QUICK QUERIES

EXECUTE A QUICK QUERY

`POST` /contexts/{context_name}/query

HEADERS:

Required	Name	Description
●	Content-Type	Always set to "application/json".
	X-Auth-Token	Keystone token. If omitted, the query will be executed anonymously.
	X-Owner	Keystone user id. Query will be executed on behalf of that user. Requires "admin" role membership.
	Accept	Output format. text/plain – CSV (default) text/xml, application/xml – generic XML application/x-votable+xml – VOTABLE XML application/json – JSON application/fits – FITS application/x-dataset – serialized .NET DataSet

REQUEST FORMAT:

```
{
  "Query": "SELECT TOP 10 objid, ra, dec FROM PhotoObj",
  "TaskName": "my task", //optional (default = "REST Quick Job Task")
  "ReturnDataset": true //optional, deprecated (use "Accept" header instead)
}
```

LONG QUERIES

START A LONG QUERY JOB

PUT　　/contexts/{context_name}/jobs

HEADERS:

Required	Name	Description
●	Content-Type	Always set to "application/json".
●	X-Auth-Token	Keystone token.

REQUEST FORMAT:

```
{
  "Query": "SELECT TOP 10 objid, ra, dec FROM PhotoObj",
  "TaskName": "my task", //optional (default = "REST Job Task")
  "CreateTable": true, //optional (default = false)
  "TableName": "MyTable1", //optional (default = null)
  "Estimate": 100 //optional (default = 1)
}
```

RESPONSE FORMAT:

```
13747
```

CANCEL A JOB

DELETE　/jobs/{job_id}

HEADERS:

Required	Name	Description
●	X-Auth-Token	Keystone token.

GET JOB STATUS

GET /jobs/{job_id}

HEADERS:

Required	Name	Description
●	X-Auth-Token	Keystone token.

RESPONSE FORMAT:

```
{
  "JobID": 13747,
  "Rows": 10,
  "WebServicesID": 1267218510,
  "TimeSubmit": "2014-12-17T13:06:40.963",
  "TimeStart": "2014-12-17T13:06:45.943",
  "TimeEnd": "2014-12-17T13:06:46",
  "SendEmail": 0,
  "Status": 5,
  "AutoComplete": 0,
  "Estimate": 500,
  "TaskName": "my task",
  "OutputLoc": "",
  "HostIP": "DR10_long ",
  "Message": "Query Complete",
  "Query": "SELECT TOP 10 objid, ra, dec into mydb.MyTable1 from PhotoObj",
  "ModifiedQuery": "SELECT TOP 10 objid, ra, dec from
PhotoObj/*CASJOBS_INTO_TABLE: [sdssdb002].mydb_1267218510.webuser.MyTable1*/",
  "Target": "dr10",
  "OutputType": "QUERY",
  "Params": "",
  "Created_Table": "MyTable1"
}
```

TABLES

GET A LIST OF AVAILABLE TABLES

`GET` /contexts/{context_name}/tables

HEADERS:

Required	Name	Description
●	X-Auth-Token	Keystone token.

RESPONSE FORMAT:

```
[
    {
        "Name": "zooVotes",
        "Rows": 893212,
        "Size": 171000,
        "Date": 634587830885330000
    },
    {
        "Name": "zooSpec",
        "Rows": 667944,
        "Size": 139304,
        "Date": 634587830885400000
    },
    {
        "Name": "zooNoSpec",
        "Rows": 225268,
        "Size": 39944,
        "Date": 634587830885630000
    },

    ...

]
```

UPLOAD DATA INTO A TABLE

`POST` /contexts/{context_name}/tables/{table_name}

HEADERS:

Required	Name	Description
●	X-Auth-Token	Keystone token.

REQUEST FORMAT:

CSV formatted data

USERS

CREATE A USER

`PUT`   /users/{keystone_user_id}

HEADERS:

Required	Name	Description
●	X-Auth-Token	Keystone token.

REQUEST FORMAT:

```
{
  "UserId": "test",
  "FullName": "Test User",
  "Email": "test@ideas.org",
  "TableName": "MyTable1",
  "Password": "1ZqNVPJBOA"
}
```

DELETE A USER

`DELETE`   /users/{keystone_user_id}

HEADERS:

Required	Name	Description
●	X-Auth-Token	Keystone token.

GET USER INFO

`GET`   /users/{keystone_user_id}

HEADERS:

Required	Name	Description
●	X-Auth-Token	Keystone token.

RESPONSE FORMAT:

```
{
  "UserId": "test",
  "FullName": "Test User",
  "Email": "test@idies.org",
  "MyDBHost": "sdssdb002.pha.jhu.edu",
  "MyDBName": "MYDB_1267218510",
  "WebServicesId": 1267218510
}
```