UnifiedReturnValue

- **Description:** Define a rule that the back end should return the value to the front end.
- **Details:**

```
{
"state":true,
"stateCode":200,
"subject":"image upload",
"description":"https://bloom-wellness-back.herokuapp.com/file/image/3",
"functionName":"updateImage",
"date":"Mar 14, 2021 9:01:05,EST,AM"
}
```

  - state: the return state of a function, records if the function executed successfully.
  - stateCode: 404/200 or kinds of numbers
  - subject: the subject of the function
  - description: the details of the return message of the function, usually storage the important message of the function.
  - functionName: which function is executed
  - data: the time of function is executed

Image

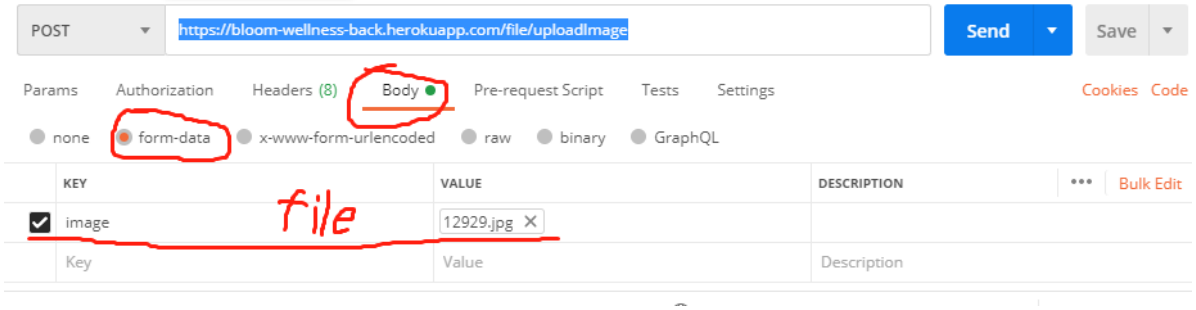
- **Description:** Define the information of an image
- **Details:**

```
private int id;//auto increasement
private String name; // the name of the image
private Date updateDate; // the time the image was updated
private Binary content; //storage the image matrix
private String contentType; // the type of the image
private long size; // the size of the image
```

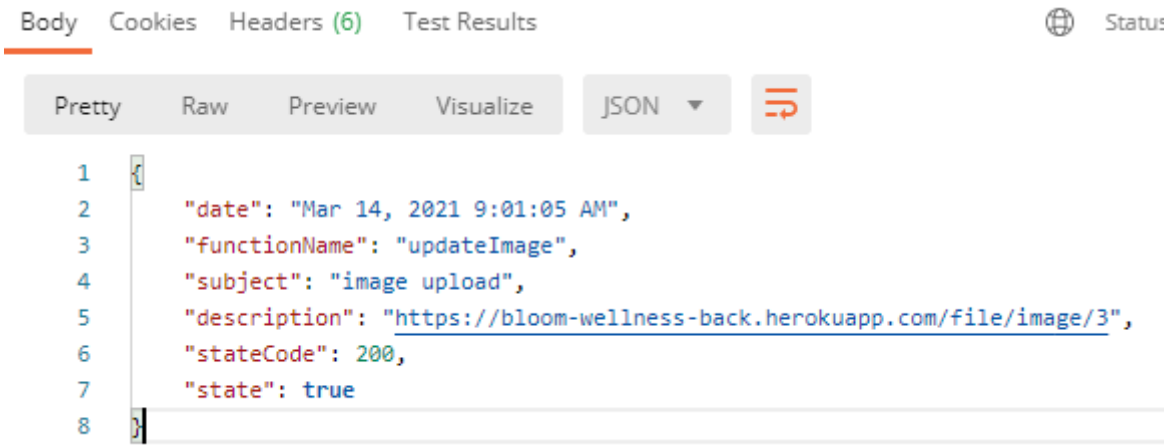
ImageUpdate

- **Description:** upload the image and storage them into the mongodb
- **Interface:** https://bloom-wellness-back.herokuapp.com/file/uploadImage
- **Method:** Post

- put the image into the request body and send request(file not string)



- **return value:**



  - The description dipicts the uri which storages the picture.

ImageDownload

- **Description:** download the image
- **Interface:** https://bloom-wellness-back.herokuapp.com/file/image/{id}
  - example: https://bloom-wellness-back.herokuapp.com/file/image/3
- **Method:** GET
- **return value:** byte[], we can also put it into UnifiedReturnValue, depends on front end.