

# Favorite Coin List Api

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## 1. Installation

### 1.1. Docker

#### 1.1.1. Pull image from Docker Hub

[Dockerhub](#)

```
❶  
docker pull batace/favorite_coin_list_api:latest  
  
❷  
docker run -it -p --name fav-list-api 8080:8080 batace/favorite_coin_list_api
```

❶ Pull the docker image

❷ Run it locally

Navigate to [localhost:8080/favorite-list/swagger-ui](http://localhost:8080/favorite-list/swagger-ui)

### 1.2. Source Code

1. Unzip the project
2. Open project in your IDE
3. Navigate to the root of application
4. Run project `mvn spring-boot:run`

## 1.3. Swagger-UI

1. Run the application
2. Navigate to <localhost:8080/favorite-list/swagger-ui>

This should provide sufficient information. For more information refer to [API Documentation](#).

## 2. API Documentation

### 2.1. BASE URL

[favorite-list/](#)

Examples

<localhost:8080/favorite-list/coin/overview>

<localhost:8080/favorite-list/overview>

### 2.2. URL'S

Request	Path	Description	Description Response 200	Description Response 400	BODY
GET	/swagger-ui	View the Swagger UI	Swagger found	/	/
GET	coin/overview	Returns list of all crypto coins	Found list of crypto coins	/	/
GET	coin/search/{name}	Returns all crypto coin's where the name is like searched name	Found list of crypto coins	Invalid input	/
POST	coin/new	Creates a new coin	Creation successful	Invalid coin name	{ "name": "BITCOIN", "alias_currency": "BTC_EUR" }
GET	/overview	Returns of all favorite list(s)	Found id and name of favorite list(s)	/	/
GET	/overview/{id}	Returns all coins inside a specific favorite list	All coins inside of favorite list(s) (if any were added)	Invalid id	/

Request	Path	Description	Description Response 200	Description Response 400	BODY
POST	/new/{name}	Create a new Favorite list	Favorite list creation successful	Invalid name	/
POST	/add-coin	Update a coin inside Favorite list	Update successful	Invalid id or coin already exists in list	{ "coin_id": X, "fav_list_id": Y }
DELETE	/remove-coin	Delete a coin from Favorite list	Remove successful	Invalid coin id or coin not in list or invalid favorite list id	{ "coin_id": X, "fav_list_id": Y }



Replace the X and Y values with actual values!

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