

## Lasso - Bug #55510

### Memory leak when using "dump" in Perl binding

10 juillet 2021 13:14 - Maxime Besson

<b>Statut:</b>	Nouveau	<b>Début:</b>	10 juillet 2021
<b>Priorité:</b>	Normal	<b>Echéance:</b>	
<b>Assigné à:</b>		<b>% réalisé:</b>	0%
<b>Catégorie:</b>	Binding perl	<b>Temps estimé:</b>	0:00 heure
<b>Version cible:</b>		<b>Planning:</b>	Non
<b>Patch proposé:</b>	Non		

#### Description

I use Lasso in the context of the LemonLDAP::NG SSO server. Some of our users notice memory leaks in long term processes, forcing us to periodically restart our processes.

I was able to track down one of these memory leaks to this part of the code:

```
if ( $login->is_session_dirty ) {
    $self->logger->debug("Save Lasso session in session");
    $self->p->updateSession( $req,
        { $self->lsDump => $login->get_session->dump },
        $session_id );
}
```

In particular, the ->dump call on a Lasso::Session object. But it seems like the same issue affects all Lasso types (Identity, etc.)

I have attached a simple reproduction script to this ticket, run leak.pl (against Lasso 2.7.0 for instance) and you will see memory climbing. Run the equivalent leak.c and you will not see any (obvious) leaks, so it seems like the issue comes from the perl binding itself. I have tried the python bindings, and it doesn't seem to be affected either.

#### Historique

##### #1 - 12 juillet 2021 15:09 - Benjamin Dauvergne

- Assigné à Benjamin Dauvergne supprimé

If you need support on the perl binding, the best way would be to pay for it; until this time do not assign issue to me. Thank you.

##### #2 - 12 juillet 2021 15:40 - Clément Oudot

Sorry for the assignement.

This issue report is not a support request. We found an issue in the Perl binding, which is used in LemonLDAP::NG, but maybe other softwares use the Perl binding and will face the same issue.

I understand this is a low priority, of course we are available to help resolving this issue.

##### #3 - 19 juillet 2021 10:03 - Maxime Besson

Benjamin, your Redmine is configured to automatically assign new tickets in the "Bindings perl" category to you, I thought it was normal, so I did not remove the assignment, my apologies for the misunderstanding.

##### #4 - 19 juillet 2021 10:05 - Benjamin Dauvergne

Ok, sorry for the rant.

#### Fichiers

leak.c	1,12 ko	10 juillet 2021	Maxime Besson
leak.pl	851 octets	10 juillet 2021	Maxime Besson