



## FPDI

Manual and Reference

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## FPDI - Introduction

The core class for importing pages from existing PDF documents. FPDF is an extended class of [FPDF\\_TPL](#) which adds a template feature to FPDF.

As of version 1.2.1 FPDF is also compatible with [TCPDF](#)!

Please notice that as of version 1.2.1 you're responsible to include the class to extend (FPDF or TCPDF) before including FPDF.

FPDI transforms PDF pages into the template structure offered by [FPDF\\_TPL](#).

You can use a source page by passing the id, returned from [FPDI::importPage\(\)](#), to the [FPDF\\_TPL::useTemplate\(\)](#) method extended from [FPDF\\_TPL](#). Of course, the id can be used to fetch the dimensions of a page by passing it to the [FPDF\\_TPL::getTemplateSize\(\)](#) method as well.

## FPDI - Class

Extends [FPDF\\_TPL](#) to import single pages of existing PDF documents into templates.

Make sure you included FPDF or TCPDF before including fpdf.php as of version 1.2.1!

### *Class Overview*

[FPDF\\_TPL](#)  
└─ [FPDI](#)

### *Child Classes*

▶ [FPDI\\_Protection](#)

### *Methods*

▶ [FPDI::setSourceFile\(\)](#)

This method opens a file and reads the needed information.

▶ [FPDI::importPage\(\)](#)

This method transforms a source page to a FPDF\_TPL template.

▶ [FPDI::useTemplate\(\)](#)

▶ [FPDI::getLastUsedPageBox\(\)](#)

### *Inherited Methods*

**Class:** [FPDF\\_TPL](#)

▶ [FPDF\\_TPL::beginTemplate\(\)](#)

▶ [FPDF\\_TPL::endTemplate\(\)](#)

▶ [FPDF\\_TPL::getTemplateSize\(\)](#)

## FPDI::setSourceFile()

### *Description*

```
FPDI extends FPDF TPL {  
    integer setSourceFile ( string $filename )  
}
```

Opens a file and reads the needed information. It returns the page count. The resulting PDF document is created with the highest version number of the imported documents.

### *Parameters*

#### ***\$filename***

A valid path to a PDF file you want to take pages from. Only local files are allowed.

### *Return Values*

The page count of the source file.

## FPDI::importPage()

### Description

```
FPDI extends FPDF TPL {  
    mixed importPage ( integer $pageno[, string $boxName='/CropBox'] )  
}
```

Transforms a source page to a FPDF\_TPL template and returns the id of created "template" (or page in this case).

### Parameters

#### ***\$pageno***

The page number to import.

#### ***\$boxName***

The box which should be used to display the imported page.

Possible values are:

- ▶ /MediaBox
- ▶ /BleedBox
- ▶ /TrimBox
- ▶ /CropBox
- ▶ /ArtBox

If a box is not found, FPDF will look up for it's parent box and use this instead. You can check which box were imported with [FPDI::getLastUsedPageBox\(\)](#).

### Return Values

If the page was imported correctly the method will return the id of the template (page) to use with [useTemplate\(\)](#). If you define a wrong box in the 2nd parameter the method will return *false*.

## FPDI::useTemplate()

### Description

```
FPDI extends FPDF_TPL {  
    array useTemplate ( integer $tplidx[, float $x=null[, float $y=null[,  
        float $w=0[, float $h=0[, boolean $adjustPageSize=false]]]] )  
}
```

If an optional parameter is left, the information of the page/template are used.

All parameters are expressed in user unit.

If only one explicit dimension is given, the other is calculated automatically so that the original proportions are kept. For internal calculation [getTemplateSize\(\)](#) is used.

### Parameters

#### ***\$tplidx***

A valid id of template returned from [FPDI::importPage\(\)](#), [FPDF\\_TPL::beginTemplate\(\)](#) or [FPDF\\_TPL::endTemplate\(\)](#)

#### ***\$x***

Abscissa of the upper-left corner.

#### ***\$y***

Ordinate of the upper-left corner.

#### ***\$w***

Width of the template in the page. If not specified or equal to zero, it is automatically calculated.

#### ***\$h***

Height of the template in the page. If not specified or equal to zero, it is automatically calculated.

#### ***\$adjustPageSize***

If this parameter is set to *true* the page size will be adjusted to the size of the imported page.

### Return Values

Array with w(idth) and h(eight) of the template. (See [getTemplateSize\(\)](#))

### *Version*

\$adjustPageSize was added in version 1.3



## FPDI::getLastUsedPageBox()

### *Description*

```
FPDI extends FPDF TPL {  
    mixed getLastUsedPageBox ( void )  
}
```

With this method you can check if the box, you defined in [FPDI::importPage\(\)](#) could be used or if another box were imported.

### *Return Values*

Returns the Name of the last imported pagebox.