

Foreman - Bug #4567

Unable to reliably unset all object associations

03/06/2014 11:08 AM - Dominic Cleal

Status: New	
Priority: Normal	
Assignee:	
Category: API	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
<p>I'm trying to remove all associated domains from a subnet, but failing to find a reliable means. None of the examples below actually remove the associated domains, unless I add another domain in the array to replace it.</p>	
<pre>PUT /api/v2/subnets/1 {"domains": []}</pre>	
<pre>PUT /api/v2/subnets/1 {"domain_ids": []}</pre>	
<pre>PUT /api/v2/subnets/1 {"domain_ids": null}</pre>	
Related issues:	
Related to Foreman - Bug #4571: "Domain (..) expected, got ActiveSupport::Has...	New 03/06/2014

History

#1 - 03/06/2014 11:21 AM - Dominic Cleal

<https://github.com/ApiPie/apipie-rails/pull/188> might be relevant or useful here, for keeping empty arrays instead of nil.

#2 - 03/06/2014 11:57 AM - Dominic Cleal

Examples 2 and 3 work fine, but **only** if you wrap the entire object (which isn't meant to be necessary in the API):

```
{"subnet":{"domain_ids": []}}
```

```
{"subnet":{"domain_ids": null}}
```

Example 1 if you wrap it then throws an exception (this may be a separate bug):

```
{"subnet":{"domains": null}}
```

```
undefined method `each' for nil:NilClass (NoMethodError)
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/associations/collect
ion_association.rb:310:in `replace'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/associations/collect
ion_association.rb:41:in `writer'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/associations/builder
/association.rb:51:in `block in define_writers'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/attribute_assignment
.rb:85:in `block in assign_attributes'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/attribute_assignment
.rb:78:in `each'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/attribute_assignment
.rb:78:in `assign_attributes'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/persistence.rb:216:i
n `block in update_attributes'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/transactions.rb:313:
in `block in with_transaction_returning_status'
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/connection_adapters/
```

```
abstract/database_statements.rb:192:in `transaction'  
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/transactions.rb:208:  
in `transaction'  
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/transactions.rb:311:  
in `with_transaction_returning_status'  
/home/dcleal/.rvm/gems/ruby-2.0.0-p247@foreman/gems/activerecord-3.2.17/lib/active_record/persistence.rb:215:i  
n `update_attributes'  
/home/dcleal/code/foreman/foreman/app/controllers/api/v2/subnets_controller.rb:60:in `update'
```

#3 - 03/06/2014 11:58 AM - Dominic Cleal

- Related to Bug #4571: "Domain (..) expected, got ActiveSupport::HashWithIndifferentAccess(..)" when setting associations with wrapped object added