

# AsciiDoc introduction

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# Table of Contents

Formatting .....	1
Headers.....	1
Header level 1 .....	1
Header level 2 .....	1
Text formatting.....	1
Paragraphs.....	1
Lists .....	2
Special annotations TIP, IMPORTANT, WARNING, CAUTION, NOTE .....	3
Icons .....	3
Tables .....	3
Blocks .....	3
Links .....	4
Images.....	4
Advanced features .....	4
Includes .....	5
Attributes .....	5
Diagrams.....	5
Benefits .....	5
Links .....	5

A short overview over the capabilities of the AsciiDoc markup language and benefits of using it for software documentation.

# Formatting

Text formatting in AsciiDoc works similar to markdown (JIRA, github) or wikitext (wikipedia):

## Headers

There are 5 levels of headers:

# Header level 1

## Header level 2

### Header level 3

#### Header level 4

##### Header level 5

## Text formatting

normal, *italic*, **bold**, **mono**.

“double quoted”, ‘single quoted’.

normal, <sup>super</sup>, <sub>sub</sub>.

© ® ™ — … → ← ⇒ ⇐ ¶

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## Paragraphs

*normal linewrapped paragraph*

Vogon poetry is, of course, the third worst in the universe. The second worst is that of the Azgoths of Kria. During a recitation by their poet master Grunthos the Flatulent of his poem "Ode to a Small Lump of Green Putty I Found in My Armpit One Midsummer Morning", four of the audience members died of internal hemorrhaging and the president of the Mid- Galactic Arts Nobbling Council survived only by gnawing one of his own legs off.

### *literal paragraph*

Oh freddled gruntbuggly,  
Thy micturations are to me,  
As plurdled gabbleblotchits,  
On a lurgid bee,  
That mordiously hath blurted out,  
Its earted jurtles,  
Into a rancid festering confectionous organ squealer.

## Lists

### *Bullet list*

- first
  - first a
- second
  - second a
  - second b

### *Ordered list*

1. first
2. second
  - a. sub
  - b. another sub

### *Forced ordered list*

- a. first
  1. sub
  2. sub
- b. second

### *Labeled list / definition list*

#### **Greenery**

Pantone 15-0343 (#88B04B)

#### **Serenity**

Pantone 15-3913 (#92A8D1)

#### **Rose Quartz**

Pantone 13-1520 (#F7CAC9)

# Special annotations TIP, IMPORTANT, WARNING, CAUTION, NOTE



Always commit and push code before going on a vacation!

## Icons

Place [Font Awesome](#) icons inline  in the text.

## Tables

*Table 1. Simple example table*

Col 1	Col 2	Col 3
1	Item 1	a
2	Item 2	b
3	Item 3	c
6	Three items	d

*Table 2. CSV data, styling*

id	type	user	date
123456	b	256	2017-06-21
123457	b	6411	2017-06-20

## Blocks

*Listing block for plain text*

```
GNU GENERAL PUBLIC LICENSE
```

```
Version 3, 29 June 2007
```

```
Copyright © 2007 Free Software Foundation, Inc. <http://fsf.org/>
```

```
Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.
```

```
Preamble
```

```
The GNU General Public License is a free, copyleft license for software and other
kinds of works.
```

```
protected void reloadData() {  
    if (mOnFragmentReloadedListener != null) {  
        mOnFragmentReloadedListener.onFragmentReloaded();  
    }  
}
```

### Sidebar block

AsciiDoc was first released in Nov 2002 by Stuart Rackham. It was designed from the start to be a shorthand syntax for producing professional documents like DocBook and LaTeX.

### Quote block

Never attribute to malice that which can be adequately explained by stupidity.

— Hanlon's razor, [https://en.wikipedia.org/wiki/Hanlon's\\_razor](https://en.wikipedia.org/wiki/Hanlon's_razor)

### More

NOTE/TIP/CAUTION/... block, example block, literal block, passthrough block

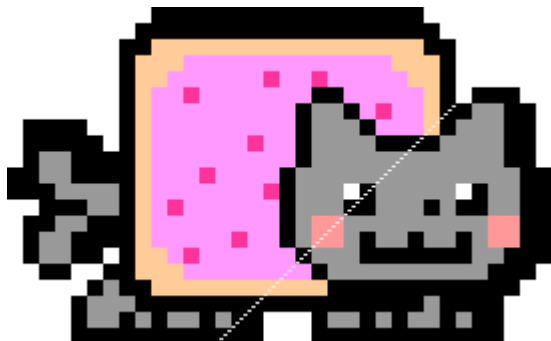
## Links

You can place [links to anchors](#) in the same document.

Relative [links to other documents](#) and links to [internet resources](#) are also possible.

## Images

Images can be embedded in full size, as thumbnails or inline:



## Advanced features

# Includes

Create modular documents by including common blocks

# Attributes

*Predefined attributes*

The author of this text is Hannes Rohde <[hannes.rohde@mailbox.org](mailto:hannes.rohde@mailbox.org)>.

*Define attributes on the fly*

My favorite color is green.

# Diagrams

Diagrams can be created in [GraphViz](#):

[diag 6778f082cb82341552486e256631659c] | *diag-6778f082cb82341552486e256631659c.png*

or [dita](#):

[diag 410e42cf2bf45d246e4b2998bdd1c791] | *diag-410e42cf2bf45d246e4b2998bdd1c791.png*

or [PlantUML](#):

[diag 51b0c2caca7cc1def8a4cbb334bc230e] | *diag-51b0c2caca7cc1def8a4cbb334bc230e.png*

# Benefits

- Shared repo for code and docs → no more outdated documentation
- Readable source code
- Good tool support (IntelliJ plugin, github, asciidocfx...)
- AsciiDoctor + Gradle = toolchain for Jenkins
- Export to HTML, docbook, PDF, EPUB

# Links

**AsciiDoc Writer's Guide**

<http://asciidoctor.org/docs/asciidoc-writers-guide/>

**AsciiDoc cheat sheet**

<https://powerman.name/doc/asciidoc>

**Live javascript interpreter**

<https://asciidoclive.com/>

**asciidocfx**

<http://asciidocfx.com>

**This presentation**

<https://github.com/hannesrohde/asciidocdemo>