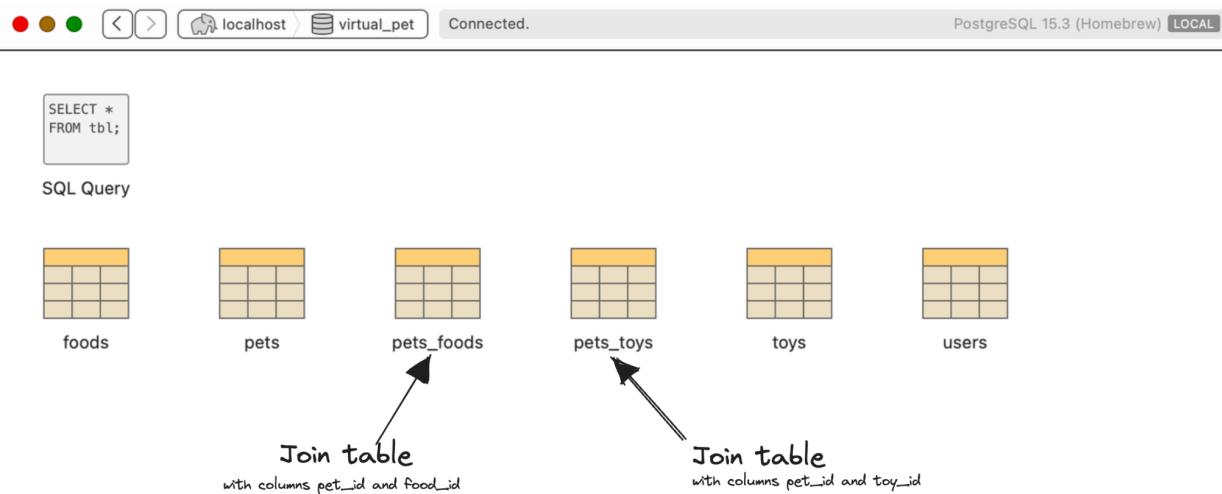


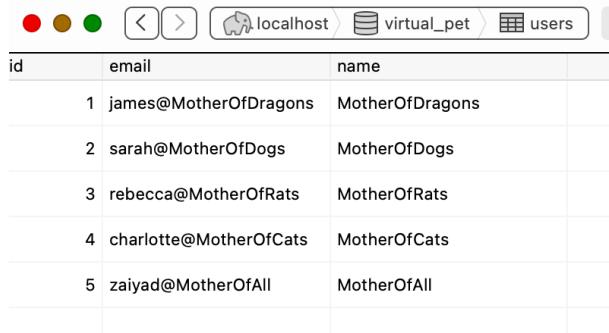
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Database Tables

Overview of tables



User



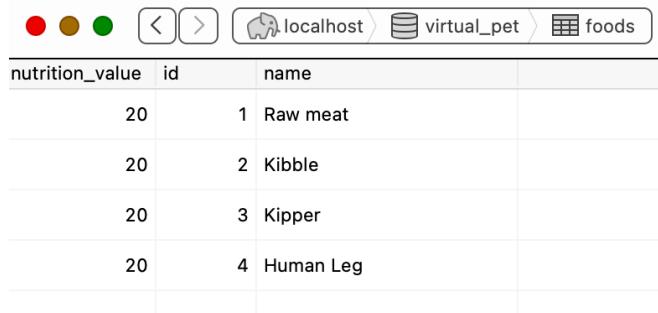
The screenshot shows a MySQL Workbench interface with the following details:

- Toolbar icons: red, yellow, green, back, forward, localhost, database icon, virtual_pet, users.
- Database: virtual_pet
- Table: users
- Table structure:

id	email	name
1	james@MotherOfDragons	MotherOfDragons
2	sarah@MotherOfDogs	MotherOfDogs
3	rebecca@MotherOfRats	MotherOfRats
4	charlotte@MotherOfCats	MotherOfCats
5	zaiyad@MotherOfAll	MotherOfAll

users		
PK	<u>id</u>	<u>SERIAL</u>
	name	VARCHAR(255)
	email	VARCHAR(255)

Food



The screenshot shows a MySQL Workbench interface with the following details:

