

# Magpie API

## Introduction

This is the API for magpiehunt.com

## Overview

<https://github.com/rkwitz/magpie-php> (<https://github.com/rkwitz/magpie-php>)

## Authentication

The API requires an Authentication header of type Bearer in every API request. The token should be grabbed from the user's Firebase login. ex header:

```
Authentication Bearer *base64 encoded token goes here*
```

## Error Codes

- 200 - OK
- 401 - Unauthorized
- 404 - Resource Not Found
- 405 - The operation requested is not supported. Usually this means that the state of the Resource doesn't allow that action (you can't edit an 'approved' Hunt).

## Error Reporting

Please submit an issue on the Github page, or email [admin@magpiehunt.com](mailto:admin@magpiehunt.com)

## Updating Resources

Updating a Resource replaces all content with the data sent.

---

## Hunts

Perform actions on Hunts.

Note: Hunt states cannot be user set but are one of:

- `approved`
- `submitted`
- `non-approved`

---

## GET Get all hunts

```
https://magpiehunt.com/api/v1/hunts
```

Get all Hunts that the current user owns.

### Example Request

Get all hunts - No Hunts Found ▼

```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/hunts",
  "method": "GET",
  "headers": {}
}

$.ajax(settings).done(function (response) {
  console.log(response);
});
```

### Example Response

404 Not Found

```
{
  "status": "error",
  "message": "No results matching that query"
}
```

---

## GET Get single hunt

```
https://magpiehunt.com/api/v1/hunts/671
```

Get a single Hunt. Subresources are referenced by links in the returned JSON object.

## Example Request

Get single hunt - Response

```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/hunts/671",
  "method": "GET",
  "headers": {}
}

$.ajax(settings).done(function (response) {
  console.log(response);
});
```

## Example Response

200 OK

```
{
  "class": "hunt",
  "data": {
    "hunt_id": "671",
    "abbreviation": "string",
    "approval_status": "non-approved",
    "audience": "string",
    "date_end": "1902-01-10",
    "date_start": "2120-12-25",
    "name": "string",
```

## GET Search for Hunts

```
https://magpiehunt.com/api/v1/hunts?state=wa
```

Search for approved and owned Hunts using given parameters. Any user-editable field is a valid parameter (see Creating a Hunt). Parameters can be chained together.

### PARAMS

**state**

wa

## Example Request

Get Query - Filter by state

```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/hunts?state=wa",
  "method": "GET",
  "headers": {}
}

$.ajax(settings).done(function (response) {
  console.log(response);
});
```

## Example Response

200 OK

```
[
  {
    "class": "hunt",
    "data": {
      "hunt_id": "671",
      "abbreviation": "string",
      "approval_status": "non-approved",
      "audience": "string",
      "date_end": "1902-01-10",
      "date_start": "2120-12-25",
    }
  }
]
```

## POST Create Hunt

<https://magpiehunt.com/api/v1/hunts>

## BODY

**abbreviation**

string

**audience**

string

**date\_end**

1902-01-10

**date\_start**

2120-12-25

**name**

string

**ordered**

0

**summary**

string

**sponsor**

string

**super\_badge**

string

**city**

City

**state**

WA

**zipcode**

99227

### Example Request

#### Create Hunt

```
var form = new FormData();
form.append("abbreviation", "string");
form.append("audience", "string");
form.append("date_end", "1902-01-10");
form.append("date_start", "2120-12-25");
form.append("name", "string");
form.append("ordered", "0");
form.append("summary", "string");
form.append("sponsor", "string");
form.append("super_badge", "string");
```

## Example Response

200 OK

```
{
  "class": "hunt",
  "data": {
    "hunt_id": "673",
    "abbreviation": "string",
    "approval_status": "non-approved",
    "audience": "string",
    "date_end": "1902-01-10",
    "date_start": "2120-12-25",
    "name": "string",
```

## POST Update Hunt

```
https://magpiehunt.com/api/v1/hunts/678
```

Update a Hunt.

