PageObject represents a single page within a PDF file.

Typically this object will be created by accessing the `getPage()` method of the `PdfFileReader` class, but it is also possible to create an empty page with the `createBlankPage()` static method.

Parameters

- **pdf** – PDF file the page belongs to.
- **indirectRef** – Stores the original indirect reference to this object in its source PDF

addTransformation(*ctm*)[source]

Apply a transformation matrix to the page.

Parameters

ctm (*tuple*) – A 6-element tuple containing the operands of the transformation matrix.

property`artBox`

A `RectangleObject`, expressed in default user space units, defining the extent of the page's meaningful content as intended by the page's creator.

property`bleedBox`

A `RectangleObject`, expressed in default user space units, defining the region to which the contents of the page should be clipped when output in a production enviroment.

compressContentStreams()[source]

Compress the size of this page by joining all content streams and applying a FlateDecode filter.

However, it is possible that this function will perform no action if content stream compression becomes "automatic" for some reason.

*static***createBlankPage**(*pdf=None, width=None, height=None*)[source]

Return a new blank page.

If `width` or `height` is `None`, try to get the page size from the last page of *pdf*.

Parameters

- **pdf** – PDF file the page belongs to
- **width** (*float*) – The width of the new page expressed in default user space units.
- **height** (*float*) – The height of the new page expressed in default user space units.

Returns

Sample pdf