- Toolbar icons: red, yellow, green, back, forward, localhost, database icon, virtual_pet, foods.
- Database: virtual_pet
- Table: foods
- Table structure:

nutrition_value	id	name
20	1	Raw meat
20	2	Kibble
20	3	Kipper
20	4	Human Leg

foods		
PK	<u>id</u>	<u>SERIAL</u>
	name	VARCHAR(255)
	nutrition_value	INT

Toy

The screenshot shows a PostgreSQL pgAdmin interface. At the top, there are three colored circles (red, brown, green) and navigation buttons (<, >). Below that is a breadcrumb trail: localhost > virtual_pet > toys. The main area displays a table with the following data:

happiness_value	id	name
20	1	Humans
20	2	Ball
20	3	Stick
20	4	Yarn

toys		
PK	<u>id</u>	<u>SERIAL</u>
	name	VARCHAR(255)
	happiness_value	INT

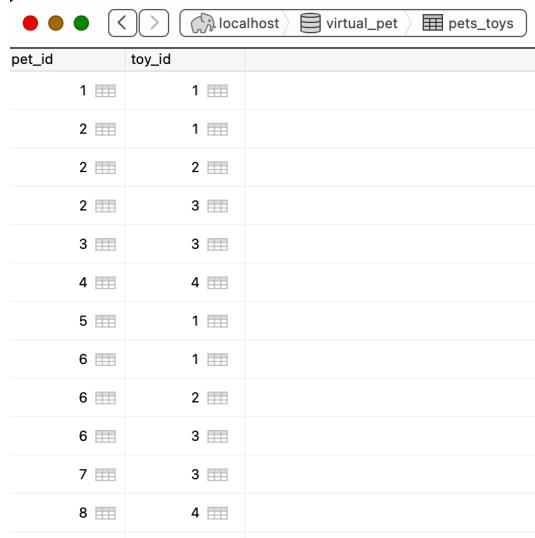
Pet

The screenshot shows a PostgreSQL pgAdmin interface. At the top, there are three colored circles (red, brown, green) and navigation buttons (<, >). Below that is a breadcrumb trail: localhost > virtual_pet > pets. A status message "Connected." is displayed. The main area displays a table with the following data:

energy_level	happiness_level	species	id	user_id	name
50	50	2	1	1	Khaleesi
50	50	0	2	2	Dougal
50	50	3	3	3	Sesame
50	50	1	4	4	Tiddles
50	50	2	5	5	Drogon
50	50	0	6	5	Derek
50	50	3	7	5	Peach
50	50	1	8	5	Giggles

pets		
PK	<u>id</u>	SERIAL
	name	VARCHAR(255)
	species	INT
	happiness_level	INT
	energy_level	INT
FK	user_id	LONG

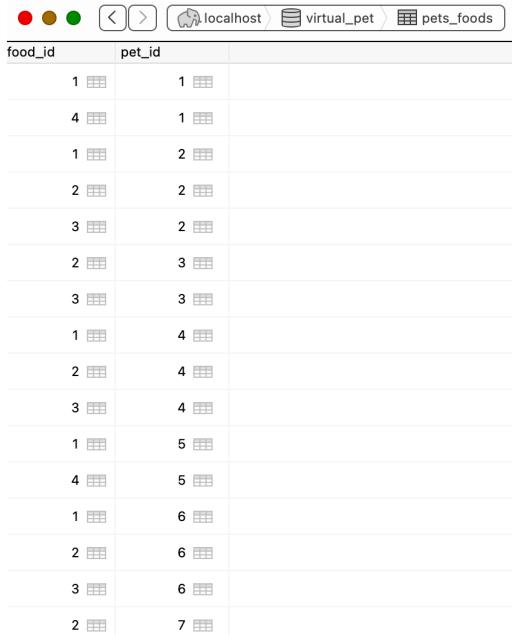
Join table pets_toys



MySQL Workbench interface showing the pets_toys table:

pet_id	toy_id
1	1
2	1
2	2
2	3
3	3
4	4
5	1
6	1
6	2
6	3
7	3
8	4

Join table pets_foods



The screenshot shows a MySQL Workbench interface with the following details:

