

## Arvados - Bug #17587

### [Workbench] home page broken (#<ActionView::Template::Error: cannot execute federated list query with limit, offset, or order parameter [API: 400]>)

04/26/2021 09:43 PM - Ward Vandewege

<b>Status:</b>	Resolved	<b>Start date:</b>	05/04/2021
<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>	2021-05-12 sprint		
<b>Description</b>			
<p>This is happening on Tordo (AWS test cluster), at version 2.2.0~dev20210426141415-1. Tordo is in a LoginCluster federation with ce8i5 (Azure test cluster) as the login cluster.</p> <p>Go to <a href="https://workbench.tordo.arvadosapi.com/">https://workbench.tordo.arvadosapi.com/</a> and log in. The home page is a fiddlesticks with the following backtrace in the logs.</p> <pre>#&lt;ActionView::Template::Error: cannot execute federated list query with limit, offset, or order parameter [API: 400]&gt; /var/www/arvados-workbench/current/app/models/arvados_api_client.rb:180:in `api' /var/www/arvados-workbench/current/app/models/arvados_resource_list.rb:240:in `each_page' /var/www/arvados-workbench/current/app/models/arvados_resource_list.rb:151:in `each' /var/www/arvados-workbench/current/app/controllers/application_controller.rb:921:in `recent_collections' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/abstract_controller/helpers.rb:67:in `recent_collections' /var/www/arvados-workbench/current/app/views/projects/_show_dashboard.html.erb:27:in `_app_views_projects_show_dashboard_html_erb__1029083890495766025_47029307796900' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/template.rb:159:in `block in render' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/notifications.rb:170:in `instrument' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/template.rb:354:in `instrument_render_template' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/template.rb:157:in `render' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/renderer/partial_renderer.rb:344:in `block in render_partial' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/renderer/abstract_renderer.rb:44:in `block in instrument' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/notifications.rb:170:in `instrument' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/renderer/abstract_renderer.rb:43:in `instrument' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/renderer/partial_renderer.rb:333:in `render_partial' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/renderer/partial_renderer.rb:312:in `render' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/renderer/renderer.rb:49:in `render_partial' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/renderer/renderer.rb:23:in `render' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/helpers/rendering_helper.rb:33:in `render' /var/www/arvados-workbench/current/app/views/projects/index.html.erb:10:in `_app_views_projects_index_html_erb__977444551465127700_47029307989520' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/template.rb:159:in `block in render' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/notifications.rb:170:in `instrument' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view/template.rb:354:in `instrument_render_template' /var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view</pre>			

```
/template.rb:157:in `render'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/template_renderer.rb:54:in `block (2 levels) in render_template'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/abstract_renderer.rb:44:in `block in instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_s  
upport/notifications.rb:170:in `instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/abstract_renderer.rb:43:in `instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/template_renderer.rb:53:in `block in render_template'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/template_renderer.rb:61:in `render_with_layout'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/template_renderer.rb:52:in `render_template'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/template_renderer.rb:16:in `render'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/renderer.rb:44:in `render_template'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/renderer/renderer.rb:25:in `render'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/rendering.rb:103:in `_render_template'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/streaming.rb:219:in `_render_template'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/rendering.rb:84:in `render_to_body'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/rendering.rb:52:in `render_to_body'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/renderers.rb:142:in `render_to_body'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/abstract_co  
ntroller/rendering.rb:25:in `render'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/rendering.rb:36:in `render'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/instrumentation.rb:46:in `block (2 levels) in render'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_s  
upport/core_ext/benchmark.rb:14:in `block in ms'  
/usr/lib/ruby/2.5.0/benchmark.rb:308:in `realtime'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_s  
upport/core_ext/benchmark.rb:14:in `ms'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/instrumentation.rb:46:in `block in render'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/instrumentation.rb:87:in `cleanup_view_runtime'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activerecord-5.2.4.5/lib/active_re  
cord/railties/controller_runtime.rb:36:in `cleanup_view_runtime'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/instrumentation.rb:45:in `render'  
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:197:in `block (2 leve  
ls) in render_index'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/mime_responds.rb:203:in `respond_to'  
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:180:in `render_index'  
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:231:in `index'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/basic_implicit_render.rb:6:in `send_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/abstract_co  
ntroller/base.rb:194:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/rendering.rb:30:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/abstract_co  
ntroller/callbacks.rb:42:in `block in process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_s  
upport/callbacks.rb:109:in `block in run_callbacks'  
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:681:in `require_threa
```

```
d_api_token'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/callbacks.rb:118:in `block in run_callbacks'  
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:663:in `set_thread_ap  
i_token'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/callbacks.rb:118:in `block in run_callbacks'  
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:588:in `set_current_r  
equest_id'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/callbacks.rb:118:in `block in run_callbacks'  
/var/www/arvados-workbench/current/app/controllers/application_controller.rb:580:in `thread_clear'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/callbacks.rb:118:in `block in run_callbacks'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/callbacks.rb:136:in `run_callbacks'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/abstract_co  
ntroller/callbacks.rb:41:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/rescue.rb:22:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/instrumentation.rb:34:in `block in process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/notifications.rb:168:in `block in instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/notifications/instrumenter.rb:23:in `instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activestorage-5.2.4.5/lib/active_s  
upport/notifications.rb:168:in `instrument'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/instrumentation.rb:32:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal/params_wrapper.rb:256:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activerecord-5.2.4.5/lib/active_re  
cord/railties/controller_runtime.rb:24:in `process_action'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/abstract_co  
ntroller/base.rb:134:in `process'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionview-5.2.4.5/lib/action_view  
/rendering.rb:32:in `process'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal.rb:191:in `dispatch'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_cont  
roller/metal.rb:252:in `dispatch'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_disp  
atch/routing/route_set.rb:52:in `dispatch'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_disp  
atch/routing/route_set.rb:34:in `serve'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_disp  
atch/journey/router.rb:52:in `block in serve'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_disp  
atch/journey/router.rb:35:in `each'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_disp  
atch/journey/router.rb:35:in `serve'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_disp  
atch/routing/route_set.rb:840:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/tempfile_reape  
r.rb:15:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/etag.rb:27:in  
`call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/conditional_ge  
t.rb:27:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/head.rb:12:in  
`call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_disp  
atch/http/content_security_policy.rb:18:in `call'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/session/abstra  
ct/id.rb:266:in `context'  
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/session/abstra
```

```
ct/id.rb:260:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/cookies.rb:670:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/callbacks.rb:28:in `block in call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/callbacks.rb:98:in `run_callbacks'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/callbacks.rb:26:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/debug_exceptions.rb:61:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/show_exceptions.rb:33:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/lograge-0.10.0/lib/lograge/rails_ext/rack/logger.rb:15:in `call_app'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/railties-5.2.4.5/lib/rails/rack/logger.rb:26:in `block in call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/tagged_logging.rb:71:in `block in tagged'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/tagged_logging.rb:28:in `tagged'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/tagged_logging.rb:71:in `tagged'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/railties-5.2.4.5/lib/rails/rack/logger.rb:26:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/remote_ip.rb:81:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/request_store-1.4.1/lib/request_store/middleware.rb:19:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/request_id.rb:27:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/method_override.rb:24:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/runtime.rb:22:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/activesupport-5.2.4.5/lib/active_support/cache/strategy/local_cache_middleware.rb:29:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/executor.rb:14:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/rack-2.2.3/lib/rack/sendfile.rb:110:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/actionpack-5.2.4.5/lib/action_dispatcher/middleware/ssl.rb:74:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/railties-5.2.4.5/lib/rails/engine.rb:524:in `call'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/railties-5.2.4.5/lib/rails/railtie.rb:190:in `public_send'
/var/www/arvados-workbench/shared/vendor_bundle/ruby/2.5.0/gems/railties-5.2.4.5/lib/rails/railtie.rb:190:in `method_missing'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/thread_handler_extension.rb:107:in `process_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:149:in `accept_and_process_next_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:110:in `main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler.rb:416:in `block (3 levels) in start_threads'
/usr/lib/ruby/vendor_ruby/phusion_passenger/utils.rb:113:in `block in create_thread_and_abort_on_exception'
```

