

Create a simple custom API class with PHP

1. Create a base API superclass

```
1. class API
2. {
3.     protected $response = array();
4.
5.     public function __construct()
6.     {
7.         $this->contentType('application/json');
8.     }
9.
10.    protected function contentType($type)
11.    {
12.        header("Content-Type: $type");
13.    }
14.
15.    protected function responseJson($statusCode, $statusMessage, $data)
16.    {
17.        header("HTTP/1.1 $statusCode $statusMessage");
18.
19.        $this->response['statusCode'] = $statusCode;
20.        $this->response['statusMessage'] = $statusMessage;
21.        $this->response['data'] = $data;
22.
23.        return json_encode($this->response);
24.    }
25. }
```

2. Create a subclass that extends above API

```
1. class PasswordServiceAPI extends API
2. {
3.     /**
4.      * Hash the plain password provided
5.      *
6.      * http://Legacyapp.cpom/api/PasswordServiceAPI/hashPassword?plain=Ab1L853Z24N
7.      *
8.      * @return json
9.      */
10.    public function hashPassword()
11.    {
12.        if (!isset($_GET['plain']) or empty($_GET['plain'])) {
13.            echo $this->responseJson(
14.                422,
15.                "Unprocessable Entity",
16.                null
17.            );
18.
19.            return;
20.        }
21.    }
```

```
22.     $hash = bcrypt($_GET['plain']);
23.
24.     echo $this->responseJson(
25.         200,
26.         "Success",
27.         $hash
28.     );
29. }
30. }
31.
```