- Top navigation bar: A red dot, a brown dot, a green dot, a left arrow, a right arrow, a localhost icon, a virtual_pet icon, and a pets_foods icon.
- Table structure: pets_foods
- Table columns: food_id and pet_id
- Data rows:

food_id	pet_id
1	1
4	1
1	2
2	2
3	2
2	3
3	3
1	4
2	4
3	4
1	5
4	5
1	6
2	6
3	6
2	7

Route Mappings

User Mappings

Get all users

HTTP Virtual Pet / get all users

GET localhost:8080/users

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON ↗

```
1 {
2   "name": "MotherOfDragons",
3   "id": 1,
4   "email": "james@MotherOfDragons",
5   "pets": [
6     {
7       "id": 1,
8       "name": "Khaleesi",
9       "species": "DRAGON",
10      "happinessLevel": 50,
11      "energyLevel": 50,
12      "user": {
13        "name": "MotherOfDragons",
14        "id": 1,
15        "email": "james@MotherOfDragons"
16      },
17      "toys": [
18        {
19          "id": 1,
20          "name": "Humans",
21          "happinessValue": 20
22        }
23      ],
24      "foods": [
25        {
26          "id": 1,
27          "name": "Raw meat",
28          "nutritionValue": 20
29        },
21        {
32          "id": 4,
33          "name": "Human Leg",
34          "nutritionValue": 20
35        }
36      ]
37    }
```

Get User By Id

HTTP Virtual Pet / **get user by id**

GET localhost:8080/users/2

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1  {
2    "name": "MotherOfDogs",
3    "id": 2,
4    "email": "sarah@MotherOfDogs",
5    "pets": [
6      {
7        "id": 2,
8        "name": "Dougal",
9        "species": "DOG",
10       "happinessLevel": 50,
11       "energyLevel": 50,
12       "user": {
13         "name": "MotherOfDogs",
14         "id": 2,
15         "email": "sarah@MotherOfDogs"
16       },
17       "toys": [
18         {
19           "id": 1,
20           "name": "Humans",
21           "happinessValue": 20
22         },
23         {
24           "id": 2,
25           "name": "Ball",
26           "happinessValue": 20
27         }
28       ]
29     }
30   }
```

Create User

HTTP Virtual Pet / **create new user**

POST localhost:8080/users

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON**

```
1 {
2   "name": "Cruella De Vil",
3   "email": "cruella@gmail.com"
4 }
```

Body Cookies Headers (5) Test Results Status: 201

Pretty Raw Preview Visualize JSON

```
312   "id": 2,
313   "name": "Kibble",
314   "nutritionValue": 20
315   },
316   {
317     "id": 3,
318     "name": "Kipper",
319     "nutritionValue": 20
320   ],
321   ]
322   ]
323   ]
324   ],
325   {
326     "name": "Cruella De Vil",
327     "id": 6,
328     "email": "cruella@gmail.com",
329     "pets": []
330   }
331 ]
```

Delete User

HTTP Virtual Pet / delete user

DELETE localhost:8080/users/2

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": "MotherOfDragons",
3   "id": 1,
4   "email": "james@MotherOfDragons",
5   "pets": [
6     {
7       "id": 1,
8       "name": "Khaleesi",
9       "species": "DRAGON",
10      "happinessLevel": 50,
11      "energyLevel": 50,
12      "user": {
13        "name": "MotherOfDragons",
14        "id": 1,
15        "email": "james@MotherOfDragons"
16      },
17      "toys": [
18        {
19          "id": 1,
20          "name": "Humans",
21          "happinessValue": 20
22        }
23      ],
24      "foods": [
25        {
26          "id": 1,
27          "name": "Raw meat",
28          "nutritionValue": 20
29        },
2
30        {
31          "id": 4,
32          "name": "Human Leg",
33          "nutritionValue": 20
34        }
35      ]
36    }
37  }
38 },
39 {
40   "name": "MotherOfRats",
41   "id": 3,
42   "email": "rebecca@MotherOfRats",
43   "pets": [
44     {
45       "id": 3,
46       "name": "Sesame",
47       "species": "RAT",
48     }
49   ]
50 }
```

Update User

HTTP Virtual Pet / update user

PATCH localhost:8080/users/1

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON**

```
1 {  
2   "name": "James",  
3   "email": "James@gmail"  
4 }
```

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 {  
2   "name": "James",  
3   "id": 1,  
4   "email": "James@gmail",  
5   "pets": [  
6     {  
7       "id": 1,  
8       "name": "Khaleesi",  
9       "species": "DRAGON",  
10      "happinessLevel": 50,  
11      "energyLevel": 50,  
12      "user": {  
13        "name": "James",  
14        "id": 1,  
15        "email": "James@gmail"  
16      },  
17      "+ovs" . }
```

Toy mappings

Get All Toys

Virtual Pet / get all toys

GET localhost:8080/toys

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON ↻

