

New API requests from the AIR team

In a far ranging discussion with the AIR team we came up with a proposal for a new service for image groups and folders (now referred to as tags).

Here's a basic outline of the API calls:

Image Group

- Create group

@params:

- Group Name
- Group Description
- Private or Institutional
- Assets

Returns:

- New Group Object (with Id)

- Delete group

@params:

- Group Id

Returns:

- Confirmation
- Group Id

- Update Group

@params:

- Group Name
- Group Description
- Private or Institutional
- Assets

Returns:

- Updated Group Object

- Get Group

@params:

- Group ID

Returns:

```
{
  "id": 1,
  "name": "My first group",
  "description": "This is Sai's favorite group",
  "sequence_number": 0,
  "access": [],
  "items": [
    {
      cfObjCount : 0
      cfObjectId : ""
      clustered : 0
      collectionId : "103"
      collectionType : 1
      jsonListSt : [ <--- we should rename this
        "Two Grape Leaves"
        "Zhu Da"
        "ca. 1681"
        ""
      ]
      largeImgUrl :
"/thumb/imgstor/size1/princeton/d0001/princeton_art_y1963-39-h_as_8b_srgb.jpg"
      objectId : "APRINCETONIG_10313684753"
      objectType : 10

      thumbnailImgUrl :
"/thumb/imgstor/size0/princeton/d0001/princeton_art_y1963-39-h_as_8b_srgb.jpg"
      // Deprecated properties
      count : 2000
      language : "English"
      languageKey : "en"
      publicAccess : 0
      zoomParams : ""
      thumbnail1 : "Two Grape Leaves"
      thumbnail2 : "Zhu Da"
      thumbnail3 : "ca. 1681"
      thumbnail4 : ""
    }
  ]
}
```

- Share Group

@param:

- Group ID
- Id and type of access entity to share with
- Adds user id to user access array

Example:

```
[  
{ type: 'Institution', id: 12341234 },  
{ type: 'User', id: 12341234 }  
]
```

When a user creates a group it defaults to private, groups are associated with the institution the user selects during group creation.

Groups can only be shared within the institution that the group belongs to.

When the user chooses to share a group, they can select institution, or individual users.

Tags

- Get Tags

Returns:

- Array of all tags, with parent tag information
- Sample tag object:

```
{  
  name: 'Tag Name',  
  id: 00000000,  
  parentTag: 0000000,  
  groups: [  
    { 'name' : 'Group Name', 'id' : 00000000 }  
    ...  
  ],  
  ownership: Artstor/Institution/Private,  
}
```

Tagging requires WRITE permission to the image group.

Tags are associated with image groups and are hierarchical in nature. The tag query should return all image groups the user has access to, and all the tags associated with those groups.

Open questions:

Can we use the existing folder table to represent tags?

Can we use the existing image group table to represent these new style image groups.

We will probably use a search engine to serve as the backend for this service, though data will live permanently a separate data store.