I think these are the corresponding log entries from controller:

```
Apr 26 21:40:59 tordo.arvadosapi.com arvados-controller[6632]: {"PID":6632,"RequestID":"req-e0721q142urc35o4j9u9","level":"info","msg":"response","remoteAddr":"127.0.0.1:34102","reqBytes":505,"reqForwardedFor":"10.253.0.41","reqHost":"tordo.arvadosapi.com","reqMethod":"POST","reqPath":"/v1/groups","reqQuery":"","respBody":{"errors":["cannot execute federated list query with limit, offset, or order parameter"]}}\n","respBytes":90,"respStatus":"Bad Request","respStatusCode":400,"time":"2021-04-26T21:40:59.280014037Z","timeToStatus":0.000370,"timeTotal":0.000381,"timeWriteB
```

```

ody":0.000010}
Apr 26 21:41:03 tordo.arvadosapi.com arvados-controller[6632]: {"PID":6632,"RequestID":"req-7wav6c701f3awhskq7a8","level":"info","msg":"response","remoteAddr":"127.0.0.1:34134","reqBytes":505,"reqForwardedFor":"10.253.0.41","reqHost":"tordo.arvadosapi.com","reqMethod":"POST","reqPath":"/v1/groups","reqQuery":"","respBody":{"errors":["cannot execute federated list query with limit, offset, or order parameter"]}"}\n","respBytes":90,"respStatus":"Bad Request","respStatusCode":400,"time":"2021-04-26T21:41:03.813853070Z","timeToStatus":0.000299,"timeTotal":0.000309,"timeWriteBody":0.000009}
Apr 26 21:41:47 tordo.arvadosapi.com arvados-controller[6632]: {"PID":6632,"RequestID":"req-3x8j992o1211f32dbefm","level":"info","msg":"response","remoteAddr":"127.0.0.1:34184","reqBytes":505,"reqForwardedFor":"10.253.0.41","reqHost":"tordo.arvadosapi.com","reqMethod":"POST","reqPath":"/v1/groups","reqQuery":"","respBody":{"errors":["cannot execute federated list query with limit, offset, or order parameter"]}"}\n","respBytes":90,"respStatus":"Bad Request","respStatusCode":400,"time":"2021-04-26T21:41:47.244177375Z","timeToStatus":0.000305,"timeTotal":0.000315,"timeWriteBody":0.000010}

