Redmine - Defect #42622

Joining both atom_token and api_token on the User model causes an error due to the ambiguous column name "action"

2025-04-24 10:07 - Lorin Thwaits

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Go MAEDA		**% Done:**	0%
Category:	Database		**Estimated time:**	0.00 hour
Target version:	5.1.9			
Resolution:	Fixed		**Affected version:**	

Description

When using JOINs with the User model, if both atom_token and api_token are utilized like this:

```
User.joins(:atom_token, :api_token)
```

then this error results:

```
#<ActiveRecord::StatementInvalid:"PG::AmbiguousColumn: ERROR:  column reference \"action\" is ambiguous\nLINE 1: ... \"api_tokens_users\".\"user_id\" = \"users\".\"id\" AND (action='ap...\n
```

This can be fixed by prepending the proper table name in the `where` clause on these lines, 92 and 93 in user.rb:

```
  has_one :atom_token, lambda {where "#{table.name}.action='feeds'"}, :class_name => 'Token'
  has_one :api_token, lambda {where "#{table.name}.action='api'"}, :class_name => 'Token'
```

(Note that all that is being added here is #{table.name}.)

When doing this then the resulting SQL turns into:

```
SELECT "users".* FROM "users" INNER JOIN "tokens" ON "tokens"."user_id" = "users"."id" AND (tokens.action='feeds') INNER JOIN "tokens" "api_tokens_users" ON "api_tokens_users"."user_id" = "users"."id" AND (api_tokens_users.action='api') WHERE "users"."type" = $1
```

I have no idea how to create a pull request with SVN to provide this fix, so if someone could do this then awesome :)

Associated revisions

Revision 23712 - 2025-04-25 06:37 - Go MAEDA

Joining both atom_token and api_token on the User model causes an error due to the ambiguous column name "action" (#42622).

Patch by Lorin Thwaits (user:lorint).

Revision 23720 - 2025-04-27 10:13 - Go MAEDA

Merged r23712 from trunk to 6.0-stable (#42622).

Revision 23721 - 2025-04-27 10:18 - Go MAEDA

Merged r23712 from trunk to 5.1-stable (#42622).

History

#1 - 2025-04-24 12:34 - Go MAEDA

- File 42622.patch added

- Subject changed from "PG::AmbiguousColumn: ERROR: column reference \"action\" is ambiguous" to Joining both atom_token and api_token on the User model causes an error due to the ambiguous column name "action"

- Status changed from New to Confirmed

- Target version set to 5.1.9

Thank you for reporting the issue and suggesting the fix.
I am setting the target version to 5.1.9.

#2 - 2025-04-24 12:37 - Marius BĂLTEANU

- Description updated

#3 - 2025-04-24 12:37 - Marius BĂLTEANU

- Description updated

#4 - 2025-04-24 23:09 - Marius BĂLTEANU

Lorin Thwaits wrote:

> I have no idea how to create a pull request with SVN to provide this fix, so if someone could do this then awesome :)

Unfortunately, you can't create a pull request, you need to post it as a patch / diff.

#5 - 2025-04-25 06:38 - Go MAEDA

- Status changed from Confirmed to Resolved

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch in [r23712](#).
Thank you for reporting and fixing the issue.

#6 - 2025-04-27 10:18 - Go MAEDA

- Status changed from Resolved to Closed

Merged the fix into the stable branches in [r23720](#) and [r23721](#).

Files

| 42622.patch | 906 Bytes | 2025-04-24 | Go MAEDA |