

## Arvados - Story #2762

### Protect database integrity wrt owner\_uuid

05/07/2014 03:07 PM - Tom Clegg

<b>Status:</b>	Resolved	<b>Start date:</b>	04/21/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Tom Clegg	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2014-05-28 Pipeline Factory		
<b>Description</b>			
<b>Subtasks:</b>			
Task # 2731: Refuse to delete an object that owns other objects.			<b>Resolved</b>
Task # 2730: Refuse to delete an object that is referenced by links.			<b>Resolved</b>
Task # 2807: Review 2762-owner-uuid-integrity			<b>Resolved</b>

#### Associated revisions

##### Revision ea9592e9 - 05/14/2014 06:07 PM - Tom Clegg

Merge branch '2762-owner-uuid-integrity'

closes #2762

##### Revision 057f835f - 05/29/2014 04:48 PM - Tom Clegg

2762: Do not try to auto-destroy referring links when destroying a model with no uuid. refs #2762

#### History

##### #1 - 05/07/2014 03:13 PM - Tom Clegg

- Target version changed from 2014-05-07 Storing and Organizing Data to 2014-05-28 Pipeline Factory

##### #2 - 05/07/2014 04:20 PM - Tom Clegg

- Assigned To set to Tom Clegg

##### #3 - 05/11/2014 03:04 AM - Tom Clegg

- Status changed from New to In Progress

##### #4 - 05/14/2014 01:17 PM - Brett Smith

Should test "change owner from legit #{o\_class} to legit #{new\_o\_class} owner" say new\_o = new\_o\_class.create?

If possible, I think it might improve readability if `destroy_permission_links` and its callback declaration lived in the same place. In other words, either define `destroy_permission_links` in the `HasUuid` module, or declare its `before_destroy` callback in `ArvadosModel`.

Heads-up: Rails 4 split `has_many(dependent: :restrict)` into [two separate values](#). Might be good to figure out which one you prefer and be ready to make the switch when the time comes.

There's trailing whitespace in `can_be_an_owner.rb`. (That header comment that just says "Protect" is also a little enigmatic. :))

Thanks.

##### #5 - 05/14/2014 02:09 PM - Tom Clegg

Brett Smith wrote:

Should test "change owner from legit #{o\_class} to legit #{new\_o\_class} owner" say new\_o = new\_o\_class.create?

Yes, fixed.

If possible, I think it might improve readability if `destroy_permission_links` and its callback declaration lived in the same place. In other words, either define `destroy_permission_links` in the `HasUuid` module, or declare its `before_destroy` callback in `ArvadosModel`.

Yes, fixed (moved to HasUuid).

Heads-up: Rails 4 split has\_many(dependent: :restrict) into [two separate values](#). Might be good to figure out which one you prefer and be ready to make the switch when the time comes.

Saw that. Unfortunately it seems there's no (documented) option that works in both rails3 and rails4 so we just have to notice that tests are failing in rails4, and change to :restrict\_with\_exception.

There's trailing whitespace in can\_be\_an\_owner.rb. (That header comment that just says "Protect" is also a little enigmatic. :))

Ah yes. Wrote the rest of the sentence.

Now @ [fb8dd22](#)

**#6 - 05/14/2014 03:13 PM - Brett Smith**

Tom Clegg wrote:

Brett Smith wrote:

Heads-up: Rails 4 split has\_many(dependent: :restrict) into [two separate values](#). Might be good to figure out which one you prefer and be ready to make the switch when the time comes.

Saw that. Unfortunately it seems there's no (documented) option that works in both rails3 and rails4 so we just have to notice that tests are failing in rails4, and change to :restrict\_with\_exception.

That sounds good to me. I thought it would be good to have a migration plan in mind, but I'm fine with something this rare being manual. Everything looks good to me; please go ahead and merge this. Thanks.

**#7 - 05/14/2014 07:20 PM - Anonymous**

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

- % Done changed from 80 to 100

Applied in changeset arvaodos|commit:ea9592e911a3ccdbbbfeed8812b67e968fe1cc5f.