

Test Member APIs

Create a Member (POST /members)

POST <http://localhost:8080/members>

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** http://localhost:8080/members
- Body (raw):**

```
1 {
2   "name": "Clovis N",
3   "address": "12 Ladysmith St, St.John's, Canada",
4   "email": "clovis.n@gmail.com",
5   "phoneNumber": "709-567-7898",
6   "startDate": "2024-03-28",
7   "duration": 12
8 }
```
- Response (JSON):**

```
1 {
2   "id": 1,
3   "name": "Clovis N",
4   "address": "12 Ladysmith St, St.John's, Canada",
5   "email": "clovis.n@gmail.com",
6   "duration": 12,
7   "tournaments": [],
8   "phoneNumber": "709-567-7898",
9   "startDate": "2024-03-28"
10 }
```
- Status:** 200 OK
- Time:** 501 ms
- Size:** 351 B

Get All Members (GET /members)

GET <http://localhost:8080/members>

The screenshot shows a REST client interface with the following details:

- Request:** GET `http://localhost:8080/members`
- Response:** 200 OK, 37 ms, 541 B
- Body:** JSON format showing an array of 2 members.

```
1 [
2   {
3     "id": 1,
4     "name": "Clovis N",
5     "address": "12 Ladysmith St, St.John's, Canada",
6     "email": "clovis.n@mail.com",
7     "duration": 12,
8     "tournaments": [],
9     "phoneNumber": "709-567-7898",
10    "startDate": "2024-03-20"
11  },
12  {
13    "id": 2,
14    "name": "Clovis N",
15    "address": "12 Ladysmith St, St.John's, Canada",
16    "email": "clovis.n@mail.com",
```

Get a Member by ID (GET /members/{id})

GET <http://localhost:8080/members/1>

The screenshot shows a REST client interface with the following components:

- Request Bar:** Method: GET, URL: <http://localhost:8080/members/1>. Buttons for Save and Share are present.
- Request Body:** A large empty text area for the request body.
- Response Section:**
 - Body:** Displays the response in JSON format. The status is 200 OK, with a response time of 53 ms and a size of 351 B.
 - JSON View:** Shows the following JSON object:

```
1 {
2   "id": 1,
3   "name": "Clovis N",
4   "address": "12 Ladysmith St, St.John's, Canada",
5   "email": "clovis.n@gmail.com",
6   "duration": 12,
7   "tournaments": [],
8   "phoneNumber": "709-567-7898",
9   "startDate": "2024-03-20"
10 }
```
 - Preview:** A button to preview the response.
 - Visualize:** A button to visualize the response.

Delete a Member (DELETE /members/{id})

<http://localhost:8080/members/2>

The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8080/members/2`
- Method:** `DELETE`
- Environment:** No environment
- Body:** Empty
- Response:** `200 OK` (86 ms, 123 B)
- Headers:** 4 headers are listed.
- Body:** The response body is empty.
- Raw:** The raw response is displayed as `1`.

Test Tournament APIs

Create a Tournament (POST /tournaments)

POST <http://localhost:8080/tournaments>

The screenshot shows a REST client interface with the following details:

- Request:**
 - Method: POST
 - URL: `http://localhost:8080/tournaments`
 - Body (raw):

```
1 {
2   "startDate": "2024-06-01",
3   "endDate": "2024-06-05",
4   "location": "Paradise Golf Club, St.John's",
5   "entryFee": 150.00,
6   "cashPrize": 5000.00
7 }
```
- Response:**
 - Status: 200 OK
 - Time: 54 ms
 - Size: 312 B
 - Body (JSON):

```
1 {
2   "id": 1,
3   "startDate": "2024-06-01",
4   "endDate": "2024-06-05",
5   "location": "Paradise Golf Club, St.John's",
6   "entryFee": 150.0,
7   "cashPrize": 5000.0,
8   "members": []
9 }
```

Get All Tournaments (GET /tournaments)

GET <http://localhost:8080/tournaments>

The screenshot shows a REST client interface with the following details:

- Request:** GET `http://localhost:8080/tournaments`
- Response:** 200 OK, 24 ms, 463 B
- Body:** JSON format showing an array of two tournament objects.

```
1 [
2   {
3     "id": 1,
4     "startDate": "2024-06-01",
5     "endDate": "2024-06-05",
6     "location": "Paradise Golf Club, St.John's",
7     "entryFee": 150.0,
8     "cashPrize": 5000.0,
9     "members": []
10  },
11  {
12    "id": 2,
13    "startDate": "2024-06-01",
14    "endDate": "2024-06-05",
15    "location": "Paradise Golf Club, St.John's",
16    "entryFee": 150.0,
```

