

## Arvados - Bug #8905

### [Deployment] arvados-ss0-server deb package unnecessarily depends on "postgresql" meta-package

04/07/2016 12:02 PM - Joshua Randall

<b>Status:</b>	Resolved	<b>Start date:</b>	04/07/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Brett Smith	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2016-06-08 sprint		
<b>Description</b>			
<p>The Arvados SSO server package for Ubuntu precise depends on "postgresql" which is a meta-package that installs the latest version of postgresql.</p> <p>I recently tried to upgrade my Arvados packages by running `apt-get dist-upgrade` as suggested in <a href="https://dev.arvados.org/projects/arvados/wiki/Upgrading_to_master">https://dev.arvados.org/projects/arvados/wiki/Upgrading_to_master</a></p> <p>This broke the database because it tried to install postgresql-9.5 which didn't work because I am using postgresql-9.3 and the configuration for 9.5 conflicts with the port that the 9.5 server would have used (also there would have been no data migration so blindly upgrading the database is probably not a good idea). Subsequently removing postgresql-9.5 to avoid the port conflict also removed arvados-ss0-server because of the dependency on "postgresql" (which after the dist-upgrade only refers to the newest version of postgres, so it doesn't recognise postgresql-9.3 as fulfilling that requirement).</p> <p>Arguably, the arvados-ss0-server package should not depend on postgresql at all. Arvados could be configured to use a postgres instance installed on a different machine, so insisting that it be present locally is unnecessary.</p> <p>In order to get arvados-ss0-server to work again I had to do:</p> <ol style="list-style-type: none"><li>1. apt-get download arvados-ss0-server</li><li>2. dpkg --force-all -i arvados-ss0-server_0.1.20160129211603.ee33cdf-4_amd64.deb</li></ol>			
<b>Related issues:</b>			
Related to Arvados - Story #9309: [Deployment] Make Arvados installable on Ce...		<b>Resolved</b>	<b>05/28/2016</b>
Has duplicate Arvados - Bug #8907: [SSO] package should not depend on postgresql		<b>Duplicate</b>	

#### Associated revisions

##### Revision ad17b44f - 06/03/2016 07:41 PM - Brett Smith

Remove package dependency on PostgreSQL server.

The database server could be on another host, so the package should not require it. Closes #8905. Tom and Ward both approve.

##### Revision 4ed9c484 - 06/03/2016 08:09 PM - Brett Smith

Remove semi-extraneous fpm --iteration from the package.

The iteration did need to be bumped to accommodate the dependency change in the last commit. I came up with 5 by looking at currently published packages, which have a maximum iteration of 4.

However, our build scripts currently set the iteration to 5 already for all Rails packages, and adding it here causes errors in the build process because it comes between two package path specifications, for the LICENSE file and the rest of the package. So don't bother. Refs #8905.

#### History

##### #1 - 04/07/2016 12:04 PM - Joshua Randall

See the note on <https://wiki.postgresql.org/wiki/Apt> regarding the postgresql meta-package:

Note: This repository provides "postgresql", "postgresql-contrib", and "postgresql-client" meta-packages that

depend on the latest postgresql-x.y, ... packages, similar to the ones present in Debian and Ubuntu. Once a new PostgreSQL version is released, these meta-packages will be updated to depend on the new version. If you rather want to stay with a particular PostgreSQL version, you should install specific packages like "postgresql-9.5" instead of "postgresql".

**#2 - 04/15/2016 12:38 AM - Brett Smith**

- Subject changed from *arvados-sso-server deb package unnecessarily depends on "postgresql" meta-package* to *[Deployment] arvados-sso-server deb package unnecessarily depends on "postgresql" meta-package*

I think it wants to depend on something like postgresql-server-dev-all instead, in order to build the client gem.

**#3 - 04/15/2016 12:40 AM - Brett Smith**

- Target version set to *Arvados Future Sprints*

**#4 - 04/26/2016 06:53 PM - Tom Clegg**

- Story points set to *0.5*

**#5 - 06/03/2016 07:41 PM - Brett Smith**

- Status changed from *New* to *In Progress*

- Assigned To set to *Brett Smith*

- Target version changed from *Arvados Future Sprints* to *2016-06-08 sprint*

**#6 - 06/03/2016 07:45 PM - Brett Smith**

- Status changed from *In Progress* to *Resolved*

- % Done changed from *0* to *100*

Applied in changeset sso-provider|commit:ad17b44f3b4d733ed915476d65eebe5e162e4ade.