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# **TolaActivity Documentation**

***Release 1.2***

**TolaData**

**Sep 08, 2017**



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### Endpoints

- “programs”: “<http://activity.toladata.io/api/programs/>”,
- “sector”: “<http://activity.toladata.io/api/sector/>”,
- “projecttype”: “<http://activity.toladata.io/api/projecttype/>”,
- “office”: “<http://activity.toladata.io/api/office/>”,
- “siteprofile”: “<http://activity.toladata.io/api/siteprofile/>”,
- “country”: “<http://activity.toladata.io/api/country/>”,
- “initiations”: “<http://activity.toladata.io/api/projectagreements/>”,
- “tracking”: “<http://activity.toladata.io/api/tracking/>”,
- “indicator”: “<http://activity.toladata.io/api/indicator/>”,
- “reportingfrequency”: “<http://activity.toladata.io/api/reportingfrequency/>”,
- “tolauser”: “<http://activity.toladata.io/api/tolauser/>”,
- “indicatortype”: “<http://activity.toladata.io/api/indicatortype/>”,
- “objective”: “<http://activity.toladata.io/api/objective/>”,
- “disaggregationtype”: “<http://activity.toladata.io/api/disaggregationtype/>”,
- “level”: “<http://activity.toladata.io/api/level/>”,
- “externalservice”: “<http://activity.toladata.io/api/externalservice/>”,
- “externalservicerecord”: “<http://activity.toladata.io/api/externalservicerecord/>”,
- “strategicobjective”: “<http://activity.toladata.io/api/strategicobjective/>”,
- “stakeholder”: “<http://activity.toladata.io/api/stakeholder/>”,
- “stakeholdertype”: “<http://activity.toladata.io/api/stakeholdertype/>”,

- “capacity”: “<http://activity.toladata.io/api/capacity/>”,
- “evaluate”: “<http://activity.toladata.io/api/evaluate/>”,
- “profiletype”: “<http://activity.toladata.io/api/profiletype/>”,
- “province”: “<http://activity.toladata.io/api/province/>”,
- “district”: “<http://activity.toladata.io/api/district/>”,
- “adminlevelthree”: “<http://activity.toladata.io/api/adminlevelthree/>”,
- “village”: “<http://activity.toladata.io/api/village/>”,
- “contact”: “<http://activity.toladata.io/api/contact/>”,
- “documentation”: “<http://activity.toladata.io/api/documentation/>”,
- “collecteddata”: “<http://activity.toladata.io/api/collecteddata/>”,
- “tolatable”: “<http://activity.toladata.io/api/tolatable/>”,
- “disaggregationvalue”: “<http://activity.toladata.io/api/disaggregationvalue/>”,
- “projectagreements”: “<http://activity.toladata.io/api/projectagreements/>”,
- “loggedusers”: “<http://activity.toladata.io/api/loggedusers/>”,
- “checklist”: “<http://activity.toladata.io/api/checklist/>”,
- “organization”: “<http://activity.toladata.io/api/organization/>”,

## Example

```
:: curl -H “Authorization: Token adkai39a9sdfj239m0afi2” https://activity.toladata.io/api/programs/{ {id} }/“
```

```
GET /api/programs/
```

```
HTTP 200 OK Allow: GET, POST, OPTIONS Content-Type: application/json Vary: Accept
```

## Response

```
[
  {
    "url": "http://activity.toladata.io/api/programs/1/",
    "gaitid": "1001",
    "name": "Financial Assistance to Affected Communities",
    "funding_status": "Funded",
    "cost_center": "12345",
    "description": "DFID Funded Cash Emergency Distribution Program",
    "create_date": "2017-02-22T18:25:37Z",
    "edit_date": "2017-06-26T15:05:39Z",
    "budget_check": true,
    "public_dashboard": true,
    "fund_code": [],
    "sector": [
      "http://activity.toladata.io/api/sector/31/",
      "http://activity.toladata.io/api/sector/32/"
    ],
    "country": [
      "http://activity.toladata.io/api/country/1/"
    ]
  }
]
```

```
    ],  
    "user_access": []  
  },  
  ...  
]
```





## CHAPTER 2

---

### Install

---

<http://toladata.github.io/TolaActivity>

TolaActivity extends the functionality of TolaData to include a set of forms and reports for managing project activities for a Program. It includes workflow for approving and completing projects as well as sharing the output data.

