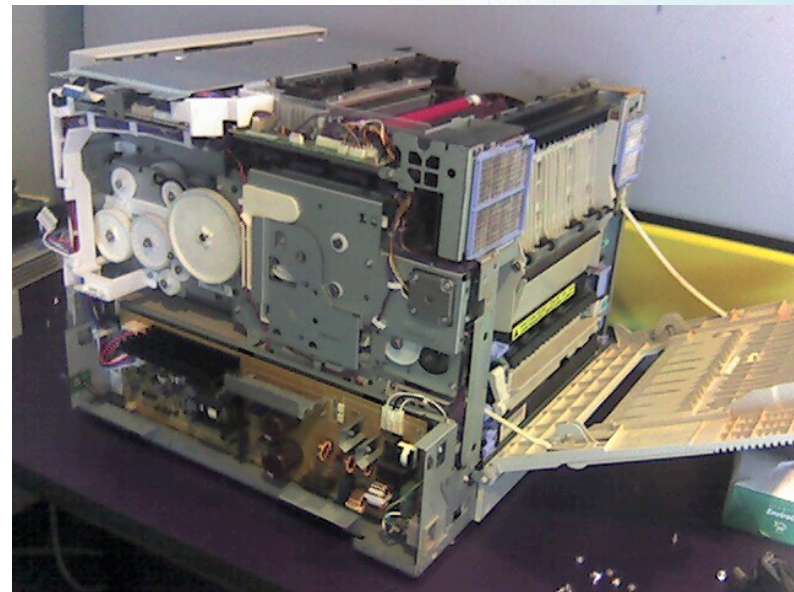
Read into a variable

# Printing

The black box of all black boxes

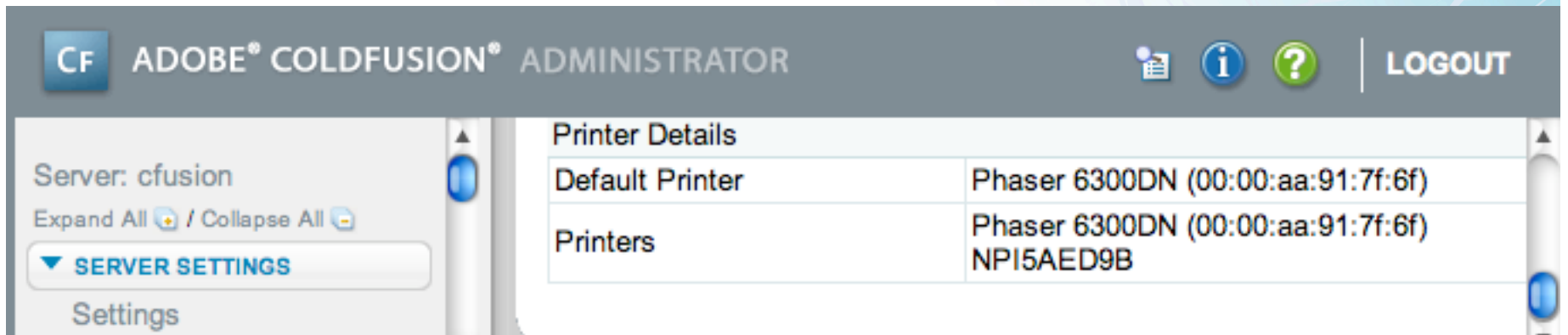
Account CF Running Needs Access to Printers

Print PDFs



# List of Printers

Via Administrator



The screenshot shows the Adobe ColdFusion Administrator interface. The top navigation bar includes the 'CF' logo, 'ADOBE® COLD FUSION® ADMINISTRATOR', and icons for help, information, and a question mark, along with a 'LOGOUT' button. The left sidebar displays 'Server: cfusion' and 'Expand All / Collapse All' options, with a 'SERVER SETTINGS' button and 'Settings' link. The main content area is titled 'Printer Details' and contains a table with the following data:

| Printer Details |  |
|-----------------|--|
| Default Printer | Phaser 6300DN (00:00:aa:91:7f:6f)              |
| Printers        | Phaser 6300DN (00:00:aa:91:7f:6f)<br>NPI5AED9B |

## GetPrinterList()

### 8.0.1 Undocumented function

# Sending Documents to the Printer

```
cfprint source="" type="pdf"
```

Can control:

color

copies

pages

printer

Real tight control with attributeStruct

Available options from GetPrinterInfo()



# Q&A