

Lasso - Bug #4455

perl binding and / or lasso not working on debian wheezy 32 bits

12 mars 2014 16:27 - David Coutadeur

Statut:	Fermé	Début:	12 mars 2014
Priorité:	Normal	Echéance:	
Assigné à:		% réalisé:	0%
Catégorie:	Binding perl	Temps estimé:	0:00 heure
Version cible:	2.4.0	Planning:	
Patch proposé:			
Description			
Hi all,			
I first noticed this bug when installing liblasso-perl package on debian wheezy 32 bits. Package is working in wheezy 64 bits and squeeze.			
The error is present in both 2.3.6 debian package and 2.4.0 compiled version:			
Not a CODE reference at /usr/lib/perl/5.14/DynaLoader.pm line 207. END failed--call queue aborted at bindings/perl/blib/lib/Lasso.pm line 207.			
You can find attached some warnings when compiling... Maybe it can help.			

Historique

#1 - 12 mars 2014 16:38 - Benjamin Dauvergne

- Assigné à Benjamin Dauvergne supprimé

Please do not assign bug to people without their agreement.

#2 - 12 mars 2014 16:41 - David Coutadeur

Sorry, this is a mistake.

#3 - 12 mars 2014 16:44 - Benjamin Dauvergne

The compilation log is not useful. I think you will need to obtain a proper traceback and maybe to print the problematic reference if you want to advance on this bug. There is not a lot of commits on the perl binding tree, maybe you could pinpoint which commit introduced this regression by doing some git-bisecting between the 2.3.6 and 2.4.0 release.

#4 - 12 mars 2014 17:09 - David Coutadeur

In fact, I do reproduce the bug in 2.3.6 version, compiled on debian wheezy 32bits.

Not a CODE reference at /usr/share/perl/5.14/XSLoader.pm line 95.
END failed--call queue aborted at /usr/local/lib/perl/5.14.2/Lasso.pm line 95.

Si it is harder to point where the bug is...Do you know how I could easily get the traceback or the problematic reference ?

#5 - 12 mars 2014 17:13 - Benjamin Dauvergne

So maybe the problem do not come from a change in Lasso but a change in Perl...

#6 - 13 mars 2014 10:16 - Clément Oudot

Hi Benjamin,

seems the Perl version is the same for Wheezy 32bits and Wheezy 64bits: <https://packages.debian.org/wheezy/perl>

Could this not be a problem in the Lasso XS code?

#7 - 13 mars 2014 10:24 - Benjamin Dauvergne

As LemonLDAP::NG is only the user of the Perl binding, you cannot expect any outside experience. What's the last version of lasso whose Perl binding worked on a Debian platform and what version of Debian was this platform using ?

That could help you for determining what changed on Perl side that broke the XS code which did not change in the meantime (last change to the XS generator is from 2010).

#8 - 13 mars 2014 10:32 - Clément Oudot

I don't know if LemonLDAP::NG is the only project that use the Perl binding. A recent message in the mailing list shows that someone else would like to give it a try. Anyway, I hope you will still support it.

I have a working Lasso perl binding on a Debian Squeeze 32 bits, and David has a working configuraiton on Wheezy 64 bits. My Ubuntu 12.04 (wheezy/sid) 64 bits Lasso installation works also very well.

I am not familiar with the XS code, I am not sure to be able to debug it.

#9 - 13 mars 2014 10:50 - Benjamin Dauvergne

Clément Oudot a écrit :

I don't know if LemonLDAP::NG is the only project that use the Perl binding. A recent message in the mailing list shows that someone else would like to give it a try. Anyway, I hope you will still support it.

We won't. It's a free software project, user must support (not only code, documentation, packaging or really clean bug report are included are great contributions) code they are using or it's gonna rotte. We do work on what we need; if nobody provide a patch to fix perl lasso binding on Debian in the future, the package will someday disapear, that's how it works. There was a C# binding and windows compilation support a long time ago, now it's gone.

I am not familiar with the XS code, I am not sure to be able to debug it.

I'm not familiar with it anymore; last time I looked at it was at least two years ago and I never use Perl myself. If I could provide easily any direct insight for fixing this bug I would. So do some detailed analysis of the problem (I haven't seen any until now) or buy support but do not expect anything more than guidance from me based on what you report.

#10 - 13 mars 2014 11:03 - Clément Oudot

I'm petty sad to read that. I know what free software is, and what it cost to maintain it.

We will try to do our best to dig into the bug anyway.

#11 - 13 mars 2014 11:12 - Benjamin Dauvergne

Clément Oudot a écrit :

I'm petty sad to read that. I know what free software is, and what it cost to maintain it.

Don't be, weather is great today in Paris, I hope it is too in Lyon.

We will try to do our best to dig into the bug anyway.

Great. I'll read your reports and give insight if I can.

#12 - 31 mars 2014 10:48 - Frédéric Péters

- Fichier 0001-perl-get-required-CFLAGS-from-perl-V-cflags.patch ajouté

Thanks to input from Niko Tyni in Debian (he pointed to <https://bugs.debian.org/628522>) here comes the attached patch, it has been successfully tested.

#13 - 31 mars 2014 11:16 - Benjamin Dauvergne

- Statut changé de Nouveau à Fermé

Great it's pushed.

Fichiers

lasso-compilation.log	14,6 ko	12 mars 2014	David Coutadeur
0001-perl-get-required-CFLAGS-from-perl-V-cflags.patch	963 octets	31 mars 2014	Frédéric Péters