

API Documentation

MEETLINKSHARE
Version 1.0

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DOCUMENT INFORMATION AND APPROVALS

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DOCUMENT APPROVALS

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GENERAL INFORMATION

Purpose

This document is written for application developers using the MLS Data APIs to access a user's data. This enables third-party developers to build applications that can fetch data on behalf of MLS users. This document explains the basic functionalities of the API methods to access the protected resource.

Scope

An API is a way for website or service to talk to another website or service. API let you mix information and media from MLS into another site or application. The MeetLinkShare API allows to create/edit user and to create/access their Items. This API allows the user to collaborate with other users. MLS application can access the data only with the access token of the user.

Benefit

Anybody can create applications built using these services. They can mix, match and mash-up these different services into new applications that are beyond the original intent of the service providers. Often, APIs are 'language independent' so no matter what programming language a developer is using, they can still connect through the API.

API METHODS DESCRIPTIONS

User API Methods

User.create	A new user will be created with values
User.update	Updates an existing user
User.view	Displays a particular user
User.list	Display the list of all users
User.getItems	List of items created by a particular user
User.getBookmarks	Gets the tags most useful to a user
User.getCategories	Gets the categories that are most important to the user
User.saveAttachments	Gets the attachments of user.
User.getAttachments	Gets the attachments of user.
User.removeAttachments	Removes the attachments (audio,video, images) of a user
User.getLocations	gets the location created by user
User.saveContacts	Saves contacts from the User
User.deleteContacts	Deletes contacts from the User
User.getAllContacts	Retrieves the details of a particular contact
User.getContacts	Gets the details of the user contacts
User.login	Returns the access key of the user
User.forgotpassword	Implements the forgot password functionality
User.resetPassword	Changes the user password
User.closeAccount	Removes the user account

User.create**Description**

Creates a new user record. This method is not exposed to the third party applications. Since this API method is used to register a user, it is limited within the MLS application.

Resource URL

/users

Verb

POST

Parameters

Parameters	Description	Conditions/Validations
*email	Company Email by which user is registered with the MLS	Personal emails are not allowed Uniqueness of email is checked Only Valid Emails are allowed
*password	User password used by the user to signin	Minimum length 6 Maximum length 32
*password_confirmation	User confirmation password should be same as the password, required only during the user registration	Minimum length 6 Maximum length 32 Should be same as password
*first_name	Represents the first name of the user	Minimum length 1 Maximum length 40
*last_name	Represents the last name of the user	Minimum length 1 Maximum length 40
job_title	Which gives the description of the user's	Maximum length 80

	job	
*company	Name of the company user is associated with.	Minimum length 3 Maximum length 80
business_unit	Contains the value of the user's business unit	Maximum length 80

Sample Request

<http://api.meetlinkshare.com/v1/users>

Sample Success Response

```
{ response : "success", status: 200,
  user :
  {
    "id" : "1",
    "email" : "user@meetlinkshare.com",
    "first_name" : "user_firstname",
    "last_name" : "user_lastname",
    "job_title" : "user_job_title",
    "company" : "company",
    "business_unit" : "business_unit",
    "access_token" : "sample_token",
    "errors" : {}
  }
}
```

Sample Error Response

```
{ response : "failure", status_code: 412, api_error_code : 1006,
```

```
user :
{
  "email" : "user@meetlinkshare.com",
  "first_name" : "user_firstname",
  "last_name" : "user_lastname",
  "job_title" : "user_job_title",
  "company" : "company",
  "business_unit" : "business_unit",
  "errors" : {
    "email" : ["Personal emails cannot be used"],
    "password" : ["password mismatch","password too short"],
    "first_name" : ["Cannot be blank"],
    "company" : ["Exceeds the limit"]
  }
}
```

User.update

Description

Updates the existing user record. This method is not exposed to the third party applications. Since this API method is used to update the details of a user, it is limited within the MLS application.

