
Skyscanner Python SDK Documentation

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Ardy Dedase

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Contents:

Skyscanner PHP SDK

Skyscanner PHP SDK for Skyscanner's API

- Free software: Apache 2.0 license
- SDK Documentation: <https://skyscanner-php.readthedocs.org>.
- API Documentation: <http://business.skyscanner.net/portal/en-GB/Documentation/ApiOverview>

Features

- Tested on PHP 5.4, 5.5, 5.6 and HHVM
- Supports Flights, Hotels, and Carhire

Installation

```
composer update
```

Running Tests

The recommended way of testing in your local machine is using Docker. This package includes a `docker-compose` file that is meant to run the unit tests on different PHP versions.

```
docker-compose run php54 phpunit  
docker-compose run php55 phpunit  
docker-compose run php56 phpunit
```

Usage

<https://skyscanner-php.readthedocs.org/en/latest/usage.html>

CHAPTER 2

Installation

At the command line:

```
$ easy_install skyscanner
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv skyscanner  
$ pip install skyscanner
```

Usage

To use Skyscanner Python SDK in a project, make sure that you set your API Key. For example:

```
from skyscanner import Flights

flights_service = Flights('<Your API Key>')
```

Flights: Live Pricing

<http://business.skyscanner.net/portal/en-GB/Documentation/FlightsLivePricingList>

Get live prices:

```
from skyscanner import Flights

flights_service = Flights('<Your API Key>')
result = flights_service.get_result(
    country='UK',
    currency='GBP',
    locale='en-GB',
    originplace='SIN-sky',
    destinationplace='KUL-sky',
    outbounddate='2015-05-28',
    inbounddate='2015-05-31',
    adults=1)
```

Flights: Browse Cache

<http://business.skyscanner.net/portal/en-GB/Documentation/FlightsBrowseCacheOverview>

Cheapest quotes:

```
from skyscanner import FlightsCache

flights_cache_service = FlightsCache('<Your API Key>')
result = flights_cache_service.get_cheapest_quotes(
    country='UK',
    currency='GBP',
    locale='en-GB',
    originplace='SIN-sky',
    destinationplace='KUL-sky',
    outbounddate='2015-05',
    inbounddate='2015-06')
```

Cheapest price by route:

```
from skyscanner import FlightsCache

flights_cache_service = FlightsCache('<Your API Key>')
result = flights_cache_service.get_cheapest_price_by_route(
    country='UK',
    currency='GBP',
    locale='en-GB',
    originplace='SIN-sky',
    destinationplace='KUL-sky',
    outbounddate='2015-05',
    inbounddate='2015-06')
```

Cheapest price by date:

```
from skyscanner import FlightsCache

flights_cache_service = FlightsCache('<Your API Key>')
result = flights_cache_service.get_cheapest_price_by_date(
    country='UK',
    currency='GBP',
    locale='en-GB',
    originplace='SIN-sky',
    destinationplace='KUL-sky',
    outbounddate='2015-05',
    inbounddate='2015-06')
```

Grid of prices by date:

```
from skyscanner import FlightsCache

flights_cache_service = FlightsCache('<Your API Key>')
result = flights_cache_service.get_grid_prices_by_date(
    country='UK',
    currency='GBP',
    locale='en-GB',
    originplace='SIN-sky',
    destinationplace='KUL-sky',
    outbounddate='2015-05',
    inbounddate='2015-06')
```

Car Hire

<http://business.skyscanner.net/portal/en-GB/Documentation/CarHireLivePricing>

Get live prices:

```
from skyscanner import CarHire

carhire_service = CarHire('<Your API Key>')
result = carhire_service.get_result(
    market='UK',
    currency='GBP',
    locale='en-GB',
    pickupplace='LHR-sky',
    dropoffplace='LHR-sky',
    pickupdatetime='2015-05-29T12:00',
    dropoffdatetime='2015-05-29T18:00',
    driverage='30',
    userip='175.156.244.174')
```

Car hire autosuggest:

```
from skyscanner import CarHire

carhire_service = CarHire('<Your API Key>')
result = carhire_service.location_autosuggest(
    market='UK',
    currency='GBP',
    locale='en-GB',
    query='Kuala')
```

Hotels

<http://business.skyscanner.net/portal/en-GB/Documentation/HotelsOverview>

Hotels autosuggest:

```
from skyscanner import Hotels

hotels_service = Hotels('<Your API Key>')
result = hotels_service.location_autosuggest(
    market='UK',
    currency='GBP',
    locale='en-GB',
    query='Kuala')
```

Hotels prices and details:

```
from skyscanner import Hotels

hotels_service = Hotels(self.api_key)
result = hotels_service.get_result(
    market='UK',
    currency='GBP',
    locale='en-GB',
    entityid=27543923,
```

```
checkindate='2015-05-26',  
checkoutdate='2015-05-30',  
guests=1,  
rooms=1)
```

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given. You can contribute in many ways:

Types of Contributions

Report Bugs

Report bugs at <https://github.com/Skyscanner/skyscanner-python-sdk/issues>.

If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” is open to whoever wants to implement it.

Implement Features

Look through the GitHub issues for features. Anything tagged with “feature” is open to whoever wants to implement it.

Write Documentation

Skyscanner Python SDK could always use more documentation, whether as part of the official Skyscanner Python SDK docs, in docstrings, or even on the web in blog posts, articles, and such.

Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/Skyscanner/skyscanner-python-sdk/issues>.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

Get Started!

Ready to contribute? Here's how to set up *skyscanner* for local development.

1. Fork the *skyscanner* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/skyscanner-python-sdk.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv skyscanner
$ cd skyscanner/
$ python setup.py develop
```

4. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 skyscanner tests
$ python setup.py test
$ tox
```

To get flake8 and tox, just pip install them into your virtualenv.

6. Commit your changes and push your branch to GitHub:

```
$ git add .
$ git commit -m "Your detailed description of your changes."
$ git push origin name-of-your-bugfix-or-feature
```

7. Submit a pull request through the GitHub website.

Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.6, 2.7, 3.3, and 3.4, and for PyPy. Check https://travis-ci.org/Skyscanner/skyscanner-python-sdk/pull_requests and make sure that the tests pass for all supported Python versions.

Tips

To run a subset of tests:

```
$ python -m unittest tests.test_skyscanner
```


CHAPTER 5

Credits

Development Lead

- Ardy Dedase <ardy.dedase@skyscanner.net>

Contributors

- Denis Dudnik <deniska.dudnik@gmail.com>
- Amado Martinez <amado@projectivemotion.com>

CHAPTER 6

History

CHAPTER 7

1.0.0 (2015-03-24)

- First release on PyPI.

CHAPTER 8

1.1.0 (2015-07-18)

- Stable release on PyPI.

CHAPTER 9

Indices and tables

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