```
1 [ { 2   "id": 1, 3   "name": "Humans", 4   "happinessValue": 20, 5   "pets": [ 6     { 7       "id": 1, 8       "name": "Khaleesi", 9       "species": "DRAGON", 10      "happinessLevel": 50, 11      "energyLevel": 50 12    }, 13    { 14      "id": 2, 15      "name": "Dougal", 16      "species": "DOG", 17      "happinessLevel": 50, 18      "energyLevel": 50 19    }, 20    { 21      "id": 5, 22      "name": "Drogon", 23      "species": "DRAGON", 24      "happinessLevel": 50, 25      "energyLevel": 50 26    }, 27    { 28      "id": 6, 29      "name": "Derek", 30      "species": "DOG", 31      "happinessLevel": 50, 32      "energyLevel": 50 33    } 34  ], 35 }, 36 { 37   "id": 2, 38   "name": "Ball", 39   "happinessValue": 20, 40   "pets": [ 41     { 42       "id": 2, 43       "name": "Dougal", 44       "species": "DOG", 45       "happinessLevel": 50, 46       "energyLevel": 50 47     }, 48   ] }
```

HTTP Virtual Pet / get all toys

GET localhost:8080/toys

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results

Status: 200 OK

Pretty Raw Preview Visualize JSON

```
48 |     },
49 |     {
50 |         "id": 6,
51 |         "name": "Derek",
52 |         "species": "DOG",
53 |         "happinessLevel": 50,
54 |         "energyLevel": 50
55 |
56     ],
57 },
58 {
59     "id": 3,
60     "name": "Stick",
61     "happinessValue": 20,
62     "pets": [
63         {
64             "id": 2,
65             "name": "Dougal",
66             "species": "DOG",
67             "happinessLevel": 50,
68             "energyLevel": 50
69         },
70         {
71             "id": 3,
72             "name": "Sesame",
73             "species": "RAT",
74             "happinessLevel": 50,
75             "energyLevel": 50
76         },
77         {
78             "id": 6,
79             "name": "Derek",
80             "species": "DOG",
81             "happinessLevel": 50,
82             "energyLevel": 50
83         },
84         {
85             "id": 7,
86             "name": "Peach",
87             "species": "RAT",
88             "happinessLevel": 50,
89             "energyLevel": 50
90         }
91     ],
92 },
93 {
94     "id": 4,
95     "name": "Yarn",
```

Get Toy By Id

HTTP Virtual Pet / **get toy by id**

GET localhost:8080/toys/2

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 2,
3   "name": "Ball",
4   "happinessValue": 20,
5   "pets": [
6     {
7       "id": 2,
8       "name": "Dougal",
9       "species": "DOG",
10      "happinessLevel": 50,
11      "energyLevel": 50
12    },
13    {
14      "id": 6,
15      "name": "Derek",
16      "species": "DOG",
17      "happinessLevel": 50,
18      "energyLevel": 50
19    }
20  ]
21 }
```

Create Toy

HTTP Virtual Pet / **create new toy**

POST

▼

localhost:8080/toys

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON ▾

```
1 {  
2   "name": "squeaker",  
3   "happinessValue": 10  
4 }
```

Body

Cookies

Headers (5)

Test Results



Status: 201 Created

Pretty

Raw

Preview

Visualize

JSON ▾



```
110   "energyLevel": 50  
111 }  
112 ]  
113 },  
114 {  
115   "id": 5,  
116   "name": "squeaker",  
117   "happinessValue": 10,  
118   "pets": []  
119 }  
120 ]
```

Delete Toy

HTTP Virtual Pet / New Request

DELETE localhost:8080/toys/3

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	Key	Value	De
--	-----	-------	----

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON 

```
37  {
38    "id": 2,
39    "name": "Ball",
40    "happinessValue": 20,
41    "pets": [
42      {
43        "id": 2,
44        "name": "Dougal",
45        "species": "DOG",
46        "happinessLevel": 50,
47        "energyLevel": 50
48      },
49      {
50        "id": 6,
51        "name": "Derek",
52        "species": "DOG",
53        "happinessLevel": 50,
54        "energyLevel": 50
55      }
56    ],
57  },
58  {
59    "id": 4,
60    "name": "Yarn",
61    "happinessValue": 20,
62    "pets": [
63      {
64        "id": 1
65      }
66    ]
67  }
```

