During the release, the old /home/customer\_gateway\_dev directory was renamed with a release number, so now we make a new customer\_gateway\_dev user as a new project. *There is another file in this directory with the notes on creating a new project*. After making the new project, 'customer\_gateway\_dev΅:

> cd /home/customer\_gateway\_dev

Then expand out the bin project to get the project scripts:

> git clone git@github.com:Reasoning-Technology/bin\_project\_template.git

> mv bin\_project\_template bin

With the new release flow where we are always developing in the 'dev' version, it is probable that no mods will be needed to the bin/start script.

python3 and virtual environment are probably already installed, if not, install them. Then create the virtual environment.

> python3 -m venv env

Modify/add the .bashrc file alias if need be, or example:

alias pcd\_cg="/home/customer\_gateway\_dev/bin/start"

Exit and restart the shell if .bashrc was modified, or just execute the new alias command.

Enter the new virtual environment, which is a bit awkward at this stage. This is because neither git clone, nor django startproject will run when there is an existing project directory.

> mkdir <project-name>

> pcd\_cg # make sure this takes you to the project at the correct path

> cd ..

> rmdir <project-name>

Install Django:

> pip3 install django

> django-admin.py startproject <project-name>

Restore the project, in this case the project is customer\_gateway:

> git clone git@github.com:Reasoning-Technology/customer\_gateway.git temp

> mv temp/.git customer\_gateway/.git

> rm -rf temp

> cd customer\_gateway

> git checkout .

Install additional packages:

> pip install boostrap4 #failed

> pip install channels

> pip install dj-stripe

> pip install dj\_database\_url

> pip3 install django-allauth

> pip install django-crispy-forms

> pip install django-debug-toolbar

> pip install django-environ

> pip install django-extensions

> pip install django-rest-framework

> pip install djangorestframework

> pip install psycopg2

> pip install six # requirements already met

> pip install django-recaptcha

... many errors about not being able to build wheel

ran migrations, but both makemigrations and migrate told me it was not necessary. Seems we have placed migrations into the repo … hmmm

> python manage.py makemigrations

> python manage.py migrate

> runserver\_thomas

psql = json.load(open(os.path.join(\_\_location\_\_, 'db.json'), 'r'))

FileNotFoundError: [Errno 2] No such file or directory: '/home/customer\_gateway\_dev/customer\_gateway/customer\_gateway/db.json'

> cp /home/customer\_gateway\_2/customer\_gateway/customer\_gateway/db.json customer\_gateway/

db.json did not make it into the repo because \*\*/\*.json is in .gitignore. .. why? Wonder what other .json files are in the project, .. nothing else consequential.

> find . -iname '\*.json'

./customer\_gateway/db.json

./join/templates/join/tests/id1.json

./join/templates/join/tests/id5786.json

./join/templates/join/tests/id2.json

> runserver\_thomas

… worked