

RESTful API Reference Documentation Sample

Note: This writing sample documents a *POST* and a *GET* request for a web-based event hosting app, "Reactivities." With "Reactivities," users create social events, join others' events, and chat with event hosts and attendees. I coded the app myself!

The *POST* request below shows how a user creates an event via the API. The *GET* request shows how a user retrieves the list of attendees for an existing event.

Creating an Event in "Reactivities"

Use the following **POST** request to create a new event as its host:

URL

POST <https://api.reactivities.com/v1/events>

Headers

<u>Header Name</u>	<u>Description</u>	<u>Required</u>	<u>Values</u>
Authorization	The user's App Key	Required	See section on Authorization
Content-Type	The request body format	Required	application/json
Accept	The response format	Optional	application/json (default) or application/xml

POST Body

<u>Field</u>	<u>Description</u>	<u>Type</u>	<u>Required</u>	<u>Notes</u>
name	The event's title	string	Required	Example: "Summer Book Club"

startDate	Event start date and time (ISO 8601)	string	Required	Example: 2025-06-21T19:00:00Z
endDate	Event end date and time (ISO 8601)	string	Required	Example: 2025-06-21T23:00:00Z
location	The city and venue of the event	string	Required	Example: "Westwood, Los Angeles"
capacity	Maximum number of attendees	int	Optional	Default: 100
description	Text description of the event	string	Optional	500 characters max

Sample Request

POST https://api.reactivities.com/v1/events

Authorization: Bearer 234c234892e08f

Content-Type: application/json

Accept: application/json

```
{
  "name": "Summer Book Club",
  "startDate": "2025-06-21T19:00:00Z",
  "endDate": "2025-06-21T23:00:00Z",
  "location": "Westwood, Los Angeles, CA",
  "capacity": 150,
  "description": "Celebrate all things fiction and non-fiction at the official Westwood Summer Book Club event complete with a roundtable discussion, snacks, and community networking."
}
```

Response

<u>Element</u>	<u>Description</u>	<u>Type</u>	<u>Notes</u>
eventId	The unique ID of the newly created event	int	
name	The name of the event	string	
startDate	The start date/time of the event	string	
endDate	The end date/time of the event	string	
location	The location of the event	string	

capacity	The event's capacity	int
isCancelled	Whether the event is cancelled	boolean Default: false

Sample Response

```
{
  "eventId": 8274,
  "name": "Summer Book Club",
  "startDate": "2025-06-21T19:00:00Z",
  "endDate": "2025-06-21T23:00:00Z",
  "location": "Westwood, Los Angeles, CA",
  "capacity": 150,
  "isCancelled": false
}
```

Retrieving Attendees for an Event in “Reactivities”

This is a **GET** request for when a host retrieves the list of attendees for one of their events.

URL

GET <https://api.reactivities.com/v1/events/{eventId}/attendees>

Parameters

<u>Parameter</u>	<u>Description</u>	<u>Type</u>	<u>Required</u>	<u>Notes</u>
eventId	The unique ID of the event	int	Required	Provided when the event was created
sortOrder	The order in which attendees are returned	string	Optional	Can be earliestSignup, latestSignup, or alphabetical (default: earliestSignup)

Headers

<u>Header Name</u>	<u>Description</u>	<u>Required</u>	<u>Values</u>
Authorization	The user's App Key	Required	See section on Authorization

Accept The response format Optional application/json (default) or application/xml

Sample Request

GET https://api.reactivities.com/v1/events/8274/attendees?sortOrder=latestSignup

Authorization: Bearer 234c234892e08f

Accept: application/json

Sample Response

```
{  
  "attendees": [  
    {  
      "userId": 1124,  
      "displayName": "Jessica L.",  
      "signupDate": "2025-06-12T10:30:00Z"  
    },  
    {  
      "userId": 1187,  
      "displayName": "Marc T.",  
      "signupDate": "2025-06-12T09:45:00Z"  
    }  
  ]  
}
```

Response Elements

<u>Element</u>	<u>Description</u>	<u>Type</u>	<u>Notes</u>
attendees	List of attendee objects	array	Each includes userId, displayName, and signupDate
userId	Unique identifier of the attendee	int	
displayName	Name displayed on the attendee's profile	string	
signupDate	Date/time the attendee registered	string	ISO 8601 format

Status Codes and Errors

<u>Code</u>	<u>Description</u>	<u>Notes</u>
200	OK	Successful GET or POST request
400	Bad Request	Missing or invalid input fields
401	Unauthorized	Invalid or missing App Key
404	Not Found	Event ID does not exist
500	Internal Server Error	An unexpected server error occurred

(end of writing sample)