

## Lasso - Bug #11377

### configure.ac hardcodes CFLAGS to empty string, fails to respect build environment

15 juin 2016 22:30 - John Dennis

<b>Statut:</b>	Fermé	<b>Début:</b>	15 juin 2016
<b>Priorité:</b>	Normal	<b>Echéance:</b>	
<b>Assigné à:</b>		<b>% réalisé:</b>	0%
<b>Catégorie:</b>		<b>Temps estimé:</b>	0:00 heure
<b>Version cible:</b>		<b>Planning:</b>	
<b>Patch proposé:</b>	Non		
<b>Description</b>			
<p>CFLAGS is initialized to the empty string in configure.ac, this effectively turned off user supplied values for CFLAGS preventing site specific values from being used. A further complicating factor was of all the user supplied values documented in Automake only CFLAGS was disabled allowing all other user supplied variables to take effect. Some variables must be coordinated (e.g. CFLAGS with LDFLAGS), the fact LDFLAGS was picked up from the environment but CFLAGS was discarded caused build failures due to incompatible combination of compiler and linker options.</p> <p>The problem was first introduced in commit: 73d9c98f "Reset CFLAGS when --enable-debugging is used". This patch simply removes hardcoding CFLAGS to the empty string and appends the debug options (--enable-debugging) to the existing CFLAGS.</p> <p>Proper use of the variables is described in the Automake documentation in the section "Flag Variables Ordering" <a href="https://www.gnu.org/software/automake/manual/html_node/Flag-Variables-Ordering.html">https://www.gnu.org/software/automake/manual/html_node/Flag-Variables-Ordering.html</a></p>			

#### Historique

##### #1 - 15 juin 2016 22:32 - John Dennis

- Fichier 0001-enable-user-supplied-CFLAGS.patch ajouté

##### #2 - 15 juin 2016 22:43 - Benjamin Dauvergne

- Statut changé de Nouveau à Fermé

Thanks.

```
commit ed74f24155635beeae2312fe589366e77827be94
Author: John Dennis <jdennis@redhat.com>
Date: Wed Jun 15 11:50:24 2016 -0400
```

```
enable user supplied CFLAGS
```

```
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effectively turned off user supplied values for CFLAGS preventing site
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all the user supplied values documented in Automake only CFLAGS was
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Proper use of the variables is described in the Automake documentation
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[https://www.gnu.org/software/automake/manual/html\\_node/Flag-Variables-Ordering.html](https://www.gnu.org/software/automake/manual/html_node/Flag-Variables-Ordering.html)

Although the Automake documentation claims manipulating CFLAGS directly is improper use there are many examples of this in the existing `configure.ac`, this patch makes no attempt at addressing this issue, rather it makes existing usage consistent. In the particular case of debug flags appending to CFLAGS is probably the only valid solution because the debug flags must appear at the end of the list of flags in order to override earlier flags, CFLAGS always appears last in the Makefile (see above Automake doc).

Signed-off-by: John Dennis <[jdennis@redhat.com](mailto:jdennis@redhat.com)>  
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## Fichiers

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0001-enable-user-supplied-CFLAGS.patch	2,46 ko	15 juin 2016	John Dennis
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