

libretools - Bug #2116

[libretools][librechroot] uses wrong locale setting

2018-12-13 03:11 AM - Megver83

Status: open	% Done: 0%
Priority: bug	
Assignee: lukeshu	
Category:	
Description	
<p>Whenever you create a new chroot, the only locales generated by locale-gen are en_US.UTF-8 and de_DE.UTF-8. However, as some devs (like me) may use other locales in their main systems, then it occurs an error with the chroot locale setting (or is this a feature?):</p>	
<pre>(main)\$ locale LANG=es_CL.UTF-8 LC_CTYPE="es_CL.UTF-8" LC_NUMERIC="es_CL.UTF-8" LC_TIME="es_CL.UTF-8" LC_COLLATE="es_CL.UTF-8" LC_MONETARY="es_CL.UTF-8" LC_MESSAGES="es_CL.UTF-8" LC_PAPER="es_CL.UTF-8" LC_NAME="es_CL.UTF-8" LC_ADDRESS="es_CL.UTF-8" LC_TELEPHONE="es_CL.UTF-8" LC_MEASUREMENT="es_CL.UTF-8" LC_IDENTIFICATION="es_CL.UTF-8" LC_ALL= (chroot)\$ locale LANG=es_CL.UTF-8 LC_CTYPE="es_CL.UTF-8" LC_NUMERIC="es_CL.UTF-8" LC_TIME="es_CL.UTF-8" LC_COLLATE="es_CL.UTF-8" LC_MONETARY="es_CL.UTF-8" LC_MESSAGES="es_CL.UTF-8" LC_PAPER="es_CL.UTF-8" LC_NAME="es_CL.UTF-8" LC_ADDRESS="es_CL.UTF-8" LC_TELEPHONE="es_CL.UTF-8" LC_MEASUREMENT="es_CL.UTF-8" LC_IDENTIFICATION="es_CL.UTF-8" LC_ALL=</pre>	
<p>This is what happens in my case. The problem with this is that as the chroot doesn't have the correct line in /etc/locale-gen to include my system locale in the chroot, then sphinx-build falls into an error (this is what happens when trying to build the linux-libre documentation):</p>	
<pre>Traceback (most recent call last): File "/usr/bin/sphinx-build", line 11, in <module> load_entry_point('Sphinx==1.8.1', 'console_scripts', 'sphinx-build')() File "/usr/lib/python3.7/site-packages/sphinx/cmd/build.py", line 313, in main locale.setlocale(locale.LC_ALL, '') File "/usr/lib/python3.7/locale.py", line 604, in setlocale return _setlocale(category, locale) locale.Error: unsupported locale setting</pre>	
<p>I solved this by adding es_CL.UTF-8 UTF-8 to /etc/locale.gen to the chroot, and then running locale-gen. However, if there is a way to make the locale use "C" or one of the default locales, it would be better IMO (I think in the past is used to use "C", right?).</p>	

History

#1 - 2018-12-13 03:11 AM - Megver83

- Subject changed from *[libretools][librechroot] fix locale setting* to *[libretools][librechroot] uses wrong locale setting*

#2 - 2018-12-13 03:12 PM - ovrni

- Project changed from *Packages* to *libretools*