Qlik Sense Mobile

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May 2022

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- Version: 0.3.2
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Torch Cephes Math Library

- URL: https://github.com/deepmind/torch-cephes
- Version: 2.8.0.10
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==== NOTE ====
The actual cephes library, shipped with and wrapped by this package, is available on The Netlib at http://www.netlib.org/cephes/.
It does not have any license specified. However, its original authors, Stephen Moshier, has kindly granted permission for inclusion in a BSD-licensed package. See email snippet below for reference.

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Julien, thank you for writing.

BSD license is fine, modification is OK.

There are more build scripts available in the web site distributions than there are on the Netlib. I think there is an update to Planck’s radiation function that I haven’t sent to Netlib yet. But Netlib is a more stable site, so it is better to cite that as a reference.

On Mon, 21 Oct 2013, Julien Cornebise wrote:

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

Dear Mr Moshier

I am a researcher in mathematics and machine learning in London, and am writing about your awesome Cephes library, whom I found at the heart of Scipy.
It is so useful that, with your permission, I would like to wrap it for Lua and Torch (a machine learning overlay to Lua, specialized in neural nets, see http://www.torch.ch). I would like to distribute it as a package for Torch, including your source code along the wrapping code. This would be a public package, distributed under BSD License. I have put a first draft on github: https://github.com/jucor/torch-cephes

Hence my three questions, please:

1/ How would you like to be acknowledged, beyond the comments that are already in your code? Do you have any standard header/disclaimer that I could add to the documentation?

2/ At the moment, your code is left untouched. However, if I ever need to modify bits of the code, what are the conditions/restrictions? Nothing huge -- I definitely do not want to mess with it: I was planning to use the natural completion of some functions on the completed real line (e.g. CDF returning 1 when called with "infinity", or quantiles returning -Infinity when called with 0), either natively if supported, or by setting a specific flag via mtherr().

3/ I am currently using the source from Netlib. Do you recommend using the source from your website instead?

Thank you very much for your attention, and, more importantly, for the time and effort your poured into Cephes.

Best regards,

Julien Cornebise, Ph.D.
London, UK
http://www.cornebise.com/julien

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.7 of 27 June 2019

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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   b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user’s computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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