Update Toy

HTTP Virtual Pet / update a toy

PATCH localhost:8080/toys/2

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON**

```
1 {  
2   "name": "tennis ball",  
3   "happinessValue": 15  
4 }
```

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize **JSON**

```
1 {  
2   "id": 2,  
3   "name": "tennis ball",  
4   "happinessValue": 15,  
5   "pets": [  
6     {  
7       "id": 2,  
8       "name": "Dougal",  
9       "species": "DOG",  
10      "happinessLevel": 50,  
11      "energyLevel": 50  
12    },  
13    {  
14      "id": 6,  
15      "name": "Derek",  
16      "species": "DOG",  
17      "happinessLevel": 50,  
18      "energyLevel": 50  
19    }  
20  ]  
21 }
```

Food Mappings

Get All Foods

HTTP Virtual Pet / get all foods

GET localhost:8080/foods

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "name": "Raw meat",
4   "nutritionValue": 20,
5   "pets": [
6     {
7       "id": 1,
8       "name": "Khaleesi",
9       "species": "DRAGON",
10      "happinessLevel": 50,
11      "energyLevel": 50
12    },
13    {
14      "id": 2,
15      "name": "Dougal",
16      "species": "DOG",
17      "happinessLevel": 50,
18      "energyLevel": 50
19    },
20    {
21      "id": 4,
22      "name": "Tiddles",
23      "species": "CAT",
24      "happinessLevel": 50,
25      "energyLevel": 50
26    },
27    {
28      "id": 5,
29      "name": "Drogon",
30      "species": "DRAGON",
31      "happinessLevel": 50
32    }
33 }
```

HTTP Virtual Pet / get all foods

GET

▼

localhost:8080/foods

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Body

Cookies

Headers (5)

Test Results

🌐 Status: 200 OK

Pretty

Raw

Preview

Visualize

JSON

▼



```
32      "happinessLevel": 50,  
33      "energyLevel": 50  
34    },  
35    {  
36      "id": 6,  
37      "name": "Derek",  
38      "species": "DOG",  
39      "happinessLevel": 50,  
40      "energyLevel": 50  
41    },  
42    {  
43      "id": 8,  
44      "name": "Giggles",  
45      "species": "CAT",  
46      "happinessLevel": 50,  
47      "energyLevel": 50  
48    }  
49  ]  
50 },  
51 {  
52   "id": 2,  
53   "name": "Kibble",  
54   "nutritionValue": 20,  
55   "pets": [  
56     {  
57       "id": 2,  
58       "name": "Dougal",  
59       "species": "DOG",  
60       "happinessLevel": 50,  
61       "energyLevel": 50  
62     },  
63   ]
```

Get Food By Id

HTTP Virtual Pet / **get food by id**

GET

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON 

```
1 {
2   "id": 2,
3   "name": "Kibble",
4   "nutritionValue": 20,
5   "pets": [
6     {
7       "id": 2,
8       "name": "Dougal",
9       "species": "DOG",
10      "happinessLevel": 50,
11      "energyLevel": 50
12    },
13    {
14      "id": 3,
15      "name": "Sesame",
16      "species": "RAT",
17      "happinessLevel": 50,
18      "energyLevel": 50
19    },
20    {
21      "id": 4,
22      "name": "Tiddles",
23      "species": "CAT",
24      "happinessLevel": 50,
25      "energyLevel": 50
26    },
27    {
28      "id": 6,
29      "name": "Derek",
30      "species": "DOG",
31      "happinessLevel": 50,
32      "energyLevel": 50
33    }
34 }
```

Create Food

HTTP Virtual Pet / **create new user**

POST localhost:8080/foods

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON**

```
1 {  
2   ... "name": "beans",  
3   ... "nutritionValue": 5  
4 }
```

Body Cookies Headers (5) Test Results Status: 201 Created

Pretty Raw Preview Visualize JSON

```
165     |     |     |     "happinessLevel": 50,  
166     |     |     |     "energyLevel": 50  
167     |     |     }  
168     |     ]  
169     |     },  
170     |     {  
171     |     |     "id": 5,  
172     |     |     "name": "beans",  
173     |     |     "nutritionValue": 5,  
174     |     |     "pets": []  
175     |     }  
176     ]
```

Delete Food

HTTP Virtual Pet / delete food

DELETE

▼

localhost:8080/foods/1

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Body Cookies Headers (5) Test Results

Status: 404 Not Found

Pretty

Raw

Preview

Visualize

JSON ▾



