

Asciinurse, a graduated caretaker for Asciidoctor patients

Christoph Görn

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Asciinurse

Doctor, I will keep your HTML5 clean, and convert to it whenever you change an AsciiDoc file.

— The Asciinurse, github.com



Figure 1. The Asciinurse

Her mission

She is a little tool, that will monitor your asciidoctor working directory for changes and convert the file set to html5 over and over again.

Asciinurse is free software and is licenced under the terms of the GNU General Public License version 2 (GPLv2).

Documentation

You are right now looking at it, this file is located at <https://goern.github.io/asciinurse/> and can also be downloaded as [PDF](#).

Get her, now!

I provide ready to use docker container images of Asciiinurse, please use `docker pull b4mad/asciiinurse` to get the latest version docker container image. [Detailed information](#) on the versions available at [docker.com](#) and [Asciiinurse's github repo](#) is also free for everyone.

Usage

Asciinurse could be used as a service that will convert your Asciidoc to html5 and utilize livereload of your browser view. Or she can generate a PDF for you, eg after you have finished editing your document.

I want her to constantly serve me

To start asciinurse's service just run `docker run --rm -t -i -v $PWD:/data -v /etc/localtime:/etc/localtime b4mad/asciinurse` within the directory you have your asciidoctor stuff in... it should download a few image layers (it's hosted/build on hub.docker.com) on first start (like 1GB, sorry for that). And hopefully it is available on your local docker registry, if not: build it or pull it!

Now, if you change something within your Asciidoc and save the file, she will take care of it and convert it to HTML5. Dita diagrams are supported.

Stop the service container by ctrl-c.

Given all that, you may want to put a handy alias in your `.bashrc`, something like `alias asciinurse='docker run --rm --tty --interactive -v $PWD:/data -v /etc/localtime:/etc/localtime b4mad/asciinurse'`.

I need a PDF, please.

Starting with version 1.2.0 asciidoctor-pdf is included and may be used to generate PDF output. This is not supported when running as a service. To convert `somefile.adoc` to PDF you need to call (don't forget to make an alias for that too) `docker run --rm -t -i -v $PWD:/data -v /etc/localtime:/etc/localtime asciinurse asciidoctor-pdf -v somefile.adoc`.

If you want to give your PDF a special style, apply a theme: `docker run --rm -t -i -v $PWD:/data -v /etc/localtime:/etc/localtime asciinurse asciidoctor-pdf -a pdf-style=rh-ra -v somefile.adoc`. This theme file needs to be included in the asciinurse container image. Here is a list of themes included:

Table 1. Asciinurse themes

theme name	purpose
rh-ra	Red Hat reference architecture

Implementation

She is implemented using a container to separate the asciidoctor software stack from the rest of your software/system, because we dont like software polution and love service containers.

So what asciinurse really is: a Fedora 22 based installation of asciidoctor, asciidoctor-diagramm, asciidoctor-pdf and guard. And all it's dependencies.

Changes

I try to keep log of the changes and try to use some [GNU-like style](#).

Version 1.3.0 (2015-06-18)

- goern: added a asciidoctor-pdf theme that will produce something that looks like a Red Hat Reference Architecture document. Many thanks to rlopez for providing the basics.

Version 1.2.0 (2015-06-18)

- added [asciidoctor-pdf](#) so that we can use `docker run --rm -t -i -v $PWD:/data -v /etc/localtime:/etc/localtime asciinurse asciidoctor-pdf -v <SOMEFILENAME>` to convert from adoc to pdf

Version 1.1.1 (2015-06-16)

- changed the Dockerfile to be based on Fedora 22

Version 1.0.2 (2015-04-23)

- goern: added some more docs and bumped to Version 1.0.2