



/api/v1/openapi.json

Explore

# TrailService REST API

1.0.0 OAS3

/api/v1/openapi.json

An API for managing trails and related information

## Servers

/api/v1

## default



GET /trails Get all trails with pagination and sorting



### Parameters

Try it out

Name	Description
------	-------------

page integer (query)	Page number  Default value : 1
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per_page integer (query)	Number of trails per page (maximum 100)  Default value : 10
--------------------------------	---

sort_by string (query)	Field to sort by
------------------------------	------------------

Name	Description
sort_order	Sort order
string	
(query)	Available values : asc, desc
	Default value : asc
	<input type="text" value="asc"/>

## Responses

Code	Description	Links
200	<p>A paginated and sorted list of trails</p> <p>Media type</p> <div><b>application/json</b></div> <p>Controls Accept header.</p> <p><b>Example Value</b>   Schema</p> <pre>{   "CurrentPage": 0,   "PerPage": 0,   "TotalPages": 0,   "TotalTrails": 0,   "Trails": [     {       "CompletionTime": 0,       "Description": "string",       "Difficulty": "string",       "ElevationGain": 0,       "Length": 0,       "Location": {         "City": "string",         "Country": "string",         "County": "string"       },       "Name": "string",       "Points": [         {           "Description": "string",           "Latitude": 0,           "Longitude": 0         }       ],       "Rating": 0,       "RouteType": "string",       "Tags": [</pre>	No links
400	<p>Invalid pagination or sorting parameters</p>	No links



Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
  "Credentials": {
    "Email": "string",
    "Password": "string"
  },
  "Trail": {
    "CompletionTime": 0,
    "Description": "string",
    "Difficulty": "string",
    "ElevationGain": 0,
    "Length": 0,
    "Location": {
      "City": "string",
      "Country": "string",
      "County": "string"
    },
    "Name": "string",
    "Points": [
      {
        "Description": "string",
        "Latitude": 0,
        "Longitude": 0
      }
    ],
    "Rating": 0,
    "RouteType": "string",
    "Tags": [
      {

```



Responses

Code

Description

Links

201

Trail created successfully

No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "CompletionTime": 0,
  "Description": "string",

```

Code	Description	Links
	<pre>"Difficulty": "string", "ElevationGain": 0, "Length": 0, "Location": {   "City": "string",   "Country": "string",   "County": "string" }, "Name": "string", "Points": [   {     "Description": "string",     "Latitude": 0,     "Longitude": 0   } ], "Rating": 0, "RouteType": "string", "Tags": [   {     "Name": "string"   } ] ]</pre>	
400	Invalid input data	No links
403	Forbidden - You do not have permission to create this trail	No links

DELETE /trails/{trail_name} Delete a trail by name		⌵
Parameters		Try it out
Name	Description	
trail_name * required string (path)	<input type="text" value="trail_name"/>	
Request body required		application/json
Example Value	Schema	
<pre>{   "Credentials": {     "Email": "string",     "Password": "string"   } }</pre>		

Responses

Code	Description	Links
204	Trail deleted successfully	No links
403	Forbidden - You do not have permission to delete this trail	No links
404	Trail not found	No links

GET /trails/{trail\_name} Get a trail by name

Parameters

Try it out

Name Description

trail\_name \* required  
string  
(path)

trail\_name

Responses

Code	Description	Links
200	Trail retrieved successfully	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "CompletionTime": 0,
  "Description": "string",
  "Difficulty": "string",
  "ElevationGain": 0,
  "Length": 0,
  "Location": {
    "City": "string",
    "Country": "string",
    "County": "string"
  },
  "Name": "string",
```

Code	Description	Links
404	Trail not found	No links

PUT

/trails/{trail\_name}

Update a trail by name

^

Parameters

Try it out

Name	Description
<b>trail_name</b> * required	
string	trail_name
(path)	

Request body required

application/json

Example Value

Schema

```
"Password": "string",
},
"Trail": {
  "CompletionTime": 0,
  "Description": "string",
  "Difficulty": "string",
  "ElevationGain": 0,
  "Length": 0,
  "Location": {
    "City": "string",
    "Country": "string",
    "County": "string"
  },
  "Name": "string",
  "Points": [
    {
      "Description": "string",
      "Latitude": 0,
      "Longitude": 0
    }
  ],
  "Rating": 0,
```

```
    name: string
  }
]
```

## Responses

Code	Description	Links
200	<div>Trail updated successfully</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{   "CompletionTime": 0,   "Description": "string",   "Difficulty": "string",   "ElevationGain": 0,   "Length": 0,   "Location": {     "City": "string",     "Country": "string",     "County": "string"   },   "Name": "string",   "Points": [     {       "Description": "string",       "Latitude": 0,       "Longitude": 0     }   ],   "Rating": 0,   "RouteType": "string",   "Tags": [     {       "Name": "string"     }   ] }</pre></div>	No links
400	Invalid input data	No links
403	Forbidden - You do not have permission to update this trail	No links
404	Trail not found	No links



```
Location {
  City          string
  Country*     string
  County*      string
}
```

```
Point {
  Description    string
  Latitude*     number($float)
  Longitude*    number($float)
}
```

```
Tag {
  Name*        string
}
```

```
Trail {
  CompletionTime integer
  Description     string
  Difficulty*    string
  ElevationGain* integer
  Length*       number($float)
  Location       Location {
    City          string
    Country*     string
    County*      string
  }
  Name*         string
  Points*       [Point {
    Description    string
    Latitude*     number($float)
    Longitude*    number($float)
  }]
  Rating*       number($float)
  RouteType*    string
  Tags          [Tag {
    Name*        string
  }]
}
```



```
TrailUpdate {
  CompletionTime integer
  Description string
  Difficulty string
  ElevationGain integer
  Length number($float)
  Location {
    City string
    Country* string
    County* string
  }
  Name string
  Points [Point {...}]
  Rating number($float)
  RouteType string
  Tags [Tag {...}]
}
```