

1.1 Back End High Level Technical Document

This document outlines the (folder) structure and functionality of the BCS NodeJS Backend

Some modules are in development/feature phases

NodeJS Backend Structure

ROOT

API Module

- Api layer for handling authentication and token management
- Controllers
 - Handlers for each cloud resource method

Controllers

- Controllers for handling FE requests
- Fetches data from portal database

Deploy

- Cloudbuild/Kubernetes yaml configuration files utilized in deployment

Docs

- Handlers for fetching docs from GCP storage and serving to FE

Email

- Docs and image for certain email templates

Jobs

- All job processors that are set to recurring schedules
- Cloud admin reports, alerts, QBR, monthly budget updates, invoices, and validations

Models

- Mongo DB schemas for all types of collections

Modules

- Big_query
 - REST modules for bigQuery API



- Views for configuring bigquery requests
- Google_analytics
- Netbrain
- Science_logic
 - REST module
 - GQL module
- Searcher

Routes

- Route handlers for all backend routes
- Route handler for API routes
- Microservice handler

Temp

- Folder for all temporary/dynamically generated files

Templates

Test

- Test files
- Test Util