
Speedcurve.py Documentation

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A python wrapper for around the [SpeedCurve API v1](#). Heavily influenced by [github3.py](#)

[Full documentation](#)

Example Use

```
from speedcurve import SpeedCurve

sc = SpeedCurve(api_key='your-api-key-here')
# Get all sites for a user
sites = sc.sites()

# Get trends and all tests for a URL
urls = sc.urls()

# Retrieve metadata for a specific URL
urls = sc.url(14419, browser='all')

# Get a test
test = sc.test(id='140317_BA_3W8')

# Get all the notes for the main site
notes = sc.notes()

# Add a note. Timestamp defaults to now()
note = sc.create_note(
    note="Cleared CDN Cache",
    detail="Testing origin response times"
)

# Get latest deployment
latest_deployment = sc.get_latest_deployment()

# Get a deployment specified by id
deployment = sc.get_deployment(id=16627)

# Add a deployment to default Site for API key
sc.add_deployment(
    note="Code deployment",
    detail="Triggered a deployment to test session capability"
)

# Add a deployment and trigger round of testing specified by site id
sc.add_deployment(
    site_id=123,
    note="Code deployment",
    detail="Triggered a deployment to test origin response times."
)
```

Testing

Run `pip install -r dev-requirements.txt`. You can then execute `tox`.

Contributing

3.1 Guidelines

Explicit is better than implicit

1. Fork the repository and make changes (add yourself to **AUTHORS.rst**)
2. Test changes locally by running **tox**
3. Squash changes into a single commit
4. Create pull request to **develop** branch

3.2 Note:

Travis-CI **will** FAIL if there isn't 100% test coverage. Please include a test with your change.

Welcome to Speedcurve.py's documentation!

4.1 API

class `speedcurve.SpeedCurve` (*api_key=None, session=None*)
Stored session information.

add_deployment (*site_id=None, note=None, detail=None*)
Add a deployment and trigger round of testing.

Parameters

- **site_id** (*int*) – (optional) site id to trigger deploy.
- **note** (*string*) – (required) short note used on site
- **detail** (*string*) – (optional) detail to display for more context

Returns *Deployment*

get_deployment (*id*)
Retrieve a deployment specified by id.

Params **int id** (required) id of deployment

Returns *Deployment*

get_latest_deployment ()
Retrieve latest deployment.

Returns *Deployment*

notes ()
Retrieve all notes for main site in User' account.

Returns Generator of *Note*

sites ()
Retrieve all sites for account.

test (*id*)
Retrieve test specified by test id.

Parameters **id** (*string*) – (required) ID of test

Returns instance of *Test*

url (*id, days=30, browser='all'*)
Retrieve url specified by id.

Parameters

- **id** (*int*) – (required) id of URL
- **days** (*int*) – (optional) number of days of tests (max: 365)
- **browser** (*string*) – (optional) all, chrome, firefox, ie, or safari

Returns *Url*

class `speedcurve.tests.Test` (*json*, *session=None*, *api_key=None*)
The Test object.

class `speedcurve.urls.Url` (*json*, *session=None*, *api_key=None*)
The Url object.

class `speedcurve.deployments.Deployment` (*json*, *session=None*, *api_key=None*)
Deployment class.

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