```
1 [
2   {
3     "id": 2,
4     "name": "Kibble",
5     "nutritionValue": 20,
6     "pets": [
7       {
8         "id": 3,
9         "name": "Sesame",
10        "species": "RAT",
11        "happinessLevel": 50,
12        "energyLevel": 50
13      },
14      {
15        "id": 7,
16        "name": "Peach",
17        "species": "RAT",
18        "happinessLevel": 50,
19        "energyLevel": 50
20      }
21    ],
22  },
23  {
24    "id": 3,
25    "name": "Kipper",
26    "nutritionValue": 20,
27    "pets": [
28      {
29        "id": 3,
30        "name": "Sesame",
```

Update Food

HTTP Virtual Pet / update food

PATCH localhost:8080/foods/1

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {  
2   "name": "human arm",  
3   "nutritionValue": 12  
4 }
```

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 {  
2   "id": 1,  
3   "name": "human arm",  
4   "nutritionValue": 12,  
5   "pets": [  
6     {  
7       "id": 1,  
8       "name": "Khaleesi",  
9       "species": "DRAGON",  
10      "happinessLevel": 50,  
11      "energyLevel": 50  
12    },  
13    {  
14      "id": 2,  
15      "name": "Dougal",  
16      "species": "DOG",  
17      "happinessLevel": 50,  
18      "energyLevel": 50  
19    },  
20  ]}
```

Pet Mappings

Get All Pets

HTTP Virtual Pet / get all pets

GET

▼

localhost:8080/pets

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Body

Cookies

Headers (5)

Test Results

🌐 Status: 200 OK

Pretty

Raw

Preview

Visualize

JSON



```
1
2 {
3     "id": 8,
4     "name": "Giggles",
5     "species": "CAT",
6     "happinessLevel": 48,
7     "energyLevel": 48,
8     "user": {
9         "name": "MotherOfAll",
10        "id": 5,
11        "email": "zaiyad@MotherOfAll"
12    },
13    "toys": [
14        {
15            "id": 4,
16            "name": "Yarn",
17            "happinessValue": 20
18        }
19    ],
20    "foods": [
21        {
22            "id": 1,
23            "name": "Raw meat",
24            "nutritionValue": 20
25        },
26        {
27            "id": 2,
28            "name": "Kibble",
29            "nutritionValue": 20
30        },
31        {
32            "id": 3,
33            "name": "Lamb Chops",
34            "nutritionValue": 20
35        }
36    ]
37 }
```

HTTP Virtual Pet / get all pets

GET localhost:8080/pets

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
31 |   |   |   {
32 |   |   |   |   "id": 3,
33 |   |   |   |   "name": "Kipper",
34 |   |   |   |   "nutritionValue": 20
35 |   |   |
36 |   |   ] 
37 |   |   },
38 |   |   {
39 |   |   |   "id": 1,
40 |   |   |   "name": "Khaleesi",
41 |   |   |   "species": "DRAGON",
42 |   |   |   "happinessLevel": 46,
43 |   |   |   "energyLevel": 46,
44 |   |   |   "user": {
45 |   |   |   |   "name": "MotherOfDragons",
46 |   |   |   |   "id": 1,
47 |   |   |   |   "email": "james@MotherOfDragons"
48 |   |   },
49 |   |   "toys": [
50 |   |   |   {
51 |   |   |   |   "id": 1,
52 |   |   |   |   "name": "Humans",
53 |   |   |   |   "happinessValue": 20
54 |   |   },
55 |   |   ],
56 |   |   "foods": [
57 |   |   |   {
58 |   |   |   |   "id": 1,
59 |   |   |   |   "name": "Raw meat",
60 |   |   |   |   "nutritionValue": 20
61 |   |   },
62 |   |   ]
```

Filter Level Less Than

The screenshot shows the Postman interface with the following details:

- HTTP Method:** GET
- URL:** localhost:8080/pets?happinessLevel=45&energyLevel=45
- Query Params:** happinessLevel: 45, energyLevel: 45
- Body:** Status: 200 OK
- Pretty JSON Response:**

```
1 [ 
2   {
3     "id": 2,
4     "name": "Dougal",
5     "species": "DOG",
6     "happinessLevel": 40,
7     "energyLevel": 40,
8     "user": {
9       "name": "MotherOfDogs",
10      "id": 2,
11      "email": "sarah@MotherOfDogs"
12    },
13    "toys": [
14      {
15        "id": 1,
16        "name": "Humans",
17        "happinessValue": 20
18      },
19      {
20        "id": 2,
21        "name": "Ball",
22        "happinessValue": 20
23      },
24      {
25        "id": 3,
```

Get Pet By Id

HTTP Virtual Pet / get pet by id

GET

▼

localhost:8080/pets/1

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Query Params

	Key	Value	De
	Key	Value	De

Body Cookies Headers (5) Test Results

Status: 200 OK

Pretty

Raw

Preview

Visualize

JSON

CSV

```
1  {
2    "id": 1,
3    "name": "Khaleesi",
4    "species": "DRAGON",
5    "happinessLevel": 4,
6    "energyLevel": 4,
7    "user": {
8      "name": "MotherOfDragons",
9      "id": 1,
10     "email": "james@MotherOfDragons"
11   },
12   "toys": [
13     {
14       "id": 1,
15       "name": "Humans",
16       "happinessValue": 20
17     }
18   ],
19   "foods": [
20     {
21       "id": 1,
22       "name": "Meat"
23     }
24   ]
}
```

Create Pet

HTTP Virtual Pet / **create pet**

POST localhost:8080/pets

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON**

```
1 {  
2   "name": "Lexi",  
3   "species": 0,  
4   "userId": 3  
5 }  
6 }
```

Body Cookies Headers (5) Test Results Status: 201 Created

Pretty Raw Preview Visualize **JSON** ↻

```
1 [  
2   {  
3     "id": 9,  
4     "name": "Lexi",  
5     "species": "DOG",  
6     "happinessLevel": 50,  
7     "energyLevel": 50,  
8     "user": {  
9       "name": "MotherOfRats",  
10      "id": 3,  
11      "email": "rebecca@MotherOfRats"  
12    },  
13    "toys": [],  
14    "foods": []  
15  }  
16 ]
```

Delete Pet

HTTP Virtual Pet / **delete pet**

DELETE localhost:8080/pets/4

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
78 },
79 {
80     "id": 3,
81     "name": "Sesame",
82     "species": "RAT",
83     "happinessLevel": 50,
84     "energyLevel": 50,
85     "user": {
86         "name": "MotherOfRats",
87         "id": 3,
88         "email": "rebecca@MotherOfRats"
89     },
90     "toys": [
91         {
92             "id": 3,
93             "name": "Stick",
94             "happinessValue": 20
95         }
96     ],
97     "foods": [
98         {
99             "id": 2,
100            "name": "Kibble",
101            "nutritionValue": 20
102        },
103        {
104            "id": 3,
105            "name": "Kipper",
106            "nutritionValue": 20
107        }
108    ]
109 },
110 {
111     "id": 5,
112     "name": "Drogon",
113     "species": "DRAGON",
114     "happinessLevel": 50,
```

Update Pet

HTTP Virtual Pet / update pet

PATCH localhost:8080/pets/1

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1
2   "name": "kal",
3   "species": "3,
4   "userId": 1,
5   "happinessLevel": 50,
6   "energyLevel": 50,
7   "toyIds": [1,2,3],
8   "foodIds": [1,4]
```

Body Cookies Headers (5) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1
2   "id": 1,
3   "name": "kal",
4   "species": "RAT",
5   "happinessLevel": 50,
6   "energyLevel": 50,
7   "user": {
8     "name": "MotherOfDragons",
9     "id": 1,
10    "email": "james@MotherOfDragons"
11  },
12  "toys": [
13    {
14      "id": 1,
15      "name": "Humans",
16      "happinessValue": 20
17    },
18    {
19      "id": 2,
20      "name": "Ball",
21      "happinessValue": 20
22    },
23    {
24      "id": 3,
25      "name": "Stick",
26      "happinessValue": 20
27    }
28  ],
29  "foods": [
30    {
31      "id": 1,
32      "name": "Raw meat"
```

Feed Pet

HTTP Virtual Pet / feed pet

PATCH

Params • Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> foodId	1	
Key	Value	Description

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON 

