

Specs for Partner search API

will be used by Bandsintown Partners

Request:

HTTP Method: GET

<https://search.bandsintown.com/search>

HTTP Query string parameters:

Key	Value type	Value default	Value description
query	Query Object (mandatory)	n/a	A JSON object, url encoded, containing the search parameters

Query Object:

Key	Value type	Value default	Value description
term	String (optional)	-	Search term, entered by the partner in the search box
scopes	Array of String (optional)	["artist", "venue"]	Restrict search to these scopes of entity for given term Possible values: artist, event, venue, event_id
region	Region Object (mandatory for location: region)	n/a	Limit the search to this geographical region (gps coordinates and radius). Not applicable for artist.
genre	String (optional)	all	Limit the search to a genre of music. Possible values: all, or any slug listed in this document Not applicable for user and venue search
genres	Array of String (optional)	-	Limit the search to a list of genres of music. Possible values: all, or any slug listed in this document Not applicable for user and venue search If genre and genres are specified in the same time, we take genre
tag	String (optional)	-	Limit the search to entities containing this tag (promotional or editorial usage). Only applicable to event or artist search

filter	String (optional)	-	Limit or enlarge the search to a user specific criteria. Possible values: For artist search: "on tour",
period	Period Object (optional)	-	Limit the search to a range of date. Only applicable to event search
entities	Array of Entity Object (mandatory)	n/a	List of top level entities expected in the response.

Region Object:

Key	Value type	Value default	Value description
place	String (optional)	-	Name of the region, such as the city name (San Diego, CA). Not actually use by the search API.
latitude	Double (mandatory)	n/a	Latitude coordinate WGS84 format
longitude	Double (mandatory)	n/a	Longitude coordinate WGS84 format
radius	Double (mandatory)	n/a	Radius in miles for the lat/long center (imperial miles). The max value allowed should be 200.

Period Object:

Key	Value type	Value default	Value description												
starts_at	String (optional)	request.local_time	Start date and time in ISO 8601 format, in the timezone of the request (local time). Format not ending with a Z is also supported.												
ends_at	String (optional)	distant future	End date and time in ISO 8601 format, in the timezone of the request (local time). Format not ending with a Z is also supported.												
relative_to	String (optional)	“all dates”	Define the time period based on the actual time in the timezone of the request. Possible values are: <table><tr><th>Value</th><th>Starts at</th><th>Ends at</th></tr><tr><td>“all dates”</td><td>request.local_time</td><td>Distant future</td></tr><tr><td>tonight</td><td>Today 4pm</td><td>Tomorrow 2am</td></tr><tr><td>tomorrow</td><td>Tomorrow 0am</td><td>Day after tomorrow 2am</td></tr></table>	Value	Starts at	Ends at	“all dates”	request.local_time	Distant future	tonight	Today 4pm	Tomorrow 2am	tomorrow	Tomorrow 0am	Day after tomorrow 2am
Value	Starts at	Ends at													
“all dates”	request.local_time	Distant future													
tonight	Today 4pm	Tomorrow 2am													
tomorrow	Tomorrow 0am	Day after tomorrow 2am													

			"this weekend"	This Friday 4pm	Next Monday 2am
			"next week"	Next Monday 0am	Following Monday 2am
			"next month"	1st day of next month at 0am	1st day of the month after next at 2am
local_time	String (optional)	-	This is the time zone provided by the request		

Entity Object:

Key	Value type	Value default	Value description
type	String (mandatory)	n/a	Type of main level entity objects expected in response. Possible values: artist, event, venue,
order	String (optional)	trackers for artist rsvps for event name for user distance for venue	Order of the entity objects in the response. Possible values: name (asc), trackers (desc) for artist "start date" (asc), "announcement date" (desc), "on sale date" (asc), rsvps (desc) or "artist name" (asc) for event name (asc) or friendship (desc) for user name (asc) or distance (asc) for venue
fields	String (optional)	n/a	The list of fields (comma separated) expected in the response. See here the possible field names for various type of entities.
limit	Integer (optional)	100	Limit the number of entity objects to be sent in the response. The max value allowed should be 200.
offset	Integer (optional)	0	Offset of the first entity object to be sent in the response. If offset is given (could be 0), the response will contain the pagination information. The max value allowed should be 1000.

Fields in response for top level entities:

Fields for Artist:

Name	Value type	In Stub	Value description
id	Integer	yes	Id of the artist
name	String	yes	Name of the artist
media_id	Integer	yes	Id of the media (image) for that artist. Maybe null
tracker_count	Integer	yes	Number of trackers for the artist
on_tour	Boolean	yes	Indicate if the artist is on tour (i.e.: has upcoming events)
verified	Boolean	yes	Indicate if the artist is verified (i.e.: is using Bandsintown Manager or has been vetted by Bandsintown manually).