TolaActivity functionality <http://www.github.com/toladata/TolaActivity> is intended to allow importing and exporting of project specific data from 3rd party data sources or excel files.

## Configuration Ensure that the configuration files (*.secret*, *.secret.yml*) are in the *config* folder.

## To deploy changes in activity servers Once all your changes have been committed to the repo, and before pushing them, run: `. travis.sh`

## To deploy locally Run the following commands from the root of this repository:

- `docker-compose build`
- `docker-compose up`

## USING virtualenv (Install virtualenv) `pip install virtualenv`

# Create Virtualenv `virtualenv --no-site-packages venv` \* use no site packages to prevent virtualenv from seeing your global packages

`. venv/bin/activate` \* allows us to just use pip from command line by adding to the path rather than full path

## Activate Virtualenv `source venv/bin/activate`

## Fix probable mysql path issue (for mac) `export PATH=$PATH:/usr/local/mysql/bin` \* or whatever path you have to your installed `mysql_config` file in the bin folder of mysql

`pip install -r requirements.txt`

## Set up DB `python manage.py migrate`

# Run App If your using more than one settings file change `manage.py` to point to local or dev file first `python manage.py runserver 0.0.0.0:8000` GOOGLE API `sudo pip install --upgrade google-api-python-client` \* O's let it run on any local address i.e. `localhost, 127.0.0.1` etc.



### Endpoint

- “indicator”: “http://activity.toladata.io/api/indicator/”,

This endpoint provides access to submitted indicators in JSON format.

### GET JSON List of all Indicators

Lists the programs endpoints accessible to requesting user

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/indicator/
```

### Response

```
[  
  {  
    "url": "http://activity.toladata.io/api/indicator/20/",  
    "name": "Number and percent of households using a financial product or service_  
↪developed through SimulaKO",  
    "number": "3.3",  
    "source": "DFID",  
    "definition": "Banko accounts opened through TabanKO that enrolled in a new_  
↪financial product developed by SimulaKO and opened by Banko. This does not include_  
↪HH accessing their accounts through the agent network",  
    "baseline": "0",
```

```
"lop_target": "7500",
"means_of_verification": "Banko records",
"data_collection_method": "reviewing banko reports and data",
"responsible_person": "Simulako research manager",
"method_of_analysis": "",
"information_use": "",
"comments": "",
"key_performance_indicator": false,
"create_date": "2017-02-22T18:26:12Z",
"edit_date": "2017-02-22T18:26:12Z",
"notes": null,
"reporting_frequency": null,
"sector": "http://activity.toladata.io/api/sector/4/",
"approved_by": null,
"approval_submitted_by": null,
"external_service_record": null,
"indicator_type": [
    "http://activity.toladata.io/api/indicatortype/1/"
],
"level": [
    "http://activity.toladata.io/api/level/3/"
],
"objectives": [],
"strategic_objectives": [],
"disaggregation": [],
"program": [
    "http://activity.toladata.io/api/programs/1/"
]
},
...
]
```

## GET JSON List of indicator end points using limit operators

Lists the programs endpoints accesible to the requesting user based on ‘start’ and/or ‘limit’ query parameters. Use the start parameter to skip a number of records and the limit parameter to limit the number of records returned.

**::** curl -H “Authorization: Token adkai39a9sdfj239m0afi2” <https://activity.toladata.io/api/indicator/?start=5>

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/indicator/?limit=2
```

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/indicator/?start=3&limit=4
```

## GET JSON List of indicator end points filter by program name

Lists the data endpoints accessible to requesting user, for the specified program name as a query parameter.

## Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/indicator/?program_name=Financial Assistance to Affected Communities
```

## GET JSON List of indicator end points filter by program country

Lists the indicator endpoints accessible to requesting user, for the specified `program` `country` as a query parameter.

## Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/indicator/?program_country=country=Afghanistan
```

## Retrieve a specific Indicator

Provides a list of json submitted data for a specific indicator.

## Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/indicator/2
```

## Response

```
::
```

```
{ "url": "http://activity.toladata.io/api/indicator/2/", "name": "Total number of male and female individuals participating in cash transfer programming (CTP)", "number": "1.1", "source": "Mercy Corps", "definition": "This is the total number of individuals included in the program, specifically per activity. For instance, total # of program participants receiving cash transfers, participating in CFW, receiving vouchers, or other activities falling under Early Economic Recovery (EER).", "baseline": "0", "top_target": "1300", "means_of_verification": "", "data_collection_method": "", "responsible_person": "", "method_of_analysis": "", "information_use": "", "comments": "", "key_performance_indicator": true, "create_date": "2017-02-22T18:26:13Z", "edit_date": "2017-03-09T04:46:39Z", "notes": "", "reporting_frequency": null, "sector": "http://activity.toladata.io/api/sector/4/", "approved_by": null, "approval_submitted_by": null, "external_service_record": null, "indicator_type": [
    "http://activity.toladata.io/api/indicortype/8/"
], "level": [
    "http://activity.toladata.io/api/level/1/"
], "objectives": [], "strategic_objectives": [
    "http://activity.toladata.io/api/strategicobjective/1/"
], "disaggregation": [], "program": [
```

```
        "http://activity.toladata.io/api/programs/1/"
    ]
}
```

## Paginate data of a specific form

Returns a list of json submitted data for a specific form using page number and the number of items per page. Use the `page` parameter to specify page number and `page_size` parameter is used to set the custom page size.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/indicator/20.json?page=1&page_size=4
```

### Endpoint

- “country”: “http://activity.toladata.io/api/country/”,

This endpoint provides access to submitted countries in JSON format.

### GET JSON List of all Countries

Lists the countries endpoints accessible to requesting user

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/country/
```

### Response

```
[  
  {  
    "url": "http://activity.toladata.io/api/country/1/",  
    "country": "Afghanistan",  
    "code": "AF",  
    "description": "",  
    "latitude": "34.5333",  
    "longitude": "69.1333",  
    "zoom": 5,  
    "create_date": "2015-02-05T21:21:53Z",  
    "edit_date": "2015-04-14T17:09:07Z",  
  },  
  ...  
]
```

```
"organization": "http://activity.toladata.io/api/organization/1/"
},
...
]
```

## GET JSON List of countries end points using limit operators

Lists the programs endpoints accesible to the requesting user based on ‘start’ and/or ‘limit’ query parameters. Use the start parameter to skip a number of records and the limit parameter to limit the number of records returned.

:: curl -H “Authorization: Token adkai39a9sdfj239m0afi2” <https://activity.toladata.io/api/country/?start=5>

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/country/?limit=2
```

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/country/?start=3&limit=4
```

## Retrieve a specific Country

Provides a list of json submitted data for a specific country

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/country/2
```

### Response

::

```
{ "url": "http://activity.toladata.io/api/country/2/", "country": "Pakistan", "code": "PK", "description": "",
  "latitude": "33.6667", "longitude": "73.1667", "zoom": 5, "create_date": "2015-04-14T17:12:49Z",
  "edit_date": "2015-04-14T17:12:49Z", "organization": "http://activity.toladata.io/api/organization/1/"
}
```

## Paginate data of a specific form

Returns a list of json submitted data for a specific form using page number and the number of items per page. Use the page parameter to specify page number and page\_size parameter is used to set the custom page size.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/country.json?page=1&page_size=4
```



### Endpoint

- “programs”: “<http://activity.toladata.io/api/programs/>”,

This endpoint provides access to submitted programs in JSON format. Where:

- `id` - the form unique identifier

### GET JSON List of all Programs

Lists the programs endpoints accessible to requesting user

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/programs/
```

### Response

```
[  
  {  
    "url": "http://activity.toladata.io/api/programs/1/",  
    "gaitid": "1001",  
    "name": "Financial Assistance to Affected Communities",  
    "funding_status": "Funded",  
    "cost_center": "12345",  
    "description": "DFID Funded Cash Emergency Distribution Program",  
    "create_date": "2017-02-22T18:25:37Z",  
  }  
]
```

