GateWay:

EmptyResponse blockIpAddress(IP address, Endpoint endpoints[], Duration duration)

Service Registry:

EmptyResponse register(Service service, IpAddress[] ipAddresses, Endpoint endpoints[])

ServiceNode routeRequest(Service service, Request request, Endpoint apiEndPoint, User user) throws ThrottleException

Contract Registry

EmptyResponse register(Service service, Contract contract)

A Contract object contains (ApiDefinition[] ApiDefinitions, String version).

SMS service:

EmptyResponse sendSMS(Service sendingService, User receiver, Template smsTemplate, Map<String, String> smsParams)

Auth service:

EmptyResponse register(String username, String password, PhoneNumber phoneNumber)

EmptyResponse login(String username, String password)

TokenResponse verify(String username, String otp)

authenticate(String username, String token)

EmptyResponse logout(String username, String token)

Profile Service:

EmptyResponse createProfile(String username, String token, String photoUrl, Date DOB, String Gender)

EmptyResponse updateProfile(String username, Profile profile)

EmptyResponse deleteProfile(String username)

Profile getProfile(String username)

Drive Service: (*CRUD*)

EmptyResponse upload(File file, Directory driveDirectory, Actor uploader, AccessControlList acl)

File getFile(File file, Directory driveDirectory, Actor requestingActor)

File[] getFile(String fileNameRegex, User user, Actor requestingActor)

EmptyResponse delete(File file, Directory driveDirectory)

User Preference Store:

EmptyResponse setEmailPreferences(String username, EmailPreferences preferences)

EmptyResponse setLayoutPreferences(String username, LayoutPreferences preferences)

EmailPreferences getEmailPreferences(String username, String preferenceList[])

LayoutPreferences getLayoutPreferences(String username, String preferenceList[])

Tag[] setTags(Email email)

Cron Jobs:

EmptyResponse updateEmailTags(User user)

Contacts Manager:

EmptyResponse makeMutualContact(User sender, User receiver)

EmptyResponse removeContact(User requester, User contact)

Group registerGroup(User creator, UserWithRole[] members, String name, String photoUrl)

Role is an enum with possible values: Creator, Admin, Member, Guest

User[] getMembersWithRoles(String groupId, Role[] roles)

EmptyResponse addMembers(String groupId, User requester, UserWithRole[] members)

EmptyResponse removeMembers(String groupId, User requester, User[] members)

EmptyResponse updateGroup(String groupId, User requester, String name, String photoUrl)

EmptyResponse deleteGroup(String groupId, User requester)

Email Store:

Email sendEmail(User sender, User receiver, Email email, Attachment[] attachments)

EmptyResponse updateEmailTags(User requester, String idOfEmail, Tag tags[])

EmptyResponse deleteEmailFor(User requester, String idOfEmail)

Email[] getEmailsFor(User receiver)

Attachment[] getEmailAttachments(String idOfEmail)

Search Engine:

Email[] searchEmails(SearchParams params)

SearchParams -> (User sender, User receiver, String regex, Date sentBefore, Date sentAfter, Tag[] tags)