### BODY

**abbreviation**

string

**audience**

string

**date\_end**

1902-01-10

**date\_start**

2120-12-25

**name**

UPDATED

**summary**

UPDATED

**sponsor**

string

**super\_badge**

string

**city**

George

**state**

WA

**zipcode**

30220

## Example Request

## Update Hunt

```
var form = new FormData();
form.append("abbreviation", "string");
form.append("audience", "string");
form.append("date_end", "1902-01-10");
form.append("date_start", "2120-12-25");
form.append("name", "UPDATED");
form.append("summary", "UPDATED");
form.append("sponsor", "string");
form.append("super_badge", "string");
form.append("city", "George");
```

## Example Response

## 200 OK

```
{
  "class": "hunt",
  "data": {
    "hunt_id": "678",
    "abbreviation": "string",
    "approval_status": "non-approved",
    "audience": "string",
    "date_end": "1902-01-10",
    "date_start": "2120-12-25",
    "name": "UPDATED",
```

## PATCH Submit Hunt

```
https://magpiehunt.com/api/v1/hunts/678
```

Submit a Hunt for approval by an admin. Once submitted, Hunts cannot be modified and subresources cannot be modified, deleted, or altered. This action locks down the Hunt. However, Hunts can be deleted.

## HEADERS

### Content-Type

application/x-www-form-urlencoded

## Example Request

Submit Hunt ▼

```
var form = new FormData();
form.append("abbreviation", "string");
form.append("audience", "string");
form.append("date_end", "1902-01-10");
form.append("date_start", "2120-12-25");
form.append("name", "UPDATED");
form.append("summary", "UPDATED");
form.append("sponsor", "string");
form.append("super_badge", "string");
form.append("city", "George");
```

## Example Response

200 OK

```
{
  "status": true,
  "message": "Successfully submitted."
}
```

## DELETE Delete Hunt

```
https://magpiehunt.com/api/v1/hunts/667
```

Delete a Hunt and all subresources associated with it.

## HEADERS



**Content-Type**

application/x-www-form-urlencoded

BODY

---

**abbreviation**

string

**audience**

string

**date\_end**

1902-01-10

**date\_start**

2120-12-25

**name**

UPDATED

**summary**

UPDATED

**sponsor**

string

**super\_badge**

string

**city**

George

**state**

WA

**zipcode**

30220

Example Request

Delete Hunt

```
var form = new FormData();
form.append("abbreviation", "string");
form.append("audience", "string");
form.append("date_end", "1902-01-10");
form.append("date_start", "2120-12-25");
form.append("name", "UPDATED");
form.append("summary", "UPDATED");
form.append("sponsor", "string");
form.append("super_badge", "string");
form.append("city", "George");
```

#### Example Response

200 OK

```
{
  "status": true,
  "message": "Successfully deleted."
}
```

## Badges

Perform actions on Badges. Note: A Badge needs a Hunt to exist.

### GET Get All Badges

<https://magpiehunt.com/api/v1/hunts/667/badges>

Get all the Badges that belong to the specified Hunt.

#### HEADERS

##### Content-Type

application/x-www-form-urlencoded

#### Example Request

Get All Badges

```
var settings = {  
  "async": true,  
  "crossDomain": true,  
  "url": "https://magpiehunt.com/api/v1/hunts/667/badges",  
  "method": "GET",  
  "headers": {  
    "Content-Type": "application/x-www-form-urlencoded"  
  }  
}
```

## GET Get Badge

https://magpiehunt.com/api/v1/hunts/667/badges/3

### HEADERS

#### Content-Type

application/x-www-form-urlencoded

### Example Request

#### Get Badge

```
var settings = {  
  "async": true,  
  "crossDomain": true,  
  "url": "https://magpiehunt.com/api/v1/hunts/667/badges/3",  
  "method": "GET",  
  "headers": {  
    "Content-Type": "application/x-www-form-urlencoded"  
  }  
}
```

