

My Presentation Creation Stack with AsciiDoc

PLUG

2021Jul08 @ 19:00

Big Blue Button

der.hans (https://floss.social/@FLOX_advocate)

CDE

Object Rocket, a rackspace company

<https://www.ObjectRocket.com/>

Yes, we're hiring :)

ObjectRocket

<https://www.objectrocket.com/careers/>

Rackspace Technologies

<https://rackspace.jobs/>

Upcoming Conferences and Presentations



Some Upcoming and Previous Talks and Publications

- <https://www.LuftHans.com/talks>
- GeekBeacon Fest
 - Fediverse: Decentralized Social Networking and Services
 - 2021Oct16

Open Calls for Participation

- Free Software Stammtisch career night resume reviews - 2021Jul20
 - <https://gettogether.community/events/10921/floss-jobs-networking-event/>

- SeaGL call for proposals
 - <https://seagl.org/news/2021/06/24/cfp.html>
- SeaGL volunteering
 - https://seagl.org/get_involved.html
- Privacy Week 2021 call for proposals
 - <https://cfp.privacyweek.at/pw21/cfp>
- LibreOffice call for proposals
 - <https://blog.documentfoundation.org/blog/2021/06/30/extended-libreoffice-conference-cfp/>

This is a story

What is AsciiDoc?

- Text-based markup language for creating formatted books and documents

Supported Features

- title page
- variables
- include files
- pages / slides
- lists
- images
- text blocks
- checklists
- headers/footers

Where is AsciiDoc Used?



Figure 1. "You're soaking in it."

Where Is It Usable Today?

- your computer :)
- GitHub and GitHub wiki
- GitLab
- Drupal, WordPress, ikiwiki
- many text editors

Some Output Formats

- html
- JavaScript-based web presentation
- DocBook
- man page
- ODF
- ePub
- PDF

Some History

- DocBook

Samples

short examples of AsciiDoc markup

```
== Header / Page
* item
** subitem

image::PLUG_mascot.png[alttext,width=50]

http://AsciiDoc.org/[link to AsciiDoc site]

// commented line
```

- item
 - subitem



link to AsciiDoc site

Assets

- plain text
- diffs
- revision control
- easy edits
- easy forks
- header info
- variables
- include files
- olps
- syntax highlighting

Drawbacks

- need CSS to change colors, fonts, etc.
- image placement is limited
- limited transitions, effects
- no WYSIWIG
- finding people
- background image on BBB

Syntax Highlighting

shell script snippet as KeePassXC passphrase example

```
if [ 'FALSE' == "$this_is_not_a_password" ] ; then
    echo "that's a double negative"
else
    grep -Eo '^[^:]+' /etc/passwd | head -3
fi
```

Presentation Formats I Currently Use

- PDF
 - generally works well for video conferencing
 - especially BigBlueButton
 - greppableish
- slidy html
 - requires JavaScript
 - single file html

Conversion Example: PDF

Using the asciidoctor implementation:

```
asciidoctor-pdf -d book presentation.adoc
```


Conversion Example: slidy html

Using the original asciidoc implementation:

```
asciidoc --backend=slidy presentation.adoc
```

```
sed -i -re 's/_image_height(+)" /", height=\1/' presentation.html
```

A Few Syntax Notes For Presentations

- use a second level header for a new slide (==)
- use a third level header or lower for headers on a slide (==)
- use blank lines or a trailing plus on a line to insert a newline
- olps - one line per sentence

A Few Syntax Examples For Presentations

```
== A Few Syntax Examples For Presentations  
=== Examples
```

```
Lines are joined.  
So one line per sentence.
```

```
* use a blank line
```

```
* for newline in output
```

```
* use a trailing space plus +
```

```
** for no blank line +
```

```
** method of newline in output
```

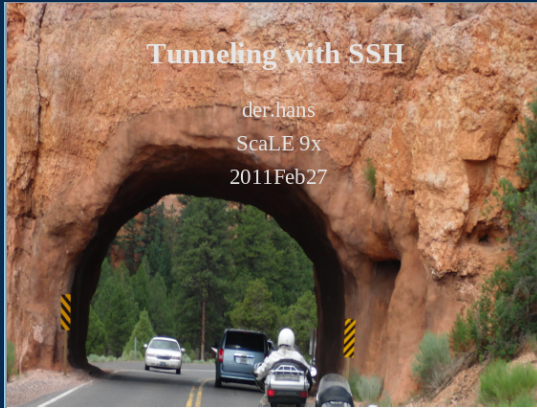
A Few Syntax Examples For Presentations Output

Examples

Lines are joined. So one line per sentence.