```
1
2     "headers": {},
3     "body": {
4         "id": 1,
5         "name": "Khaleesi",
6         "species": "DRAGON",
7         "happinessLevel": 46,
8         "energyLevel": 66,
9         "user": {
10             "name": "MotherOfDragons",
11             "id": 1,
12             "email": "james@MotherOfDragons"
13         },
14         "toys": [
15             {
16                 "id": 1,
17                 "name": "Humans",
18                 "happinessValue": 20
19             }
20         ],
21         "foods": [
22             {
23                 "id": 4,
24                 "name": "Human Leg",
25                 "nutritionValue": 20
26             }
27         ]
28     },
29     "statusCode": "OK",
30     "statusCodeValue": 200
31 }
```

 Status: 200 OK

Play With Pet

HTTP Virtual Pet / play with pet

PATCH localhost:8080/pets/1/play?toyId=1

Params • Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

Key	Value	Description
Body	Cookies Headers (5) Test Results	Status: 200 OK

Pretty Raw Preview Visualize JSON ↻

```
1 {
2   "headers": {},
3   "body": {
4     "id": 1,
5     "name": "Khaleesi",
6     "species": "DRAGON",
7     "happinessLevel": 70,
8     "energyLevel": 50,
9     "user": {
10       "name": "MotherOfDragons",
11       "id": 1,
12       "email": "james@MotherOfDragons"
13     },
14     "toys": [],
15     "foods": [
16       {
17         "id": 1,
18         "name": "Raw meat",
19         "nutritionValue": 20
20       },
21       {
22         "id": 4,
23         "name": "Human Leg",
24         "nutritionValue": 20
25       }
26     ]
27   },
28   "statusCodeValue": 200,
29   "statusCode": "OK"
30 }
```

Auto Decrement

@Scheduled will decrease levels by 2 every 15 seconds . (stopwatch started the same time as code run)

Virtual Pet / get all pets

Save Send

GET localhost:8080/pets

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Status: 200 OK Time: 127 ms Size: 2.87 KB Save as Example

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id": 3,
4     "name": "Sesame",
5     "species": "RAT",
6     "happinessLevel": 50,
7     "energyLevel": 50,
8     "user": {
9       "name": "MotherOfRats",
10      "id": 3,
11      "email": "rebecca@MotherOfRats"
12    },
13    "toys": [
14      {
15        "id": 3,
16        "name": "Stick",
17        "happinessValue": 20
18      }
19    ],
20    "foods": [
21      {
22        "id": 2,
23        "name": "Kibble",
24        "nutritionValue": 20
25      },
26      {
27        "id": 3,
28        "name": "Kipper",
29        "nutritionValue": 20
30      }
31    ]
32  },
33  {
34    "id": 4,
35    "name": "Tiddles",
36    "species": "CAT",
37    ...
38  }
39]
```

World Clock | Alarm Stopwatch Timer

00:09.78

Lap No.	Split	Total
Lap 1	00:09.76	00:09.76

Lap Stop

HTTP Virtual Pet / get all pets

GET localhost:8080/pets

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Status: 200 OK Time: 57 ms Size: 2.87 KB Save as Example

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
{
  "id": 3,
  "name": "Sesame",
  "species": "RAT",
  "happinessLevel": 48,
  "energyLevel": 48,
  "user": {
    "name": "MotherOfRats",
    "id": 3,
    "email": "rebecca@MotherOfRats"
  },
  "toys": [
    {
      "id": 3,
      "name": "Stick",
      "happinessValue": 20
    }
  ],
  "foods": [
    {
      "id": 2,
      "name": "Kibble",
      "nutritionValue": 20
    },
    {
      "id": 3,
      "name": "Kipper",
      "nutritionValue": 20
    }
  ]
},
{
  "id": 4,
  "name": "Tiddles",
  "species": "CAT",
  "happinessLevel": 48,
  "energyLevel": 48,
  "user": {
    "name": "MotherOfCats",
    "id": 4,
    "email": "rebecca@MotherOfCats"
  },
  "toys": [
    {
      "id": 4,
      "name": "String",
      "happinessValue": 20
    }
  ],
  "foods": [
    {
      "id": 2,
      "name": "Kibble",
      "nutritionValue": 20
    },
    {
      "id": 3,
      "name": "Kipper",
      "nutritionValue": 20
    }
  ]
}
```

World Clock | Alarm Stopwatch Timer

00:24.18

Lap No.	Split	Total
Lap 1	00:24.17	00:24.17

Lap Stop