API Routing Step Comments

rtIndex router.get('/', async (req, res) =>{...} app.use(idsList) step 1 - getList() step 2 - clearList() step 3 - jsonKeysList.forEach(outcomeID {...}) step 3.1 - getJsonData(outcomeID) step 3.2 - parseJsonData() step 3.3 - writeSQLData() step 4 - if (keysFailed) { putKeysFailed() } step 5 - res.render('process')

The Home Page has a 'Process' button click on 'Process' button and go to rtProcess

This is the only functional route in the API (every step below must be executed)

GET JSON file 'ids.json' (contains array of all outcomeIDs to be processed)

PUT JSON file 'ids.json' as an empty array (starts as new array, prevents reprocessing outcomes)

Iterate on each outcomeID parse data then write SQL rows

GET JSON file with outcomeID

parse learner Data from outcome file

parse course data from outcome file

parse outcome header data from outcome file

there are n details per outcome iteratively parse each outcomeDetail from outcome file

write SQL row to Table for learner

write SQL row to Table for course

write a SQL transaction to Tables for outcome 1 outcome header row n outcomeDetail rows commit or, rollback on error

write log record(s) to SQL log Table

if any outcomes failed to process PUT failed outcomeIDs back to 'keys.json' for future reprocessing

res.render('process')
probably will be a progress bar

There is only one functional route in the API, the Process Route as shown above. All of the steps, 1 - 5, including the iterations within step 3 must be excuted, one after the other, The GET in step one, the GET in step 3.1 and the PUTs in steps 2 & 4 are not separate routes but steps included in the Process route. There are no separate <a> tags (hrefs) on which to bind steps 2, 3.1 & 4. There is only 1 endpoint. I'm not sure how to accomplish this.