

Asciidoctor

Manual Installation

Ruby

On Windows:

- <https://rubyinstaller.org/downloads/>
 - as of 2025-03-12: rubyinstaller-3.4.2-1-x64 (without devkit)
 - **install for local user only**
 - install MSYS2 base installation
 - **reboot computer!**

On RHEL:

Disable default Ruby AppStream module on your system

```
$ sudo dnf module reset ruby -y
```

To specify the module version, use the command:

```
$ sudo yum install @ruby:3.1
```

Asciidoctor

Asciidoctor is a Ruby tool and is therefore installed via Ruby's packet manager gem

- <https://asciidoctor.org/>
- <https://asciidoctor.org/docs/asciidoctor-diagram/>
- <https://asciidoctor.org/docs/asciidoctor-pdf/>

```
$ gem install asciidoctor
$ gem install asciidoctor-diagram
install asciidoctor-kroki
$ gem install asciidoctor-pdf
```

OR: gem



For RAT: Generation of the diagrams will either take place via the ruby gem `asciidoctor-diagram` or `asciidoctor-kroki`. This can be configured via a [documentr variable](#). `asciidoctor-diagram` requires java and graphviz and `asciidoctor-kroki` requires communication to a kroki server.

Offline Installation of gems

If no direct network connection is available, you can use [Bundler.io](#) to export packages and their dependencies from an online PC.

1. [Download bundler from rubygems](#) (latest version at the moment is v2.5.7) and install it locally via

```
$ gem install --force --local bundler-2.5.7.gem
```

2. Download our ready-made [Bundler package for local \(offline\) installation](#) containing all necessary gems. Extract the archive to a local directory.

3. Run the following command from the above directory where the Gemfile, Gemfile.lock and the /vendor/cache/ subdirectory are available:

```
$ bundle install --local
```

Package based Installation (Linux)

Example based on Red Hat Enterprise Linux 8.7.

```
$ sudo dnf install asciidoc
```



It's not yet clear if further steps are necessary to install asciidoctor-diagram and asciidoctor-pdf.

PlantUML / GraphViz

See [PlantUML](#)

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