

Java PDF generator showcase

Example Clause

Instructions

NOTE

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Tables

Tables are easy to deal with as long as you keep them simple! To add a table, please use the following syntax.

GDP of selected countries in trillions

| Country | 2018 | 2019 | 2020 | 2021 | 2022 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <i>Germany</i> | <i>3.95 USD</i> | <i>3.86 USD</i> | <i>3.80 USD</i> | <i>4.22 USD</i> | <i>4.26 USD</i> |
| <i>France</i> | <i>2.78 USD</i> | <i>2.72 USD</i> | <i>2.60 USD</i> | <i>2.94 USD</i> | <i>2.96 USD</i> |
| <i>United Kingdom</i> | <i>2.86 USD</i> | <i>2.83 USD</i> | <i>2.71 USD</i> | <i>3.13 USD</i> | <i>3.19 USD</i> |
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Countries in Europe

| Country | Population | Size |
|---------------|--------------|-------------|
| <i>Monaco</i> | <i>36371</i> | <i>1.98</i> |

| | | |
|------------------|-------|-----|
| <i>Gibraltar</i> | 29431 | 6.8 |
|------------------|-------|-----|

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- ^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 <http://asciidoctor.org> and <http://asciidoctor.org/docs/convert-asciidoc-to-pdf/> in combination with the <https://atom.io> 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: <https://stackoverflow.com/questions/18908708/installing-ruby-gem-in-windows>
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3. Text your installation
 - a. Open a folder that contains your Engineering Report asciidoc source files, including the *er.adoc* file.
 - b. Execute the following command: *asciidoctor -r asciidoctor-bibtex er.adoc*

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In Atom, you should install the following packages:

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- markdown-writer: requires changing of key-map to allow for keyboard shortcuts such as e.g. **bold**
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Command for PDF output: `asciidocctor-pdf -r asciidocctor-bibtex -a pdf-stylesdir=resources -a pdf-style=ogc -a pdf-fontsdir=resources/fonts er.adoc`

Command for HTML output: `asciidocctor -r asciidocctor-bibtex -a linkcss -a stylesheet=rocket-panda.css -a stylesdir=./stylesheets er.adoc`

Source Code

You can add code snippets using the following syntax:

Code Example XML

```
<section>
  <title>Section Title</title> <!--1-->
</section>
```

<1> This notation allows to reference particular sections within the code.

You can alternatively use line numbers to reference a specific section in your code.

Code Example JSON

```

{"menu": {
  "id": "file",
  "value": "File",
  "popup": {
    "menuitem": [
      {"value": "New", "onclick": "CreateNewDoc()"},
      {"value": "Open", "onclick": "OpenDoc()"},
      {"value": "Close", "onclick": "CloseDoc()"}
    ]
  }
}}

```

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

Asciidoc(tor) Syntax Help

Is available e.g. here: [http://asciidoc\(tor\).org/docs/](http://asciidoc(tor).org/docs/)

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

Please use the following syntax to insert citations anywhere in the text:

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

1. doublefootnote:[The double hail-and-rainbow level makes my toes tingle.]
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3. supernumerary
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```

cite:[VanZyl2009]

```

or, if it is more than one citation that should be added at the same location, use

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Then you need to provide all citation information in the file resources/bibtex-file.bib. This file uses the bibtex file format, which is defined in full detail <http://www.bibtex.org/Format/>. The bibtex-style file shall

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```
:bibtex-file: resources/bibtex-file.bib
```

```
:bibtex-style: resources/lncs.csl
```

1. Adding a flag to the asciidoctor conversion command

```
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A full conversion command could look as in the following example:

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