## POST Create Badge

https://magpiehunt.com/api/v1/hunts/678/badges

## BODY

**description**

string

**icon****image**<http://www.customURL.com/image.jpg>**landmark\_name**

string

**lat**

4.54

**lon**

-30.43

**name**

string

**qr\_code**

qr\_code string

## Example Request

Create Badge

```
var form = new FormData();
form.append("description", "string");
form.append("icon", "");
form.append("image", "http://www.customURL.com/image.jpg");
form.append("landmark_name", "string");
form.append("lat", "4.54");
form.append("lon", "-30.43");
form.append("name", "string");
form.append("qr_code", "qr_code string");
```

## Example Response

200 OK

```
{
  "class": "badge",
  "data": {
    "badge_id": "7",
    "description": "string",
    "icon": {
      "href": "https://magpiehunt.com/api/v1/uploads/f01d5bb02739777c.jpg"
    },
    "image": {
      "href": "http://www.customURL.com/image.jpg"
    }
  }
}
```

## POST Update Badge

<https://magpiehunt.com/api/v1/hunts/678/badges/7>

### BODY

#### **description**

New Description

#### **icon**

<http://www.magpiehunt.com/api/v1/uploads/filename.png>

#### **image**

<http://www.customURL.com/image.jpg>

#### **landmark\_name**

string

#### **lat**

4.54

#### **lon**

-30.43

#### **name**

string

#### **qr\_code**

qr\_code string

## Example Request

## Update Badge

```
var form = new FormData();
form.append("description", "New Description");
form.append("icon", "http://www.magpiehunt.com/api/v1/uploads/filename.png");
form.append("image", "http://www.customURL.com/image.jpg");
form.append("landmark_name", "string");
form.append("lat", "4.54");
form.append("lon", "-30.43");
form.append("name", "string");
form.append("qr_code", "qr_code string");
```

## Example Response

200 OK

```
{
  "class": "badge",
  "data": {
    "badge_id": "7",
    "description": "New Description",
    "icon": {
      "href": "http://www.magpiehunt.com/api/v1/uploads/filename.png"
    },
    "image": {
      "href": "http://www.customURL.com/image.jpg"
    }
  }
}
```

## DELETE Delete Badge

https://magpiehunt.com/api/v1/hunts/667/badges/3

## HEADERS

**Content-Type**

application/x-www-form-urlencoded

## BODY

**icon**

differentURL.com

**date\_end**

1902-01-10

**date\_start**

2120-12-25

**name**

string

**summary**

string

**lat**

100.30

**lon**

90.23232

## Example Request

## Delete Badge

```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/hunts/667/badges/3",
  "method": "DELETE",
  "headers": {
    "Content-Type": "application/x-www-form-urlencoded"
  },
  "data": {
    "icon": "differentURL.com",
```

## Example Response

200 OK

```
{
  "status": true,
  "message": "Successfully deleted."
}
```

# Awards

Perform actions on Awards. Note: Awards need a Hunt to exist.

## GET Get All Awards

```
https://magpiehunt.com/api/v1/hunts/671/awards
```

Get all the Awards in a JSON array that belong to the specified Hunt.

### HEADERS

#### Content-Type

application/x-www-form-urlencoded

### Example Request

#### Get All Awards

```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/hunts/671/awards",
  "method": "GET",
  "headers": {
    "Content-Type": "application/x-www-form-urlencoded"
  }
}
```

### Example Response

200 OK



```
[
  {
    "class": "award",
    "data": {
      "award_id": "1",
      "address": "string",
      "description": "string",
      "lat": "45.435435435",
      "lon": "-39.54543",
      "name": "string",
```

## GET Get Award

```
https://magpiehunt.com/api/v1/hunts/673/awards/1
```

Get a single award.

### HEADERS

#### Content-Type

application/x-www-form-urlencoded

### Example Request

#### Get Award

```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/hunts/673/awards/1",
  "method": "GET",
  "headers": {}
}

$.ajax(settings).done(function (response) {
  console.log(response);
});
```

### Example Response

200 OK

```
{
  "class": "award",
  "data": {
    "award_id": "1",
    "address": "string",
    "description": "string",
    "lat": "45.435435435",
    "lon": "-39.54543",
    "name": "string",
    "redeem_code": "string",
```

---

## POST Create Award

```
https://magpiehunt.com/api/v1/hunts/678/awards
```

Create an award.