Resource URL

/users/:id

Verb

PUT

Parameters

Parameters	Description	Conditions/Validations
*id	Unique identifier of the User	Mandatory
*first_name	Represents the first name of the user	Minimum length 1 Maximum length 40
*last_name	Represents the last name of the user	Minimum length 1 Maximum length 40
job_title	Which gives the description of the user's job	Maximum length 80
*company	Name of the company user is associated with.	Minimum length 3 Maximum length 80
business_unit	Contains the value of the user's business unit	Maximum length 80

Sample Request

<http://api.meetlinkshare.com/v1/users/1>

Sample Success Response

```
{ response : "success", status: 200,
  user :
  {
    "id" : "1",
    "email" : "user@meetlinkshare.com",
    "first_name" : "user_firstname",
```

```
        "last_name" : "user_lastname",
        "job_title" : "user_job_title",
        "company" : "company",
        "business_unit" : "business_unit",
        "access_token" : "sample_token",
        "errors" : []
    }
}
```

Sample Error Response

```
{ response : "failure", status: 412, error_code : 1003,
  user :
  {
    "id" : "1"
    "email" : "user@meetlinkshare.com",
    "first_name" : "user_firstname",
    "last_name" : "user_lastname",
    "job_title" : "user_job_title",
    "company" : "company",
    "business_unit" : "business_unit",
    "errors" : {
      "first_name" : ["Cannot be blank"]
    }
  }
}
```

User.list

Returns the details of all the user, only admin has access to this method. User's password and other credentials are not retrieved by this method.

Resource URL

/users

Verb

GET

Request Parameters

Parameters	Description
page (optional)	This denotes the page number of the Users, by default will get the records from first
page_size (optional)	Denotes the number of users to be fetched, by default 10 records will be fetched
sort_by (optional) Possibilities [All fields in the user]	Denotes the field in the user table for sorting, by default the records are ordered on the records created date.
order_by (optional) Possibilities [asc-ascending desc - descending]	Denotes the order of the records fetched, by default records are retrieved in descending order
q (optional)	Denotes the search keyword to search in the fields (first_name, last_name, job_title, company, email, business_unit) in user table

Sample Request

http://api.meetlinkshare.com/v1/users?&page=5&size=2&sort_by=first_name&order=asc&q=user

Response parameters

Renders the values of all the users registered with the MLS

Value	Description
id	Unique identifier of the User
email	Email of the user, which user registered with MLS
first_name	First name of the user entered while registering
last_name	Last name of the user entered while registering
job_title	The parameter gives the description about the user's job
company	The company name, which the user used during registration
business unit	The name user used during the registration
count	Total number of users

Sample Success Response

```
{ response : "success", status: 200,
  user :
  [
    {
      "id" : 1,
      "email" : "user1@meetlinkshare.com",
      "first_name" : "user1_firstname",
      "last_name" : "user1_lastname",
      "job_title" : "user1_job_title",
      "company" : "company",
      "business_unit" : "business_unit"
    },
    {
      "id" : 2,
      "email" : "user2@meetlinkshare.com",
      "first_name" : "user2_firstname",
      "last_name" : "user2_lastname",
```

```
      "job_title" : "user2_job_title",
      "company" : "company",
      "business_unit" : "business_unit"
    },
    ],
    count : 1238
  }
```

Sample Error Response

```
{ response : "failure", status_code: 412, api_error_code : 1007,
  "errors" : "Invalid parameters"
}
```

User.view

Returns the current user's record in detail.

Resource URL

/user/:id

Verb

GET

Sample Request

<http://api.meetlinkshare.com/v1/user/1>

Response parameters

Renders all the values of the user except the password and tokens.

