Docs-as-Code with
AsciiDoc & docToolchain
A journey to the limits

07.02.2021 | FOSDEM
About docToolchain

What it is and why does it matter?
Basic Docs-as-Code with AsciIDoc
Basic Docs-as-Code with Asciidoc

Your solution architecture documentation can be read with asciidoctor.
Basic Docs-as-Code with Asciidoc

Your solution architecture documentation is derived from the arc42 asciidoc template using asciidoctor.
Basic Docs-as-Code with Asciidoc

arc42 asciidoc template

is derived from

your solution architecture documentation

read

asciidoctor

generate HTML

HTML5
Basic Docs-as-Code with AsciidoC
Basic Docs-as-Code with AsciiDoc

arc42 asciidoc template

is derived from

your solution architecture documentation

asciidoc

is

read

diagram plugin

pdf plugin

plantUML

generate PDF

generate HTML

PDF

HTML5
Basic Docs-as-Code with AsciIDoc & docToolchain

arc42 asciidoc template
is derived from
your solution architecture documentation

asciidoc

arc42 asciidoc template
is derived from
your solution architecture documentation

pdf plugin
plantUML
diagram plugin

asciidoctor

generate PDF
generate HTML

PDF
HTML5

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Basic Docs-as-Code with AsciiDoc & docToolchain

Legend:
- your documentation
- output document
- plugin, template, or conversion tool

Diagram:
- Include your solution architecture documentation
- Read and fix encoding, prepend filename
- arc42 asciidoc template is derived from
- asciidoctor generates PDF and HTML
- Diagram plugin, PDF plugin, plantUML, reveal.js template
- DocBook generates HTML5
- Publish to Confluence
- HTMLSanityCheck
- Convert to Docx
- Convert to Epub
- Include PNGs
Basic Docs-as-Code with AsciIDoc & docToolchain
Basic Docs-as-Code with Asciidoc & docToolchain

Legend:
- yellow: your documentation
- cyan: output document
- green: intermediate document
- red: build task
- blue: software component
- grey: proposed
- purple: under version control

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Basic Docs-as-Code with AsciIDoc & docToolchain
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- Visio Project
  - exportVisio

- ppt-Presentation
  - exportPPT

- xlsx-Sheet
  - exportExcel

- Markdown
  - exportMarkdown

- diagrams.net plugin

- OpenAPI.yaml
  - exportOpenAPI

- Speaker-Notes

- Slide as JPG

- Worksheets as csv and adoc

- Asciidoc

- diagrams.net file

- OpenAPI.adoc
Basic Docs-as-Code with AsciIDoc & docToolchain
Demo

Check out the recording for the demo
Thank you for your Attention!

Visit doctoolchain.github.io or follow me on twitter @RalfDMueller for more information.

Thanx to all Contributors and Sponsors!