Get a Tournament by ID (GET /tournaments/{id})

GET <http://localhost:8080/tournaments/2>

The screenshot shows a REST client interface with the following details:

- Request:** GET `http://localhost:8080/tournaments/2`
- Response:** 200 OK, 22 ms, 312 B
- Body:** JSON format showing tournament details for ID 2.

```
1 {
2   "id": 2,
3   "startDate": "2024-06-01",
4   "endDate": "2024-06-05",
5   "location": "Paradise Golf Club, St.John's",
6   "entryFee": 150.0,
7   "cashPrize": 5000.0,
8   "members": []
9 }
```

Delete a Tournament (DELETE /tournaments/{id})

DELETE <http://localhost:8080/tournaments/1>

The screenshot displays a REST client interface with the following components:

- Top Bar:** Shows the method **DEL** and the URL **http://localhost:8080/to**. On the right, it indicates **No environment**.
- Request Bar:** Contains the URL **http://localhost:8080/tournaments/1** and a **DELETE** dropdown menu. A **Send** button is on the right.
- Request Body:** The **Body** tab is selected, showing a large empty text area with a tab indicator **1**.
- Response Section:** At the bottom, it shows the response status **204 No Content** in green, with a duration of **39 ms** and a size of **112 B**. Below this, the **Raw** tab is selected, showing a tab indicator **1** and an empty response body.

Test Many-to-Many Relationship APIs

Add a Member to a Tournament (PUT /tournaments/{tournamentId}/addMember/{memberId})

PUT <http://localhost:8080/tournaments/2/addMember/1>

The screenshot shows a REST client interface with the following details:

- Method:** PUT
- URL:** http://localhost:8080/tournaments/2/addMember/1
- Body:** The request body is empty.
- Response:** A 200 OK status with a response time of 62 ms and a body size of 499 B. The response is displayed in JSON format.

```
1 {
2   "id": 2,
3   "startDate": "2024-06-01",
4   "endDate": "2024-06-05",
5   "location": "Paradise Golf Club, St. John's",
6   "entryFee": 150.0,
7   "cashPrize": 5000.0,
8   "members": [
9     {
10      "id": 1,
11      "name": "Clovis N",
12      "address": "12 Ladysmith St, St. John's, Canada",
13      "email": "clovis.n@gmail.com",
14      "duration": 12,
15      "tournaments": [],
16      "phoneNumber": "709-567-7890",
```

Search Members by Name (GET /members?name=Clovis)

GET <http://localhost:8080/members?name=Clovis>

The screenshot shows a REST client interface with the following details:

- Request:** GET `http://localhost:8080/members?name=Clovis`
- Response:** 200 OK, 23 ms, 353 B
- Body:** JSON format, showing a single member object:

```
1 [
2   {
3     "id": 1,
4     "name": "Clovis N",
5     "address": "12 Ladysmith St, St.John's, Canada",
6     "email": "clovis.n@mail.com",
7     "duration": 12,
8     "tournaments": [],
9     "phoneNumber": "709-567-7898",
10    "startDate": "2024-03-20"
11  }
12 ]
```

Search Tournaments by Location (GET /tournaments?location=St. John's)

GET <http://localhost:8080/tournaments?location=St.John's>

The screenshot shows a REST client interface with the following details:

- Request:** GET `http://localhost:8080/tournaments?location=St.John's`
- Response:** 200 OK, 14 ms, 314 B
- Body:** JSON format, showing a single tournament object:

```
1 [
2   {
3     "id": 2,
4     "startDate": "2024-06-01",
5     "endDate": "2024-06-05",
6     "location": "Paradise Golf Club, St.John's",
7     "entryFee": 150.0,
8     "cashPrize": 5000.0,
9     "members": []
10  }
11 ]
```

Search Tournaments by Date (GET /tournaments?startDate=2024-06-01)

GET <http://localhost:8080/tournaments?startDate=2024-06-01>

GET http://localhost:8080/

No environment

http://localhost:8080/tournaments?startDate=2024-06-01

SaveShare

GET

http://localhost:8080/tournaments?startDate=2024-06-01

Send

ParamsAuthorizationHeaders (7)BodyScriptsTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

CookiesBeautify

1

BodyCookiesHeaders (5)Test Results

200 OK · 25 ms · 314 B

JSONPreviewVisualize

```
1  [
2    {
3      "id": 2,
4      "startDate": "2024-06-01",
5      "endDate": "2024-06-05",
6      "location": "Paradise Golf Club, St.John's",
7      "entryFee": 150.0,
8      "cashPrize": 5000.0,
9      "members": []
10   }
11 ]
```