Subject: libpng1.4
Posted by dolik.rce on Sat, 30 Jan 2010 16:05:36 GMT

Hello all

I've just accidentally upgraded libpng from 1.2 to 1.4 (accidentally = I activated testing repository on my Arch linux). The expected result of this was, that theide stopped working, because libpng12.so was no longer available.

But there was also one unexpected result (and that's why I'm posting this): plugin/png fails to compile. The reason is that in uppsrc/plugin/png/pngupp.cpp, lines 429-431 say #ifdef PNG_iTXt_SUPPORTED
text_ptr[0].lang = NULL;
#endifSo far this was OK, since PNG_iTXt_SUPPORTED was false by default, but as of 1.4, iTXt is enabled by default (see http://www.libpng.org/pub/png/src/libpng-1.2.x-to-1.4.x-summ ary.txt, so it fails on undefined text_ptr.

I'm not sure what is the reason or function of this, but I believe that we don't really use it Commenting these three lines solves the problem.

Could someone with commit rights change this in svn please?

Best regards,
Honza

Subject: Re: libpng1.4
Posted by dolik.rce on Sat, 13 Mar 2010 19:48:09 GMT

After recent changes U++ still doesn't work with libpng1.4. The only necessary change is commenting out or deleting following in pngupp.cpp: #ifdef PNG_iTXt_SUPPORTED
  text_ptr[0].lang = NULL;
  #endif
Could someone do this, please? The line makes no sense there anyway...

Honza