- use a blank line
- for newline in output
- use a trailing space plus
 - for no blank line
 - method of newline in output

The Beginnings: LibreOffice



Presumed Knowledge

- Basic SSH usage
- Filesystem permissions required by SSH
- Basic SSH key and fingerprint usage

Various Text, HTML and PDF

- Plain text in xterm
 - great for shell demos, not so great for readability or audience following presentation
- Static HTML
 - Plain web pages invariably leads to lots of scrollbar scrolling
- PDF letter document
 - PDF letter pages invariably leads to lots of scrollbar scrolling

Classroom Management Systems

- Moodle
 - Loved GIFT markup for creating quizzes and tests
 - Still web pages, so lots of scrollbar scrolling
- Canvas
 - Still web pages, so lots of scrollbar scrolling

AsciiDoc slidy

someconf
YYYYMonDD @ 19:00
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AsciiDoc PDF

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Outside the AsciiDoc

Put images and other resources in a sub-directory

Use includes to re-use content

YAML theming files

My file tree

- presentation directory
 - AsciiDoc presentation file
 - resources directory for images, includes and themes
 - build directory for converting to PDF or slidy
 - build script for converting to PDF or slidy
 - proposals directory
 - various notes and experiments files

Suggestions

- define headers
- use variables
- use include files
- embed notes
- use revision control

Headers

```
:title: My Presentation Creation Stack with AsciiDoc
:author: der.hans
:author_contact: https://floss.social/@FLOX\_advocate
:author_website: https://www.LuftHans.com/talks/
:copyright: (C) 2021 der.hans
:license: CC BY-SA 4.0 unported
:presentation_license: CC BY-SA 4.0 unported
:file_license: CC BY-SA 4.0 unported
:website: https://www.LuftHans.com/talks/
:source-highlighter: pygments
:imagesdir: resources
:pdf-page-size: 9in x 6in
:page_numbering_start_at: 2112
:notitle:
```

Variables

```
:date: 2021Jul08
:conference: PLUG
:presentation_date_time: 2021Jul08 @ 19:00
:presentation_location: Big Blue Button
:file_license: CC BY-SA 4.0 unported
```

```
== {title}
```

```
{conference} +
{presentation_date_time} +
{presentation_location}
```

Include files

```
include::resources/conf_header.adoc[]
```

```
include::resources/contact_infos.adoc[]
```

Embed notes

```
// Note: say something witty during this slide
```

```
grep -E '^=|^// Note:' "$adocFile" | sed -re 's/^= .*\/\n&/'
```


Use revision control

Easy diffing with plain text :)

Slide footers

- defined in the yaml theme files

Theming via yaml

```
asciidoctor-pdf -a pdf-stylesdir=resources/themes -a pdf-style=presentation-  
theme.yml -d book presentation.adoc
```

der.hans on Social Media / Fediverse

- FLOX_advocate on Mastodon
 - https://floss.social/@FLOX_advocate
- LuftHans on Libera.chat IRC
 - usually in #SeaGL, #PLUGaz and #LOPSA



Thank You

Credits



- <https://frugalsos.com/home-and-family/madge-the-manicurist-palmolive/>

AsciiDoc Resources

- <http://asciidoc.org/> - AsciiDoc site
- <http://asciidoc.org/asciidoc.txt> AsciiDoc documentation in AsciiDoc
- <http://asciidoctor.org/> Ruby AsciiDoc processor with good AsciiDoc documentation
- <http://asciidoctor.org/docs/asciidoc-syntax-quick-reference/> AsciiDoc Syntax Quick Reference
- <https://github.com/powerman/asciidoc-cheatsheet/wiki> GitHub Wiki AsciiDoc cheatsheet
- <https://matklad.github.io/2019/05/19/consider-using-asciidoctor-for-your-next-presentation.html> Someone else's take on using AsciiDoc for presentations
- <https://dzone.com/articles/presentation-as-code-why-i-abandoned-powerpoint> Yet someone else's take on using AsciiDoc for presentations

Resources

- LibreOffice conference logo contest - deadline 2021Jul27
- LibreOffice Conference cfp - deadline 2021Jul18