Features of pdfArticle document class

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Document class pdfArticle is simple document class dedicated for creating pdf documents with LuaLATEX. This class:

- Use extarticle (from extsizes) as base document class (for support wide range of base font sizes).
- Require and configure fontspec package, that enable support for Unicode Open Type fonts. Configure default document sherif, sans and mono fonts via fontspec according to class options. By default use Latin Modern fonts with support for SMALL CAPS in sherif and mono fonts.
- Require and configure graphicx and graphbox packages (for including graphics). Set file extensions for search graphics files to .mp, .pdf, .png, .jpg, .jpeg (in this order first METAPOST, last JPEG) and default image resolution to imgResolution class atribute (default 150).
- Require xcolor (for foreground and background colors) and fifo-stack packages and configure colours stack (you can use it with \FSPush{colors}, \FSPop{colors} and \FSTop{colors} commands).
- Require hyperref package (for internal and external links in pdfs) and configure color external (url) link as blue and internal (\ref{}) links as color from top of colours stack. More setting (eg. set PDF title, author, etc) can be do via \hypersetup{} command.
- Require geometry package and configure page gemetry (paper size, orientation and marings) according to class options. By default use portrait A4 paper.
- Provide \forceNewPageGeometry commad for enforce new page geometry (like \newgeometry, but allow change paper size too).
- Require fancyvrb and fvextra (for good verbatim enviromet with line breaking, line numbering, titles, frames, etc). Redefine standard verbatim enviromet and \verb commad to using fancyvrb. Allow break long lines on spaces, / or -, set → as post break marker.
- Require ulem, contour and shadowtext (for text decorations).
- Is incompatible with sout package, because define own \ul[color]{text}, \st[color]{text} and \hl[color]{text} commands (based on ulem package) for underline, strike out and highlight text with selected color.
- Require enumitem (for better enumerate, itemize and description environments).
- Redefine \alph and \Alph with alphalph package (for converting big numbers to letters as a, b, ..., x, y, z, aa, ab, ac, ..., az, ba, ..., zz, aaa, ...).
- Require pbox and varwidth (for vertical box with automatic minimal width).
- Require overpic (for putting (A)TEX stuff on images).
- Require wrapfig (for wraping text around images).
- Require array and dcolumn (for useful extentions for tables).
- Require tabto (for tabbing to fixed positions).
- Require ragged2e (for justify environment and configurable Center, FlushLeft, FlushRight).
- Require changepage (for changes margins via adjustwidth environment).
- Require setspace (for setting line stretch global and via spacing environment).
- Require amsmath and unicode-math (for better math with Unicode Open Type fonts).
- Require adjustbox (for scaling, rotating, clipping, etc boxes).
- Only when extra option was given require: minted (code highlight), tcolorbox (nice framed boxes).

Class can be simple used by: \documentclass{pdfArticle}. Below is example of class usage with all avalible options, all options in this example are set to default values:

```
\documentclass[
        fontSize=12pt,
        mainFont={Latin Modern Roman},
        mainFontFeat={
                UprightFeatures = { SmallCapsFont={ lmromancaps10regular } },
                ItalicFeatures = { SmallCapsFont={ lmromancaps10oblique } },
                SlantedFont = lmromanslant10regular,
                BoldSlantedFont = lmromanslant10bold,
                Ligatures=TeX
        },
        sansFont={Latin Modern Sans},
        sansFontFeat={
               Ligatures=TeX
        },
        monoFont={Latin Modern Mono},
        monoFontFeat={
                UprightFeatures = { SmallCapsFont={ lmmonocaps10regular } },
                ItalicFont = lmmono10italic,
                ItalicFeatures = { SmallCapsFont={ lmmonocaps10oblique } },
                SlantedFont
                               = lmmonoslant10regular
        },
        paperSize=a4paper, paperMode=portrait, twoside=true,
        tmargin=2.2cm, bmargin=2.5cm, lmargin=2.2cm, rmargin=2.2cm,
        imgResolution=150, extra=false
]{pdfArticle}
```

It's also possible load some packages (or do other things) right before load hyperref package (after load all other packages) via \pdfArticlePreHyperRef:

```
\newcommand\pdfArticlePreHyperRef{
% stuff to do before load hyperref
}
\documentclass{pdfArticle}
```