
discogs_finder Documentation

Release 1.1

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Usage: discogs-finder [OPTIONS] [QUERY]...

FIND Every Release

Find the releases in your collection with an easy key value search. The script ‘discogs-finder’ accepts one QUERY that is specified in form of a ‘key=value’ format. If the value contains whitespace, the argument must be contained in “quotation marks”.

1.1 Examples

```
$ discogs-finder --u titm6her name="Keith Jarrett"  
$ discogs-finder --u titm6her name="ABC Impulse!"  
$ discogs-finder --u titm6her id=3318191  
$ discogs-finder --u --v titm6her title="An Evening"
```

1.2 Options

--u TEXT	Your discogs user name
--v	Verbose output dumping the whole json-file
--p	Pretty output
--help	Show this message and exit.

finder

Load your *Discogs* collection, query releases and format them to strings

`discogs_finder.finder.found_in_release(data, add=None, **query)`
 Searches recursively in all leafes of the tree

Parameters

- **data** (*dict*) – the data tree
- **add** (*list*) – address pre-fix, default *None*
- **query** (*dict*) – the key value pair to look for

Returns

- *True* if pair was found else *False*
- If the pair was found, its address is returned, i.e., the sequence of nodes leading to the pair. List indices are returned as *unicode(i)*. Note: If the pair was not found there is still a list returned but it contains an *arbitrary* address.
- the matched value

Return type (bool, list, string)

Note: The value must only be *contained* in a leaf not equal the leafs value, i.e., “Kei” matches “Keith”.

Example

```
>>> with open('discogs_finder/tests/test.json', 'r') as f:
...     r = json.load(f)
>>> found_in_release(r, name="Keith")
(True, [u'basic_information', u'artists', u'0', u'name'],
u'Keith Jarrett')
```

`discogs_finder.finder.load_data(username)`
 Gets user collection (in all folders)

The collection is retrieved for the specified user from the Discogs API.

Parameters **username** (*string*) – user name

Returns user collection

Return type (dict)

Example

```
>>> load_data('tim6her')
[{'instance_id': 188396596, 'date_added': ...
```

`discogs_finder.finder.release_string(d_release)`

Produces a string describing a release

Parameters `d_release` (*dict*) – dictionary containing the release data

Returns representing the release

Return type (string)

Raises (KeyError)

if the data does not contain the field “basic_information”.

```
>>> release_string({'id': 1})
Traceback (most recent call last):
...
KeyError: "Your release 1 doesn't contain the field 'basic_information'"
```

Example

```
>>> with open('discogs_finder/tests/test.json', 'r') as f:
...     r = json.load(f)
>>> release_string(r)
u'Keith Jarrett: Shades (3318191)'
```

discogs_finder

FIND Every Release in your collection This is a small commandline tool that fetches your discogs collection and performs a deep key value search.

```
$ discogs-finder --u tim6her name=Chick
Searching for {'name': 'Chick'}
1)  Herbie Hancock & Chick Corea: An Evening With Herbie Hancock & Chick Corea In Concert 1978 (53004)
    basic_information.artists.1.name = Chick Corea
2)  Chick Corea & Friedrich Gulda: The Meeting (2210545)
    basic_information.artists.0.name = Chick Corea
3)  Wolfgang Amadeus Mozart, Chick Corea, Friedrich Gulda, Concertgebouworkest, Nikolaus Harnoncourt
    basic_information.artists.1.name = Chick Corea
```

It can also return the whole json entry for the matched releases using the `--v` option.

```
$ discogs-finder --u tim6her --v name=Pob
Searching for {'name': 'Pob'}
{
  "instance_id": 207732124,
  "date_added": "2017-01-14T05:32:34-08:00",
  "basic_information": {
    "formats": [
      {
        "qty": "1",
        "descriptions": [
          "LP",
          "Album", ...
        ]
      }
    ]
  }
}
```

For help on usage run `discogs-finder --help` or consult the [Docs](#).

Indices and tables

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