

Installation Instructions for AsciiDoc

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1. Software Requirements and Installation Links to Executables/Binaries

To write AsciiDoc (<https://asciidoctor.org/>) markup documents and compile to other formats [1], be able to run the Ruby language (<https://www.ruby-lang.org/en/>) [2]. Refer to official AsciiDoc installation instructions (<https://asciidoctor.org/>) [1] for local machine setup.

2. Installing Gems

2.1. Required

- `gem install asciidoctor` [1]

2.2. Recommended

Syntax Highlighting [3]

- `gem install rouge`
- `gem install pygments.rb`
- `gem install coderay`

Set the appropriate variable (example): `:source-highlighter: rouge`

PDF Output [3]

- `gem install asciidoctor-pdf`

LaTeX Support for Typesetting Mathematics [4]

- `gem install asciidoctor-latex --pre`

BibTeX Files and Citations [5]

- `gem install asciidoctor-bibtex`

AsciiDoxy [6]

- `pip3 install --update asciidoxy`

Bibliography

[1] “Asciidoctor | A Fast, Open Source Text Processor and Publishing Toolchain for Converting AsciiDoc Content to HTML5, DocBook, PDF, and Other Formats.” <https://asciidoctor.org/>.

[2] “Ruby Programming Language.” <https://www.ruby-lang.org/en/>.

[3] “Asciidoctor PDF | Asciidoctor.” <https://asciidoctor.org/docs/asciidoctor-pdf/#importing-pdf-pages>.

[4] “Asciidoctor LaTeX.” Asciidoctor, Mar. 2022.

[5] “Asciidoctor-Bibtex: Bibtex Integration for AsciiDoc.” Asciidoctor, Jan. 2022.

[6] “Installation.” <https://www.asciidoxy.org/getting-started/installation.html>.