**# iMerit Python Library**

The iMerit Python library provides convenient access to the iMerit API from applications written in the Python programming language.

**## Prerequisites**

\* Python 3.6 or better

**## Installation**

Clone the repository:

    $ git clone https://github.com/imerit-io/imerit-python.git

Create virtual environment and activate it:

    $ python3 -m venv .venv

    $ source .venv/bin/activate

Install the package:

    $ pip install --editable .

**## Authentication**

Navigate to your Ground Control user profile page and copy the API Key. Then set the following environment variable:

    $ export IMERIT\_API\_KEY=<your-api-key>

**## Get help**

Just type:

    $ imerit

or

    $ imerit project

**## Available commands**

**### Organization**

Create organization

```

$ imerit organization create --name <name>

```

List organization

```

$ imerit organization list

```

**### Project**

Create project

```

$ imerit project create --organization-id <organization\_id> --name <name> --description <description>

```

View project

```

$ imerit project view --project-id <project\_id>

```

Update project

```

$ imerit project update --project-id <project\_id> --name <name> --description <description>

```

List projects

```

$ imerit project list --organization-id <organization\_id>

```

Submit project

```

$ imerit project submit --project-id <project\_id>

```

Cancel project

```

$ imerit project cancel --project-id <project\_id> --reason <cancel\_reason>

```

Complete project

```

$ imerit project complete --project-id <project\_id>

```

Delete project

```

$ imerit project delete --project-id <project\_id>

```

**### Membership**

List in organization

```

$ imerit membership list --organization-id <organization\_id>

```

List in project

```

$ imerit membership list --organization-id <organization\_id> --project-id <project\_id>

```

List pending in organization

```

$ imerit membership list-pending --organization-id <organization\_id>

```

List pending in project

```

$ imerit membership list-pending --organization-id <organization\_id> --project-id <project\_id>

```

Invite to organization

```

$ imerit membership invite-to-organization --organization-id <organization\_id>

```

Invite to project

```

$ imerit membership invite-to-project --project-id <project\_id>

```

Batch Invite to organization

```

$ imerit membership import-csv --organization-id <organization\_id> --filename <path/to/csv>

```

Invite to project

```

$ imerit membership import-csv --organization-id <organization\_id> --project-id <project\_id> --filename <path/to/csv>

```

**### Issue**

List for Issues

```

$ imerit issue list --project-id <project\_id>

```

List for solution

```

$ imerit issue list-for-solution --solution-id <solution\_id>

```

**### Session**

List for project

```

$ imerit session list --project-id <project\_id> --starting <starting\_timestamp> --ending <ending\_timestamp>

```

List for project & export to CSV file

```

$ imerit session list --project-id 00861db7-7659-4286-8e8e-d45fc037ee3e --starting <starting\_timestamp> --ending <ending\_timestamp> --directory <path/to/csv>

```

Retrieve

```

$ imerit session view --session-id <session\_id>

```

**### Group**

Add users to group

```

$ imerit group add-users --group-id <group\_id> --filename <path/to/csv>

```

Remove users from group

```

$ imerit group remove-users --group-id <group\_id> --filename <path/to/csv>

```