
OracleFinder Documentation

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CHAPTER 1

Available Oracles

Provider	Oracle address	Adapters
Smartcontract.com	<i>TBA</i>	Unknown
OracleFinder.com	<i>TBA</i>	<ul style="list-style-type: none">• CoinMarketCap• CryptoCompare

2.1 CoinMarketCap

2.1.1 Overview

Adapter for use on Google Cloud Platform or AWS Lambda. Upload Zip and use trigger URL as bridge endpoint. This adapter will work for the CoinMarketCap.com API, both free and paid.

2.1.2 Installation

```
npm install
```

Listing 1: Create ZIP:

```
zip -r cl-cmc.zip .
```

Create a cloud function in GCP or Lambda, and set the handler function according to the platform you are using.

- GCP: `gcpservice`
- AWS: `handler`

Note: Remember set the environment variable `API_KEY` to your CoinMarketCap API Key!

2.1.3 Test Cases (GCP/AWS test events)

Fail

Listing 2: Event:

```
{  
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",  
  "data": {}  
}
```

Listing 3: Result:

```
{  
  "jobRunID": "278c97ffadb54a5bbb93cfec5f7b5503",  
  "status": "errored",  
  "error": "Not a valid endpoint"  
}
```

Pass

Listing 4: Event:

```
{  
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",  
  "data": {  
    "endpoint": "cryptocurrency",  
    "path": "info",  
    "symbol": "BTC"  
  }  
}
```

Listing 5: Result:

```
{  
  "jobRunID": "278c97ffadb54a5bbb93cfec5f7b5503",  
  "data": {  
    "status": {  
      "timestamp": "2018-09-05T08:19:35.467Z",  
      "error_code": 0,  
      "error_message": null,  
      "elapsed": 4,  
      "credit_count": 1  
    },  
    "data": {  
      "BTC": {  
        "urls": {  
          "website": [  
            "https://bitcoin.org/"  
          ],  
          "twitter": [],  
          "reddit": [  
            "https://reddit.com/r/bitcoin"  
          ],  
          "message_board": [  
            "https://bitcointalk.org"  
          ],  
          "announcement": [],  
          "chat": [],  
        }  
      }  
    }  
  }  
}
```

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```

        "explorer": [
            "https://blockchain.info/",
            "https://live.blockcypher.com/btc/",
            "https://blockchair.com/bitcoin/blocks
↪"
        ],
        "source_code": [
            "https://github.com/bitcoin/"
        ]
    },
    "logo": "https://s2.coinmarketcap.com/static/img/
↪coins/64x64/1.png",
    "id": 1,
    "name": "Bitcoin",
    "symbol": "BTC",
    "slug": "bitcoin",
    "date_added": "2013-04-28T00:00:00.000Z",
    "tags": [
        "mineable"
    ],
    "category": "coin"
}
}
}
}
}

```

Listing 6: Event:

```

{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "cryptocurrency",
    "path": "map"
  }
}

```

Listing 7: Event:

```

{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "cryptocurrency",
    "path": "latest",
    "resource": "quotes",
    "id": "1,2",
    "convert": "GBP"
  }
}

```

Listing 8: Event:

```

{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "global-metrics",

```

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```
    "path": "latest",  
    "resource": "quotes"  
  }  
}
```

2.2 CryptoCompare

2.2.1 Overview

Adapter for use on Google Cloud Platform or AWS Lambda. Upload Zip and use trigger URL as bridge endpoint.

2.2.2 Installation

Build

```
npm install
```

Listing 9: Create ZIP:

```
zip -r cl-cc.zip .
```

Tip: You can use one of our precompiled ZIP files from [Releases](#). Most recent release: [cl-cc-aws-gcp.zip](#)

Upload

Create a cloud function in GCP or Lambda, upload the ZIP file and set the handler function according to the platform you are using.

- GCP: `gcp-service`
- AWS: `handler`

2.2.3 Test Cases (GCP/AWS test events)

Fail

Listing 10: Event:

```
{  
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",  
  "data": {}  
}
```

Listing 11: Result:

```
{
  "jobRunID": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "Response": "Error",
    "Message": "",
    "Type": 1,
    "Aggregated": false,
    "Data": [],
    "Path": "/data/",
    "ErrorsSummary": "Not implemented"
  }
}
```

Pass

Listing 12: Event:

```
{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "price",
    "fsym": "ETH",
    "tsyms": "USD"
  }
}
```

Listing 13: Result:

```
{
  "jobRunID": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "USD": 285.58
  }
}
```

Listing 14: Event:

```
{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "price",
    "fsym": "ETH",
    "tsyms": "USD, EUR, JPY"
  }
}
```

Listing 15: Event:

```
{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "pricemulti",
    "fsyms": "BTC, ETH",
  }
}
```

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```
        "tsyms": "USD, EUR"
    }
}
```

Listing 16: Event:

```
{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "pricemultifull",
    "fsyms": "BTC, ETH",
    "tsyms": "USD, EUR"
  }
}
```

Listing 17: Event:

```
{
  "id": "278c97ffadb54a5bbb93cfec5f7b5503",
  "data": {
    "endpoint": "generateAvg",
    "fsym": "ETH",
    "tsym": "USD",
    "exchange": "Kraken"
  }
}
```

CHAPTER 3

Indices and tables

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