
cdrouter.py Documentation

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QA Cafe

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Introduction

cdrouter is a simple Python wrapper for the CDRouter Web API. <https://support.qacafe.com/cdrouter-web-api/>
For more information on CDRouter, please visit <http://www.qacafe.com/>.

1.1 Download & Install

cdrouter is available on PyPI.

```
$ pip install -U cdrouter
```

1.2 Usage

```
import time
import cdrouter
from cdrouter.jobs import Job

cdr = cdrouter.Service('http://localhost:8015', token='deadbeef')

for p in cdr.packages.list(filter=['tags@>{noretry}'], limit='none'):
    print 'Launching package ' + p.name

    j = cdr.jobs.launch(Job(package_id=p.id, extra_cli_args='-testvar myvar=example'))

    while j.result_id == None:
        time.sleep(1)
        j = cdr.jobs.get(j.id)

    print '    Result-ID: ' + j.result_id

print 'done.'
```

2.1 cdrouter

Python client for the CDRouter Web API.

2.2 cdrouter.Service

class `cdrouter.Service` (*base, token, insecure=False*)
Service for accessing the CDRouter Web API.

bulk_copy (*base, resource, ids, schema*)
Send an authorized POST request to bulk copy a set of resources.

bulk_delete (*base, resource, ids=None, filter=None, all=False*)
Send an authorized POST request to bulk delete a set of resources.

bulk_edit (*base, resource, fields, ids=None, filter=None, all=False, testvars=None*)
Send an authorized POST request to bulk edit a set of resources.

bulk_export (*base, ids, params=None*)
Send an authorized GET request to bulk export a set of resources.

create (*base, resource*)
Send an authorized POST request to create a new resource.

delete (*path, params=None*)
Send an authorized DELETE request.

delete_id (*base, id*)
Send an authorized DELETE request to delete a resource by ID.

edit (*base, id, resource*)
Send an authorized PATCH request to edit a resource.

edit_shares (*base, id, user_ids*)
Send an authorized PATCH request to edit a resource's shares.

export (*base, id, format='gz', params=None*)
Send an authorized GET request to export a resource.

get (*path, params=None, stream=None*)
Send an authorized GET request.

get_id (*base, id, params=None*)

Send an authorized GET request to get a resource by ID.

get_shares (*base, id*)

Send an authorized GET request to get a resource's shares.

list (*base, filter=None, sort=None, limit=None, page=None, format=None*)

Send an authorized GET request for a collection.

patch (*path, json, params=None*)

Send an authorized PATCH request.

post (*path, json=None, data=None, params=None, files=None*)

Send an authorized POST request.

2.3 cdrouter.ConfigsService

2.4 cdrouter.DevicesService

2.5 cdrouter.JobsService

2.6 cdrouter.PackagesService

2.7 cdrouter.ResultsService

2.8 cdrouter.TestResultsService

2.9 cdrouter.AnnotationsService

2.10 cdrouter.CapturesService

2.11 cdrouter.HighlightsService

2.12 cdrouter.ImportsService

2.13 cdrouter.ExportsService

2.14 cdrouter.HistoryService

2.15 cdrouter.SystemService

2.16 cdrouter.TagsService

2.17 cdrouter.TestsuitesService

2.18 cdrouter.UsersService

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