Value	Description
-------	-------------

id	Unique identifier of the User
email	Email of the user, which user registered with MLS
first_name	First name of the user entered while registering
last_name	Last name of the user entered while registering
job_title	The parameter gives the description about the user's job
company	The company name, which the user used during registration
business unit	The business unit user used during the registration

Sample Success Response

```
{ response : "success", status: 200,
  user :
  {
    "id" : 1,
    "email" : "user@meetlinkshare.com",
    "first_name" : "user_firstname",
    "last_name" : "user_lastname",
    "job_title" : "user_job_title",
    "company" : "company",
    "business_unit" : "business_unit",
  }
}
```

Sample Error Response

```
{ response : "failure", status_code: 412, api_error_code : 1001,
  "errors" : ["Unauthorized user"]
}
```

User.getItems**Description**

This method is used to list the collection of items(meets),The list of Items with name,location of Item and an unique identifier is given.

Resource URL

/items

Verb

GET

Request parameters

Parameters	Description
page (optional)	This denotes the page number of the Items, by default will get the records from first
size (optional)	Denotes the number of items to be fetched, by default 10 records will be fetched
sort_by (optional) Possibilities [All fields in the items]	Denotes the field in the item table for sorting, by default the records are ordered on the records created date.
order (optional) Possibilities [asc-ascending desc - descending]	Denotes the order of the records fetched, by default records are retrieved in descending order
q (optional)	Denotes the search keyword to search in the fields(name, location, description, topics) from item table

Sample Request

http://api.meetlinkshare.com/v1/items?page=5&size=2&sort_by=name&order=desc

Response parameters:

Parameters	Description
id	This is a unique number which identifies every item(Meet).
name	This denotes the name of the Item(Meet)
location	Location denotes the location of the Item that is stored by the user.
count	Total number of items under the current user

Sample Success Response

```
{ response : "success", status: 200,
  items :
  [
    {"id" : "1", "name" : "TMR", "Location" : "chennai"},
    {"id" : "2", "name" : "Internal", "Location" : "chennai"}
  ],
  count : 15
}
```

Sample Error Response

```
{ response : "failure", status_code: 412, api_error_code : 1002,
  "errors" : ["Unauthorized user"]
}
```

User.getCategories**Description**

This method is used to list the collection of Categories(meets),The list of Categories with name and an unique identifier is given.

Resource URL

/categories

Verb

GET

Request parameters

Parameters	Description
page (optional)	This denotes the page number of the categories, by default will get the records from first
page_size (optional)	Denotes the number of categories to be fetched, by default 10 records will be fetched
sort_by (optional) Possibilities [All fields in the categories]	Denotes the field in the category table for sorting, by default the records are ordered on the records created date.
order_by (optional) Possibilities [asc-ascending desc - descending]	Denotes the order of the records fetched, by default records are retrieved in descending order
q (optional)	Denotes the search keyword to search in the fields (name) from category table

Sample Request

http://api.meetlinkshare.com/v1/categories?page=3&size=2&sort_by=created_at

Response parameters:

Parameters	Description
id	This is a unique number which identifies every Category.
name	This denotes the name of the Category
count	Denotes the total number of categories

Sample Success Response

```
{ response : "success", status: 200,
  categories :
    [
      { "id" : "1", "name" : "Finance" },
      { "id" : "2", "name" : "Delivery" }
    ],
  count : 22
}
```

Sample Error Response

```
{ response : "failure", status_code: 412, api_error_code : 1002,
  "errors" : ["Unauthorized user"]
}
```

User.getBookmarks**Description**

This method is used to list the collection of bookmarks ,The list of bookmarks with name,status and an unique identifier is given for this method.

Resource URL

/bookmarks

Verb

GET

Request parameters

Parameters	Description	conditions/validations
item_id (optional)	Unique identifier of an item	NA

Sample Request

http://api.meetlinkshare.com/v1/bookmarks?item_id=12

Response Parameters

Parameters	Description
id	This is a unique number which identifies every Bookmark
name	This denotes the name of the Bookmark
status	Status denotes the selection of the Bookmarks by the user from the list of Bookmarks ,its value will be “1” if it is selected and “0” if not selected

Sample Success Response

```
{ response : "success", status: 200,
  bookmarks :
  [
    { "id" : "1", "name" : "TMR", "status" : "1"},
    { "id" : "2", "name" : "Internal", "status" : "0"}
  ]
}
```

Sample Error Response

```
{ response : "failure", status: 412, api_error_code : 1002,
  user :
  {
    "errors" : ["unauthorised access"]
  }
}
```

User.getLocations

Description

This method is used to get the list of locations ,(i.e) the list of Locations with id,name is given for this method.

