

General

```
# Change the uuids that are deputized:
vim ~/.cerberus/cerberus.yaml
\ \ \
```

```
// Order error:
make test
[ERROR] Error getting version: exit status 2.
[ERROR] Error getting version: exit status 2.
[ERROR] Error getting version: exit status 2.
[ERROR] Error getting version: exit status 2.
[ERROR] Error getting version: exit status 2.
[ERROR] Error getting version: exit status 2.
make: *** [.tmp/.faux.vendor] Error 1

// Temp fix:
rm -rf .tmp; make test;
\ \ \
```

```
hp schema out of sync:
"msg": "Unable to instantiate heatpipe client: topic hp-order-draft_order not
present in schema service ((File client: path /Users/wrahman/Uber/schema-
service-repo, 1 topics in path))"
Run:
make schema-service-repo
\ \ \
```

Eats Notifier

Run eats-notifier locally

https://engdocs.uberinternal.com/catalyst-backend/go_guides/cat_go_kafka_guide.html#prerequisites

- Make

- Run docker
- Tab 1: cerberus -s schema-service -t catalyst-registry,kapture --zone sjc1 --no-status-page
- Tab 2: catalyst run

Start Kafka:

Ensure that Cerberus is still running.

- Run ktools container start to start the Kafka container.
- Run ktools container topic <topic> to create a topic on your local Kafka Docker image.
- Run ktools traffic capture <topic> -f <filename>.kapture to record production data.
capture records production messages and provides many flags to control how messages are captured.

Test by replaying kafka

- ktools traffic replay <filename>.kapture

Generating using goavro

Find instructions here <https://sourcegraph.uberinternal.com/code.uber.internal/devexp/hello-kafka/-/blob/README.md>

RTAPI

Deploying RTAPI

- Wait for the email that my diff landed
- pull the latest from master and run make release container=eats
- open up grafana dashboards eats-oncall, rtapi-endpoints-eats, rtapi-endpoints
- post in Eats Eng that you're deploying eats-gateway
- open up udeploy and click deploy
- select your tag and deploy that revision by clicking the deploy button on the UI
- @ppl who are involved in this deploy

Building and running

```
# Running RTAPI locally
make clean; CXXFLAGS="-mmacosx-version-min=10.9" LDFLAGS="-mmacosx-version-min=10.9" npm install; make build
scripts/cerberus/deputy.sh --dc sjc1
make sync-flipr-sjc1
make serve-eats
...
```

Errors

```
# Error:

[ERROR]   Update failed for google.golang.org/grpc: google.golang.org/grpc
contains uncommitted changes. Skipping update
[ERROR]   Failed to install: google.golang.org/grpc contains uncommitted
changes. Skipping update
could not build "go.uber.org/yarpc/encoding/thrift/thriftrw-plugin-yarpc":
failed to install dependencies for "go.uber.org/yarpc/encoding/thrift/thriftrw-
plugin-yarpc": exit status 1

# Fix:

rm -rf ~/.glide-uber/cache
```
```

```
during npm install, it fails with:

npm ERR! node-m3-client-addon@1.3.2 install: `node-gyp rebuild`
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the node-m3-client-addon@1.3.2 install script 'node-gyp
rebuild'.
npm ERR! This is most likely a problem with the node-m3-client-addon package,
npm ERR! not with npm itself.
npm ERR! Tell the author that this fails on your system:
npm ERR! node-gyp rebuild
npm ERR! You can get their info via:
npm ERR! npm owner ls node-m3-client-addon
npm ERR! There is likely additional logging output above.

npm ERR! Please include the following file with any support request:
npm ERR! /Users/wrahman/realtime-api/npm-debug.log
make: *** [install] Error 1

verify that node-gyp rebuild fails

$ node-gyp rebuild
gyp: binding.gyp not found (cwd: /Users/wrahman/realtime-api) while trying to
load binding.gyp
gyp ERR! configure error
gyp ERR! stack Error: `gyp` failed with exit code: 1
gyp ERR! stack at ChildProcess.onCpExit (/Users/wrahman/.nvm/v0.10.32/lib/
```

```

node_modules/node-gyp/lib/configure.js:345:16)
gyp ERR! stack at ChildProcess.emit (events.js:98:17)
gyp ERR! stack at Process.ChildProcess._handle.onexit (child_process.js:
810:12)
gyp ERR! System Darwin 18.2.0
gyp ERR! command "node" "/Users/wrahman/.nvm/v0.10.32/bin/node-gyp" "rebuild"
gyp ERR! cwd /Users/wrahman/realtime-api
gyp ERR! node -v v0.10.32
gyp ERR! node-gyp -v v3.8.0
gyp ERR! not ok

Fix 1:
xcode-select --install # Install Command Line Tools if you haven't already.
sudo xcode-select --switch /Library/Developer/CommandLineTools # Enable command
line tools

Fix 2:
update-uber-home.sh

Fix 3 from danily:
CXXFLAGS="-mmacosx-version-min=10.9" LDFLAGS="-mmacosx-version-min=10.9" npm
install

Reference:
https://github.com/nodejs/node-gyp/issues/569
...

```

```

Get User Token:
get-token() {
 local username
 username=$1
 if [["$username" == ""]]; then
 username="$USER"
 fi
 ssh 2>/dev/null $HELPER_ADHOC_HOST curl -H 'x-uber-source:rtapi' http://
localhost:14290/clients/$username@uber.com | jq .token
}
...

```