

Cellular Network Infrastructure - Feature #4132

idea: osmo-gsm-manuals: use asciidoctor-pdf instead of a2x

07/29/2019 07:38 AM - osmith

Status:	New	Start date:	07/29/2019
Priority:	Low	Due date:	
Assignee:	osmith	% Done:	0%
Category:			
Target version:			
Spec Reference:			
Description			
<p>Right now we are using a2x to convert from asciidoc to pdf. This means, that actually we are going through the following chain of conversions:</p>			
<p>adoc -> docbook -> latex -> pdf</p>			
<p>As described here: http://asciidoc.org/publishing-ebooks-with-asciidoc.html</p>			
<p>If we used asciidoctor-pdf instead, we could directly convert to pdf:</p>			
<p>adoc -> pdf</p>			
<p>https://github.com/asciidoctor/asciidoctor-pdf</p>			
<p>In theory, we should need a lot less dependencies then, have the conversion go faster and less sources for errors. We could hopefully remove this part, for example:</p>			
<pre>a2x \$(A2X_OPTS) \$(notdir \$<) (echo "ERROR: a2x failed! Running asciidoc to get verbose errors..."; \ asciidoc -v \$(ASCIIDOC_OPTS) \$(notdir \$<); exit 1)</pre>			
<p>https://git.osmocom.org/osmo-gsm-manuals/tree/build/Makefile.asciidoc.inc?id=abadcd5f8a663695b6c8d0d249806e81116570e7#n76</p>			
<p>The downside is, that currently asciidoctor-pdf is only available from debian 10 (buster) onwards:</p>			
<p>https://packages.debian.org/search?keywords=asciidoctor%2Dpdf</p>			
<p>Maybe we can adopt this at some point in the future, when asciidoctor-pdf is included in the oldest debian release that we support.</p>			