Fields for Venue:

Name	Value type	In Stub	Value description
id	Integer	yes	Id of the venue
name	String	yes	Name of the venue
media_id	Integer	yes	Id of the media (image) for that venue. Maybe null
location	String	yes	Location of the venue. The format is either "City, Country" for non US venues, or "City, State" for US venues. E.g.:

Fields for Events:

Name	Value type	In Stub	Value description
id	Integer	yes	Id of the event
title	String (optional)	yes	
starts_at	String	yes	Date/Time when the event starts ie: "2017-04-21T19:00:00"
venue_id	Integer	yes	The venue ID
artist_id	Integer	yes	Leading Artist ID
lineup	Array of Integers	yes	An array of artist ID's in the lineup
tickets_available	Boolean	yes	This indicates if there are ticket links available
rsvp_count	Integer	yes	Amount of users who have RSVP'd to the event

Query examples:

Term search in San Diego, CA:

```
{
  "term": "John",
  "location": "region",
  "region": {
    "latitude": 32.71515,
    "longitude": -117.15653,
    "radius": 50
  }
  "entities": [{
    "type": "artist",
    "order": "trackers",
    "limit": 4
  }, {
    "type": "event",
    "order": "rsvps",
    "limit": 4
  }, {
    "type": "venue",
    "limit": 4
  }
]
```

Jazz events search in San Diego,CA search

```
{
  "genre": "jazz",
  "location": "region",
  "region": {
    "latitude": 32.71515,
    "longitude": -117.15653,
    "radius": 50
  },
  "entities": [{
    "type": "artist",
    "order": "trackers",
```

```
        "limit": 4
    }, {
        "type": "event",
        "order": "rsvps",
        "limit": 4
    }
]
```

Events next week-end In San Diego, CA search

```
{
  "period": {
    "starts_at": "2017-02-17T19:00:00Z",
    "ends_at": "2017-02-20T06:00:00Z"
  },
  "location": "region",
  "region": {
    "latitude": 32.71515,
    "longitude": -117.15653,
    "radius": 50
  },
  "entities": [{
    "type": "artist",
    "order": "trackers",
    "limit": 4
  }, {
    "type": "event",
    "order": "rsvps",
    "limit": 4
  }
]
```

Search for a specific Event by the Event ID

```
{
  "entities": [
    {
      "type": "event"
    }
  ],
  "scopes": [
    "event_id"
  ],
  "term": 1008476015
}
```

```
}
```

Response:

HTTP Status:

Status Code	Status Message	Reason
200	OK	Responds with a list of entity objects or an empty list
400	Bad Request	Something is wrong with the request parameters
401	Unauthorized	The Authorization header is missing, invalid or doesn't match user information
500	Internal Server Error	The API server crashes
501	Not Implemented	The search API doesn't implement yet the set of request parameters
504	Gateway Time-out	The API server took too long to return a response

Embedded resources:

When event entities are requested as a top-level response, the embedded resources should include the artist entity and venue entity objects associated to each events except if those entities are already returned as top-level entity objects.

Response examples:

Response for Term search in San Diego, CA:

```
{
  "artists": [{
    "id": 1232,
    "name": "John Mayer",
    "media_id": 7406514,
    "on_tour": true,
    "tracker_count": 1934071,
    "verified": true
  }, {
    "id": 193,
    "name": "John Legend",
    "media_id": 7031788,
    "on_tour": true,
    "tracker_count": 1431020,
    "verified": true
  }, {
    "id": 26650,
    "name": "John Lennon",
    "media_id": 268969,
    "on_tour": false,
    "tracker_count": 1176071,
    "verified": true
  }, {
    "id": 2065004,
    "name": "John Newman",
    "media_id": 7249443,
    "on_tour": true,
    "tracker_count": 357311,
    "verified": false
  }],
  "events": [{
    "id": 17443010,
    "title": null,
```

```

        "starts_at": "2017-04-21T19:00:00",
        "venue_id": 2512614,
        "media_id": 7426906,
        "artist_id": 1232,
        "rsvp_count": 955,
        "lineup": [123,564,879],
        "tickets_available": true
    }, {
        "id": 17238008,
        "title": "Dead & Company",
        "starts_at": "2017-05-31T19:00:00",
        "venue_id": 275625,
        "media_id": 7406514,
        "artist_id": 1232,
        "rsvp_count": 479
    }, {
        "id": 17527374,
        "title": null,
        "starts_at": "2017-05-28T19:00:00",
        "venue_id": 275619,
        "media_id": 7452989,
        "artist_id": 193,
        "rsvp_count": 313
    }, {
        "id": 17238029,
        "title": "Dead & Company",
        "starts_at": "2017-06-01T19:00:00",
        "venue_id": 275625,
        "media_id": 7406514,
        "artist_id": 1232,
        "rsvp_count": 261
    }
  ],
  "venues": [{
    "id": 2938312,
    "name": "Johnny V's",
    "location": "San Diego, CA",
    "latitude": 32.7152778,
    "longitude": -117.1563889,
    "media_id": 5646321
  }, {
    "id": 1058992,
    "name": "John Muir School",
    "location": "San Diego, CA",
    "latitude": 32.7152778,
    "longitude": -117.1563889,
    "media_id": null
  }, {

```

```
    "id": 3581579,
    "name": "John J. Montgomery Theater",
    "location": "San Diego, CA",
    "latitude": 32.7152778,
    "longitude": -117.1563889,
    "media_id": null
  }],
  "_embedded": {
    "venues": [{
      "id": 2512614,
      "name": "The Forum",
      "location": "Inglewood, CA",
      "latitude": 33.9583,
      "longitude": -118.341868,
      "media_id": null
    }, {
      "id": 275625,
      "name": "Hollywood Bowl",
      "location": "Hollywood, CA",
      "latitude": 34.111118,
      "longitude": -118.336273,
      "media_id": null
    }, {
      "id": 275619,
      "name": "Greek Theatre",
      "location": "Los Angeles, CA",
      "latitude": 34.1194881,
      "longitude": -118.2962909,
      "media_id": null
    }
  ]
}
```