

# Package: fmpapi (via r-universe)

February 10, 2025

**Type** Package

**Title** Flexible Client for the 'Financial Modeling Prep' API

**Version** 0.2.0.9000

**Description** Provides a flexible interface to the 'Financial Modeling Prep' API  
<<https://site.financialmodelingprep.com/developer/docs>>. The package supports all available endpoints and parameters, enabling R users to interact with a wide range of financial data.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.2

**Depends** R (>= 4.1)

**Imports** httr2 (>= 1.0.0), dplyr (>= 1.0.0), cli (>= 1.0.0)

**Suggests** spelling, testthat (>= 3.0.0)

**URL** <https://github.com/tidy-finance/r-fmpapi>,  
<https://tidy-finance.github.io/r-fmpapi/>

**BugReports** <https://github.com/tidy-finance/r-fmpapi/issues>

**Config/testthat/edition** 3

**Language** en-US

**Config/pak/sysreqs** libssl-dev

**Repository** <https://tidy-finance.r-universe.dev>

**RemoteUrl** <https://github.com/tidy-finance/r-fmpapi>

**RemoteRef** HEAD

**RemoteSha** 306b128d454994c47e165008b5ff205dc1548d35

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|         |   |
|---------|---|
| fmp_get | <i>Retrieve Financial Data from the Financial Modeling Prep (FMP) API</i> |
|---------|---|

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### Description

This function fetches financial data from the FMP API, including balance sheet statements, income statements, cash flow statements, historical market data, stock lists, and company profiles.

### Usage

```
fmp_get(
  resource,
  symbol = NULL,
  params = list(),
  api_version = "v3",
  snake_case = TRUE
)
```

### Arguments

|             |  |
|-------------|--|
| resource    | A string indicating the API resource to query. Examples include "balance-sheet-statement", "income-statement", "cash-flow-statement", "historical-market-capitalization", "profile", and "stock/list". |
| symbol      | A string specifying the stock ticker symbol (optional).  |
| params      | List of additional arguments to customize the query (optional).  |
| api_version | A string specifying the version of the FMP API to use. Defaults to "v3".   |
| snake_case  | A boolean indicating whether column names are converted to snake_case. Defaults to TRUE.   |

### Value

A data frame containing the processed financial data.

### Examples

```
## Not run:
# Get available balance sheet statements
fmp_get(
  resource = "balance-sheet-statement",
  symbol = "AAPL"
)
```

```
# Get last income statements
fmp_get(
  resource = "income-statement",
  symbol = "AAPL",
  params = list(limit = 1)
)

# Get annual cash flow statements
fmp_get(
  resource = "cash-flow-statement",
  symbol = "AAPL",
  params = list(period = "annual")
)

# Get historical market capitalization
fmp_get(
  resource = "historical-market-capitalization",
  symbol = "UNH",
  params = list(from = "2023-12-01", to = "2023-12-31")
)

# Get stock list
fmp_get(
  resource = "stock/list"
)

# Get company profile
fmp_get(
  resource = "profile", symbol = "AAPL"
)

# Search for stock information
fmp_get(
  resource = "search", params = list(query = "AAP")
)

# Get data with original column names
fmp_get(
  resource = "profile", symbol = "AAPL", snake_case = FALSE
)

## End(Not run)
```

**Description**

This function prompts the user to input their Financial Modeling Prep (FMP) API key and saves it to a `.Renvi`ron file, either in the project directory or the home directory. It also gives the user the option to add `.Renvi`ron to `.gitignore` for security purposes.

**Usage**

```
fmp_set_api_key()
```

**Value**

Invisibly returns TRUE after saving the key or aborting the operation. The function will read the `.Renvi`ron file after saving, allowing the environment variables to be immediately available. A restart of the R session is recommended.

**Examples**

```
fmp_set_api_key()
```

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