**Creating Alpha-0 release**



1. Create backup on tm3ror development directory before striping directory for alpha test release [DONE]
2. Strip local directory to reduce size of installation image on alpha test server

* remove .bu and test html.erb files in views subdirectory [DONE]
* remove no longer used javascript files from public/javascripts [DONE]
* remove no longer used css files from public/stylesheets [DONE]
* pull out all .png files from public/images/categories into separate directory outside of tm3ror [DONE]
* pull out all directories of .png files from public/images/products into a separate directory outside of tm3ror [DONE]
* [ remove currently unused public/images/medium directory ]

1. Create git commit of stripped directory in master branch of git [DONE]
2. Push to github [DONE]
3. Check name of remote repo on heroku: git@heroku.com:tm3ror.git [DONE]
4. Check GitIgnore to make sure don't attempt to move sqlite3 database [DONE]
5. Copy the local Git repository ( including home, category, and product images, as well as excel files for building the database tables ) to the heroku Git repository, and rebuild runtime image of the application using libraries on heroku. [DONE:]
6. If compiled slug is within size limits ( it is: 58MB), then migrate Sqlite database from local server to a new Postgres database on the alpha test server, and test that application comes up on alpha test server.

* Run scripts to populate/correct format of fields in timestamp columns of tables in database. ( Use Razor to get list of tables in database schema. )
  + 1. accessories DONE OK:15
    2. accessories\_product\_types — no timestamps OK? OK:9
    3. active\_admin\_comments — empty OK:11
    4. admin\_users — only admin@example.com OK:5
    5. base\_products — no longer used? OK:1
    6. categories — DONE OK:12
    7. clinicians — empty OK:6
    8. clinics — empty OK:2
    9. manufacturers — timestamps OK OK:7
    10. product\_lines — timestamps OK OK14
    11. product\_sets — no longer used missing
    12. product\_types — no longer used OK:3
    13. products — ATTEMPTED. There are still some rows in column 'type' that contain the value 'BaseProduct '; it should be 'BaseProduct' without the space. Have to fix this before can rerun the Rails console script to update the timestamps. Tuples 362, and 492. Did it in SQL. Remember to update xls file. Reran script:

Product.all.each do |p|

p.created\_at = Time.now

p.updated\_at = Time.now

p.save

end

The script ran successfully. DONE

* + 1. requests — empty OK:8
    2. simple\_products — no longer used missing
    3. users — timestamps OK OK:13
* from unix console: $ heroku db:push.
* Sending data: 17 tables, 5.305 records.
* Note active\_admin tables (and code) is present in the ap
* Sent 100% on:

1. base\_products
2. clinics
3. product\_types
4. schema\_migration
5. admin\_users
6. clinicians
7. manufacturers
8. requests
9. accessories\_product\_types
10. products !!!
11. active\_admin\_
12. categories
13. users
14. product\_lines
15. accessories

* Then failed with an 'invalid date (Sequel::InvalidValue)' error. What table did it have trouble with? 15 of the 17 showed at 100% complete. Must therefore have been one of: product\_sets, simple\_products — both tables that are no longer used? Recheck for timestamps. product\_sets is empty. Deleted simple\_products table from the database using Razor ( but copied contents first to an excel file: tm3ror/db/simple\_products.xlsx so I could recreate the table in case the Rails STI implementation of inheritance needs it. db:push command ran to conclusion.
* Fix format of any other columns that cannot be migrated to Postgres — OK, none
* Attempt to invoke the application: http://tm3ror.heroku.com: HTTP 500 error return
* Examine logs to determine what is preventing it from coming up

heroku config:add LOG\_LEVEL=DEBUG

heroku logs -n [--tail]

Got access error attempting to get /app/public/stylesheets/active\_admin.css 'permission denied'.

Note: this app is on the default bamboo-mri-1.9.2 stack not bamboo-ree-1.8.7 stack even though compiler being used locally is 1.8.7. (potentially a separate problem? solution: heroku stack:migrate bamboo-ree-1.8.7)

* Fix these issues

Remove active\_admin: rails destroy active\_admin:install. This will remove AdminUser model as well.

TMAsAir:tm3ror thomas$ rails destroy active\_admin:install

invoke devise

generate No need to install devise, already done.

invoke active\_record

remove db/migrate/20120110172234\_devise\_create\_admin\_users.rb

remove app/models/admin\_user.rb

invoke test\_unit

remove test/unit/admin\_user\_test.rb

remove test/fixtures/admin\_users.yml

route devise\_for :admin\_users

remove config/initializers/active\_admin.rb

remove app/admin

remove app/admin/dashboards.rb

route ActiveAdmin.routes(self)

generate active\_admin:assets

remove db/migrate/20120110092237\_create\_admin\_notes.rb

remove db/migrate/20120110092238\_move\_admin\_notes\_to\_comments.rb

TMAsAir:tm3ror thomas$

What is the generate active\_admin:assets?

Shut down rails. Rebooted. Rails fails to come up: unintialized constant AdminUser.

Try rerunning bundler. Still showing the gem activeadmin. Remove it from gemfile. and rerun bundle install. Same error. Remove the line:

devise\_for :admin\_users, ActiveAdmin::Devise.config

from routes.rb.. OK Rails comes up, and application runs.

Commit new version of app (the one without active\_admin), push to heroku and try again. [DONE]

Working !!!!!!!!!!!!!!!!!!!!!!!

Send Bill the URL he can use to walk through product tree. [DONE]

1. Alternatively, if compiled slug exceeds 100MB maximum, or when want to improve performance of image loading:

* move all images ( home, category, product, etc.) to an Amazon S3 bucket, setting permissions and expires headers. DONE.
* rebuild page templates to reference images from Amazon S3 servers — creating a new development version of the site with its own git repo history
* test locally from development directory
* strip images out of /public/images/... subdirectories
* git commit smaller repository
* push to heroku and build runtime image
* migrate the database from local server to alpha test server ( step #9 above)
* test that site comes up on heroku/amazon, pulling images from amazon S3.

1. Rebuild XML site map, install on both development and alph test versions of the site and request reindex of the alpha version of the site from Google