Resource URL

/locations

Verb

GET

Sample Request

<http://api.meetlinkshare.com/v1/locations>

Response Parameters

Parameters	Description
id	This is a unique number which identifies every Bookmark
name	This denotes the name of the location

Sample Success Response

```
{ response : "success", status: 200,
  locations :
  [
    { "id" : "1", "name" : "chennai" },
    { "id" : "2", "name" : "Sydney" }
  ]
}
```

Sample Error Response

```
{ response : "failure", status: 412, api_error_code : 1002,
  user :
  {
    "errors" : ["unauthorised access"]
  }
}
```

User.addContact

Description

This method is used to add contact under the user

Resource URL

/contacts

Verb

POST

Request parameters

Parameters	Description	Condition/validation
email	The email of the contact	Mandatory field Cannot add an new contact contains existing email from the user Email must be a valid email Personal emails are not allowed only in contacts
first_name	The first name of the contact	Mandatory field Minimum length 1 Maximum length 40
last_name(optional)	The last name of the contact	Maximum length 40
phone_number (optional)	The phone number of the contact	Maximum length 20

Sample Request

<http://api.meetlinkshare.com/v1/contacts>

Sample Success Response

```
{ response : "success", status: 200,
  contact :{
    "id" : "1",
    "email" : "user@meetlinkshare.com " ,
    "first_name" : "first_name",
    "last_name" : "last_name",
    "phone_number" : " ",
    "created_at" : "26-07-2011"
  }
}
```

Sample Error Response

```
{ response : "failure", api_error_code : 1003,
  contact :
  {
    "errors" :
    {
      "email" : ["Not an valid email"],
      "first_name" : ["Cannot be blank"],
      "last_name" : ["Limit exceeded"]
    }
  }
}
```

User.deleteContact**Description**

This method is used to remove a contact under the user

Resource URL

/contact/:id

Verb

DELETE

Request parameters

Parameters	Description
id	The unique identifier of the contact

Sample Request

<http://api.meetlinkshare.com/v1/contact/56>

Sample Success Response

```
{ response : "success", status: 200}
```

Sample Error Response

```
{ response : "failure", api_error_code : 1004,
```

```
}  
  "errors" : ["Record not found"]
```

User.getAllContacts

Description

This method is used to get all the contacts under the user. By default 10 contacts from the user is retrieved

Resource URL

/contacts

Verb

GET

Request parameters

Parameters	Description
page (optional)	This denotes the page number of the contacts, by default will get the records from first
page_size (optional)	Denotes the number of contacts to be fetched, by default 10 records will be fetched
sort_by (optional) Possibilities [email first_name last_name phone_number]	Denotes the field in the contact table for sorting, by default the records are ordered on the records created date.
order_by (optional) Possibilities [asc-ascending desc - descending]	Denotes the order of the records fetched, by default records are retrieved in descending order
q (optional)	Denotes the search keyword to search in the fields (email first_name last_name phone_number) from contacts table

Sample Request

http://api.meetlinkshare.com/v1/contacts?page=3&page_size=2&sort_by=email&order_by=created_at&q=user

Sample Success Response

```
{ response : "success", status: 200,
  contacts:
    [
      {
        "id" : 1,
        "email" : "user1@meetlinkshare.com",
        "first_name" : "user1",
        "last_name" : "",
        "phone_number" : "+91 9433483343",
        "created_at" : "26-07-2011"
      },
      {
        "id" : 2,
        "email" : "user2@meetlinkshare.com",
        "first_name" : "user2",
        "last_name" : "user2",
        "phone_number" : "",
        "created_at" : "26-07-2011"
      }
    ]
}
```

Sample Error Response

```
{ response : "failure", api_error_code : 1001,  
  "errors" : ["Unauthorized user"]  
}
```

User.getContact

Description

This method is used to get the details of a single contact under the user.

