

# Asciidoctor

## Manual Installation

### Ruby

On Windows:

- <https://rubyinstaller.org/downloads/>
  - as of 2023-03-28: rubyinstaller-3.2.1-1-x64 (without devkit)
  - 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
$ gem install asciidoctor-pdf
```

#### Offline Installation of gems

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

1. [Download bundler from rubygems](https://bundler.io) (latest version at the moment is v2.1.4) and install it locally via

```
$ gem install --force --local bundler-2.1.4.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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Last update: **2023/08/22 15:25**