```

#### Subtasks:

Task # 17594: Review 17587-workbench-federated-query	<b>Resolved</b>
------------------------------------------------------	-----------------

#### Related issues:

Related to Arvados - Bug #17702: [workbench1] fiddlesticks on home page, cann...	<b>Resolved</b>	<b>05/21/2021</b>
Blocks Arvados - Story #17512: Release Arvados 2.2	<b>Resolved</b>	<b>05/03/2021</b>

#### Associated revisions

##### Revision b1a2bad1 - 05/05/2021 01:40 PM - Tom Clegg

Merge branch '17587-workbench-federated-query'

fixes #17587

Arvados-DCO-1.1-Signed-off-by: Tom Clegg <[tom@curii.com](mailto:tom@curii.com)>

#### History

##### #1 - 04/26/2021 09:44 PM - Ward Vandewege

- Description updated

##### #2 - 04/26/2021 09:47 PM - Ward Vandewege

- Description updated

##### #3 - 04/26/2021 09:49 PM - Ward Vandewege

- Description updated

##### #4 - 04/26/2021 09:50 PM - Ward Vandewege

- Description updated

##### #5 - 04/26/2021 09:50 PM - Ward Vandewege

- Description updated

##### #6 - 04/27/2021 01:33 AM - Ward Vandewege

- Description updated

##### #7 - 04/28/2021 01:36 PM - Peter Amstutz

- Target version changed from 2021-04-28 bughunt sprint to 2021-05-12 sprint

##### #8 - 04/28/2021 03:56 PM - Peter Amstutz

- Assigned To set to Peter Amstutz

##### #9 - 04/28/2021 03:57 PM - Peter Amstutz

- Assigned To changed from Peter Amstutz to Tom Clegg

##### #10 - 05/04/2021 04:49 PM - Peter Amstutz

- Blocks Story #17512: Release Arvados 2.2 added

**#11 - 05/04/2021 06:25 PM - Tom Clegg**

- Status changed from New to In Progress

Depending on the owner/parent of recent collections, Workbench1 does a federated list query here (filters=[[uuid,in,[uuid1,uuid2,uuid3,...]]] where some of the UUIDs belong to remote clusters).

This query goes through Workbench1's generic paging code, which uses a large limit parameter, so the "federated list" handler in controller rejects it.

The reason controller rejects the "limit" parameter is to ensure it can return all results on a single page. But the condition (limit >= 0) is stricter than necessary: the maximum number of objects returned is already known (it's the number of UUIDs specified) so as long as limit <= nUUIDs, it doesn't need to be an error.

**#12 - 05/04/2021 08:02 PM - Tom Clegg**

17587-workbench-federated-query @ [471f26a8c42eda91184cb88211163840aacd5e8c](https://ci.arvados.org/view/Developer/job/developer-run-tests/2454/) --  
<https://ci.arvados.org/view/Developer/job/developer-run-tests/2454/>

**#13 - 05/04/2021 08:40 PM - Ward Vandewege**

Tom Clegg wrote:

17587-workbench-federated-query @ [471f26a8c42eda91184cb88211163840aacd5e8c](https://ci.arvados.org/view/Developer/job/developer-run-tests/2454/) --  
<https://ci.arvados.org/view/Developer/job/developer-run-tests/2454/>

Just one question - why does this add `s.SetupTest(c)` on line 303 and 319 in `lib/controller/federation/list\_test.go` ?

Otherwise, LGTM, thanks!

**#14 - 05/05/2021 01:39 PM - Tom Clegg**

Ah yes. Without the added call to SetupTest(), the same backends were being reused for multiple trials without resetting their call counters, so "expectCalls" wasn't working as expected. Added comments to help explain.

**#15 - 05/05/2021 01:43 PM - Tom Clegg**

- % Done changed from 0 to 100

- Status changed from In Progress to Resolved

Applied in changeset [arvados|b1a2bad108376bf0cf50e4260e47c7047318ab6c](https://ci.arvados.org/view/Developer/job/developer-run-tests/2454/).

**#16 - 05/13/2021 03:28 PM - Peter Amstutz**

- Release set to 38

**#17 - 05/19/2021 09:29 PM - Ward Vandewege**

- Related to Bug #17702: [workbench1] fiddlesticks on home page, cannot execute federated list query with limit (9223372036854775807) < nUUIDs (2), offset (1) > 0, or order ([]) parameter [API: 400] added