Health Check Documentation

Rss feed poll check:- JS FILE:- rssPoll.js

This file contains the function which crawls the rss feeds of amazon and google cloud services concerned by us, and sends mail when a certain alert is triggered.

Ping Health Check:- JS FILE :- ping\_health.js

Pings our websites,apis or instances continuously…if unabl to get ping packets back for over a duration of time (decided by us),alert will be triggered.

MAILER:- JS FILE:- mail.js

An exported function which is used to send emails

*var* email = (type, defectedService, error, cause)

it has 4 parameters used by handlebars to make the templates of the mail.

type

the above parameter defines what template will be used thus what type of mail is being sent ,making the flexible enough to be function to be used anywhere in our codebase.

COMMON CONFIG FILE:- ***mappedConfig.json***

It contains all the initial config for the whole codebase ,all other json files are generated this file using ***loader.js*** .This makes it also maps the services with our sites to know the cause of site being down .

Fields in mappedConfig:-

Mailinglist:-

It contains the list of people to be alerted when alarm is triggered.

Checkers:-

It contains list of health checkers up right now

Map:-

It contains the maping between sites and cloud services.

**LOADER.JS , pingConfig.json , rssConfig.json:-**

The 2 json files contain the state for rssPoll and ping\_health functions. The Loader.js generates or updates these 2 files on initial setup or changes in main config file.

**pingRefresh.json:-**

Used for refreshing the ping failed counter when a user-defined period has lapsed so as to minimize false alarms.