Java PDF generator showcase

Example Clause

Instructions

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Tables

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GDP of selected countries in trillions

| Country | 2018 | 2019 | 2020 | 2021 | 2022 |
|----------------|----------|----------|----------|----------|----------|
| Germany | 3.95 USD | 3.86 USD | 3.80 USD | 4.22 USD | 4.26 USD |
| France | 2.78 USD | 2.72 USD | 2.60 USD | 2.94 USD | 2.96 USD |
| United Kingdom | 2.86 USD | 2.83 USD | 2.71 USD | 3.13 USD | 3.19 USD |
| Italy | 2.07 USD | 2.00 USD | 1.89 USD | 2.10 USD | 2.12 USD |
| Spain | 1.43 USD | 1.39 USD | 1.28 USD | 1.43 USD | 1.45 USD |

Countries in Europe

| Country | Population | Size |
|-----------|------------|------|
| Monaco | 36371 | 1.98 |
| Gibraltar | 29431 | 6.8 |

The first line is used for referencing. You can reference <<table_countries>> in your text. The only thing you should change in that line is the table id, which is "table_countries" in this case. Please do not remove the "#", please do not change anything else in that line.

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Cell alignment: If you need to align a column, you may indicate this by setting ^,<, or >. Examples:

- ^25m = centered, 25% width, monospaced.
- >25e = aligned right, 25% width, emphasised
- <25 = aligned left, 25% width, asciidoc

In any case, please make sure that your table fit on a piece of A4 or letter-size paper!!

Recommended Asciidoc Environment

We recommend to use asciidoctor and asciidoctor-pdf in combination with the Atom editor.

Installation on MacOS and Linux

- 1. Please follow the steps on https://asciidoctor.org/#installation.
- 2. Install the bibtex extension: gem install asciidoctor-bibtex

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We have made best experiences with the following steps:

- 1. Install ruby for windows: https://rubyinstaller.org/downloads/. If you experience any issues, the following link may help: stackoverflow
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Using Asciidoctor with Atom

In Atom, you should install the following packages:

- · asciidoc-preview
- · autocomplete-asciidoc
- · language-asciidoc
- markdown-writer: requires changing of key-map to allow for keyboard shortcuts such as e.g. bold
- platformio-IDE-terminal

This environment allows you to use keyboard shortcuts, autocomplete, syntax highlighting and a rendered preview for asciidoc; and provides you an terminal window within the editor to convert your asciidoc to html and pdf.

Asciidoc Conversion

In order to achieve a uniform look-and-feel of all ERs in both HTML and PDF, we have provided a css and theme file. The following commands can be used to convert the ER:

Command for PDF output: asciidoctor-pdf -r asciidoctor-bibtex -a pdf-stylesdir=resources -a pdf-style=ogc -a pdf-ontsdir=resources/fonts er.adoc

Command for HTML output: asciidoctor -r asciidoctor-bibtex -a linkcss -a stylesheet=rocket-panda.css -a stylesheets er.adoc

Source Code

You can add code snippets using the following syntax:

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<section>
<title>Section Title</title> <!--1-->
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<1> This notation allows to reference particular sections within the code.

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As shown in line 2, the value of "id" is "File".

Asciidoc(tor) Syntax Help

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Use of Citations

For citations that also have an associated URL, the URL should be inserted inline as in <u>this example</u>. An endnote citation should still also be included (just in case the link stops working in the future).

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The hail-and-rainbow protocol can be initiated at five levels:

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cite:[VanZyl2009]
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