```
"edit_date": "2017-06-26T15:05:39Z",
"budget_check": true,
"public_dashboard": true,
"fund_code": [],
"sector": [
    "http://activity.toladata.io/api/sector/31/",
    "http://activity.toladata.io/api/sector/32/"
],
"country": [
    "http://activity.toladata.io/api/country/1/"
],
"user_access": []
},
...
]
```

## GET JSON List of programs end points using limit operators

Lists the programs endpoints accessible to the requesting user based on ‘start’ and/or ‘limit’ query parameters. Use the start parameter to skip a number of records and the limit parameter to limit the number of records returned.

:: curl -H “Authorization: Token adkai39a9sdfj239m0afi2” <https://activity.toladata.io/api/programs/?start=5>

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/programs/?limit=2
```

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/programs/?start=3&limit=4
```

## GET JSON List of data end points filter by name

Lists the data endpoints accessible to requesting user, for the specified name as a query parameter.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/programs/?name=Financial Assistance to Affected Communities
```

## GET JSON List of data end points filter by country

Lists the programs endpoints accessible to requesting user, for the specified country as a query parameter.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/programs/?country_country=Afghanistan
```

## Retrieve a specific Program

Provides a list of json submitted data for a specific program.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/programs/1
```

### Response

::

```
{ "url": "http://activity.toladata.io/api/programs/1/", "gaitid": "1001", "name": "Financial Assistance to
Affected Communities", "funding_status": "Funded", "cost_center": "12345", "description": "DFID
Funded Cash Emergency Distribution Program", "create_date": "2017-02-22T18:25:37Z", "edit_date":
"2017-06-26T15:05:39Z", "budget_check": true, "public_dashboard": true, "fund_code": [], "sector": [
    "http://activity.toladata.io/api/sector/31/", "http://activity.toladata.io/api/sector/32/"
], "country": [
    "http://activity.toladata.io/api/country/1/"
], "user_access": []
}
```

## Paginate data of a specific form

Returns a list of json submitted data for a specific form using page number and the number of items per page. Use the page parameter to specify page number and page\_size parameter is used to set the custom page size.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/
↪api/programs/1.json?page=1&page_size=4
```

## Create a new Program

### Example

```
{
  'name': 'My Program',
  'gaitid': '1111',
  'country': ["http://activity.toladata.io/api/country/1/"]
}
```

## Response

```
{
  "url": "http://activity.toladata.io/api/programs/588/",
  "gaitid": "1111",
  "name": "My Program",
  "funding_status": "",
  "cost_center": null,
  "description": null,
  "create_date": "2017-06-27T15:29:37Z",
  "edit_date": "2017-06-27T15:29:37Z",
  "budget_check": false,
  "public_dashboard": false,
  "fund_code": [],
  "sector": [],
  "country": [
    "http://activity.toladata.io/api/country/1/"
  ],
  "user_access": []
}
```

### Endpoint

- “sector”: “http://activity.toladata.io/api/sector/”,

This endpoint provides access to submitted sectors in JSON format.

### GET JSON List of all Sectors

Lists the sector endpoints accessible to requesting user

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/sector/
```

### Response

```
[  
  {  
    "url": "http://activity.toladata.io/api/sector/11/",  
    "sector": "Agribusiness",  
    "create_date": "2015-04-30T21:08:12Z",  
    "edit_date": "2016-02-01T15:03:47Z"  
  },  
  ...  
]
```

## GET JSON List of sector end points using limit operators

Lists the programs endpoints accesible to the requesting user based on ‘start’ and/or ‘limit’ query parameters. Use the start parameter to skip a number of records and the limit parameter to limit the number of records returned.

:: curl -H “Authorization: Token adkai39a9sdfj239m0afi2” <https://activity.toladata.io/api/sector/?start=5>

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/sector/?limit=2
```

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/sector/?start=3&limit=4
```

## Retrieve a specific Sector

Provides a list of json submitted data for a specific sector.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/sector/22
```

### Response

::

```
{ "url": "http://activity.toladata.io/api/sector/22/", "sector": "Agriculture", "create_date": "2015-11-  
25T02:23:46Z", "edit_date": "2015-11-25T02:23:46Z"  
}
```

## Paginate data of a specific form

Returns a list of json submitted data for a specific form using page number and the number of items per page. Use the page parameter to specify page number and page\_size parameter is used to set the custom page size.

### Example

```
curl -H "Authorization: Token adkai39a9sdfj239m0afi2" https://activity.toladata.io/  
↪api/sector.json?page=1&page_size=4
```

## CHAPTER 7

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### Indices and tables

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- `genindex`
- `modindex`
- `search`