Resource URL

/contact/:id

Verb

GET

Request parameters

Parameters	Description
id	The unique identifier of the contact

Sample Request

<http://api.meetlinkshare.com/v1/contact/45>

Sample Success Response

```
{ response : "success", status: 200,  
  "contact" :
```

```
{
  "id" : 45,
  "email" : "user45@meetlinkshare.com",
  "first_name" : "user45",
  "last_name" : "user45",
  "phone_number" : "",
  "created_at" : "26-07-2011"
}
```

Sample Error Response

```
{ response : "failure", api_error_code : 1004,
  "errors" : ["Record not found"]
}
```

User.saveAttachments

Description

This method is used to upload a file under the user. The file might be an audio, video or an image.

Resource URL

/attachments

Verb

POST

Request parameters

Parameters	Description
attachment	The file to upload
attachable_type Possibilities [User Item Category Page]	Specifies the type under which the file is uploaded. For Example: If user adds a file under the page, then this parameter must given as 'Page'
attachable_id	Specifies the unique identifier of the type which is mentioned above.
file_type (optional) Possibilities [Audio Video Image Documents]	Denotes the type of file is associated with.
file_name (optional)	Denotes the name of the file

Sample Request

<http://api.meetlinkshare.com/v1/attachments>

Sample Success Response

```
{ response : "success", status: 200,
  "contact" :
  {
    "id" : 45,
    "attachable_type" : "User",
    "attachable_id" : "8",
    "file_type" : "Audio",
    "file_name" : "first_meeting.mp3",
    "height" : null,
    "width" : null,
    "size" : 3404
    "created_at" : "26-07-2011"
```

```
}  
}
```

Sample Error Response

```
{ response : "failure", api_error_code : 1010,  
  "errors" : ["File type not supported"]  
}
```

Item API Methods

Item.create	A new item will be created with values
Item.update	Updates an existing item
Item.view	View details for an existing item
Item.list	Lists items
Item.delete	Deletes an item
Item.getCount	gets a number of items based on search criteria provided
Item.topics	Finds topics that are relevant to this item
Item.category	Categories that are relevant to this item
Item.addInCategory	Adds the Item to a category
Item.attendees	gets the attendees of the meet
Item.bookmarkIt	Adds the item to the bookmark
Item.addAttendees	Add Attendees to the item

Item.removeAttendees

Remove Attendees from a item

Category API Methods

Category.create	A new category will be created with values
Category.update	Updates an existing category
Category.view	View details for an existing category
Category.delete	Delete category
Category.subcategories	List subcategories of this category
Category.items	collects the items

Location API Methods

Location.create	A new location will be created with values
Location.update	A location's details will be updated
Location.view	Lists details for an existing location
Location.delete	deletes a location

Bookmark API Methods

Bookmark.create	A new Bookmark will be created with values
Bookmark.view	Displays a particular Bookmark
Bookmark.update	A Bookmark will be updated
Bookmark.delete	A Bookmark will be deleted
Bookmark.items	collects the bookmark items

Topic API Methods

Topic.create	A topic will be created
Topic.update	A topic will be updated
Topic.view	View topics
Topic.delete	Delete topics

Search API Methods

Search.create	A search is saved under the current user
Search.getList	Retrieves the values of the saved search

API ERROR CODES

Error Code	Message
1001	Unauthorized user
1002	Unauthorized user (account deactivated)
1003	Parameters missing

1004	Record not found
1005	Security header is not valid
1006	Version not supported
1007	Invalid Parameter
1008	Internal error
1009	Action not supported
1010	Invalid data
1011	Authentication failure