SetProtection()

(mPDF >= 1.0)

SetProtection – Encrypts and sets the PDF document permissions

Description

void **SetProtection** (array *$permissions* [, string *$user_password* [, string *$owner_password* [, integer *$length*]]])

Encrypts and sets the PDF document permissions for the PDF file, together with user and owner passwords.

Note: A default mPDF document is not encrypted, and grants full permissions to the end-user e.g. copying, printing, modifying.

Parameters

permissions

This parameter is an array which specifies the permissions granted to the end-user.
A blank array should be passed to deny all permissions to the user. The latter 4 permissions were added in mPDF >=5.3
Using any of these last 4 permissions require 128-bit encryption and will force this mode, regardless of any value set for *length*.

Note: If 128-bit encryption is used (whether by specifying *length*=128 or by using any of the 4 latter permissions), the use of *print* will only allow low-resolution printing from the document; you must specify *print-highres* to allow full resolution printing.

Values (case-sensitive)
An array including any, all or none of the following. The values included are those permissions allowed:
copy
print
modify
annot-forms

fill-forms
extract
assemble
print-highres

user_password

Specify a password required for a user to open the PDF file.
BLANK or omitted - No password is required to open the PDF document.

owner_password

Specify a password which will allow full access and permissions to the PDF file.
If omitted - A random password is generated by mPDF

length

Specify the bit-length used for encryption. Two values are possible, 40 and 128. The 4 latter *permissions*

(see above) require 128-bit encryption, and setting any of these will automatically set *length* as 128, overriding any value specified.
DEFAULT: 40 - use 40-bit encryption

VALUES
40
128

Changelog

Version	Description
2.5	**CJK** files can be encrypted
3.2	Empty (blank array) *permissions* array correctly handled.
5.3	Additional *permissions* added, and *length* parameter added enabling 128-bit encryption

Examples

Example #1

```
<?php

$mpdf=new mPDF();
// Encrypt the file and grant no permissions to the user to copy, print etc.
// The user will be able to open the file as no password is specified
// Owner cannot access full rights because no owner_password was set
$mpdf->SetProtection(array());
$mpdf->WriteHTML('<p>Hallo World</p>');
$mpdf->Output('filename.pdf');

?>
```

Example #2

```
// Encrypt the file and grant no permissions to the user
// The user will need to use "UserPassword" to open the file
// Owner has full rights using the password "MyPassword"
$mpdf->SetProtection(array(), 'UserPassword', 'MyPassword');

// Encrypt the file and grant permissions to the user to copy and print
// No password is required to open the document
// Owner has full rights using the password "MyPassword"
$mpdf->SetProtection(array('copy','print'), '', 'MyPassword');
```

See Also

- SetUserRights()

Printed on Wed 05 Aug 2015 12:16:55 GMT +0100 (DST)