1. Put
   1. Object
      1. putObject

Parameters:

String key

Long BFS\_File

Long owner\_ID

Long Bucket\_ID

String Meta

Long Size

String Media\_Type

Return:

Object.

Throws：

SameNameException

1. putObject

Parameters:

String key

Long BFS\_File

Long owner\_ID

Long Bucket\_ID

String Meta

Long Size

String Media\_Type

String sysMeta

String etag

**boolean** version\_enabled

String version

**boolean** deleted

Date expirationTime

Date createTime

Date modifyTime

Return:

Object.

Throws：

SameNameException

* 1. Bucket
     1. putBucket

Parameters:

String name

Long ownerId

String meta

Return：

Bucket

* + 1. putBucket

Parameters:

String name

Long ownerId

Boolean exprirationEnabled

Boolean loggingEnabled

String meta

Boolean deleted

Date createTime

Date modifyTime

Return：

Bucket

Throws：

SameNameException

* 1. Group
     1. putGroup

Parameters:

String groupName

Return：

Group

Throws：

SameNameException

* 1. User
     1. putUser

Parameters:

String sohuId

String access\_key

Return：

User

Throws：

SameNameException

1. Get
   1. Object
      1. getObject(Long BFS\_File)
      2. getObject(String bucket\_name, String key)
   2. Bucket
      1. getBucket(long owner\_ID, String name)
      2. getBucket(String name)
      3. getBucket(Long owner\_ID, Long Bucket\_ID)
   3. Group
      1. getGroupById(Long id) return : ScssGroup
      2. getGroupByName(String name) return : ScssGroup
   4. User
      1. getUserById(long id) return : ScssUser
      2. getUserBySohuId(String sohuId) return : ScssUser
      3. getUserByAccessKey(String access\_key) return : ScssUser
      4. getUsersByGroupId(Long groupId) return : List<ScssUser>
      5. getUsersByGroup(ScssGroup group) return : List<ScssUser>
2. Delete
   1. Object
      1. deleteObject(String key, Long owner\_ID, Long Bucket\_ID)
   2. Bucket
      1. deleteBucket(String name)
      2. deleteBucket(String name, Long ownerID)
      3. deleteBucketById(Long bucket\_id)
   3. Group
      1. deleteGroup(ScssGroup sg)
      2. deleteGroup(Long gid)
      3. deleteGroup(String name)
   4. User
      1. deleteUser(ScssUser user)
3. Modify
   1. Object
      1. modifyObject(ScssObject scssObject)
   2. Bucket
      1. modifyBucket(ScssBucket bucket)
   3. Group
      1. modifyGroup(ScssGroup scssGroup)
   4. User
      1. modifyUser(ScssUser scssUser)