---

### BODY

**address**

string

**description**

string

**lat**

45.435435435

**lon**

-39.54543

**name**

string

**redeem\_code**

string

**award\_value**

string

## Example Request

Create Award ▼

```
var form = new FormData();
form.append("address", "string");
form.append("description", "string");
form.append("lat", "45.435435435");
form.append("lon", "-39.54543");
form.append("name", "string");
form.append("redeem_code", "string");
form.append("award_value", "string");
```

```
var settings = {
```

## Example Response

200 OK

```
{
  "class": "award",
  "data": {
    "award_id": "1",
    "address": "string",
    "description": "string",
    "lat": "45.435435435",
    "lon": "-39.54543",
    "name": "string",
    "redeem_code": "string",
```

## POST Update Award

<https://magpiehunt.com/api/v1/hunts/678/awards/3>

Updates an award.

### BODY

**address**

new address

**description**

UPDATED Description

**lat**

45.435435435

**lon**

-39.54543

**name**

New Name

**redeem\_code**

string

**award\_value**

string

## Example Request

Update Award

```
var form = new FormData();
form.append("address", "new address");
form.append("description", "UPDATED Description");
form.append("lat", "45.435435435");
form.append("lon", "-39.54543");
form.append("name", "New Name");
form.append("redeem_code", "string");
form.append("award_value", "string");

var settings = {
```

## Example Response

200 OK

```
{
  "class": "award",
  "data": {
    "award_id": "3",
    "address": "new address",
    "description": "UPDATED Description",
    "lat": "45.435435435",
    "lon": "-39.54543",
    "name": "New Name",
    "redeem_code": "string",
```

## DELETE Delete Award

```
https://magpiehunt.com/api/v1/hunts/673/awards/2
```

Delete a single Award.

### HEADERS

---

#### Content-Type

application/x-www-form-urlencoded

### BODY

---

#### icon

#### image

http://www.customURL.com/image.jpg

#### date\_end

1902-01-10

#### date\_start

2120-12-25

#### name

string

#### summary

string

#### lat

4.54

#### lon

-30.43

#### city

George

#### state

WA

#### zipcode

30220

## Example Request

Delete Award

```
var form = new FormData();
form.append("icon", "");
form.append("image", "http://www.customURL.com/image.jpg");
form.append("date_end", "1902-01-10");
form.append("date_start", "2120-12-25");
form.append("name", "string");
form.append("summary", "string");
form.append("lat", "4.54");
form.append("lon", "-30.43");
form.append("city", "George");
```

## Example Response

200 OK

```
{
  "status": true,
  "message": "Successfully deleted."
}
```

# Admin

Perform Administrative tasks like Approving or Rejecting a Hunt.

## GET Get List of Submitted Hunts

```
https://magpiehunt.com/api/v1/admin
```

Get a List of all Hunts with "submitted" status.

## Example Request

Get List of Submitted Hunts

```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/admin",
  "method": "GET",
  "headers": {}
}

$.ajax(settings).done(function (response) {
  console.log(response);
});
```

## Example Response

200 OK

```
[
  {
    "class": "hunt",
    "data": {
      "hunt_id": "671",
      "abbreviation": "string",
      "approval_status": "submitted",
      "audience": "string",
      "date_end": "1902-01-10",
      "date_start": "2120-12-25",
```

## GET Admin Check

`magpiehunt.com/api/v1/admin/check`

Checks if the current user is an admin. This is to enhance client app flow.

## Example Request

Admin Check

```
var settings = {  
  "async": true,  
  "crossDomain": true,  
  "url": "http://magpiehunt.com/api/v1/admin/check",  
  "method": "GET",  
  "headers": {}  
}  
  
$.ajax(settings).done(function (response) {  
  console.log(response);  
});
```

#### Example Response

200 OK

```
{  
  "status": true,  
  "message": "This user is an admin",  
  "isAdmin": true  
}
```

## PUT Approve a Submitted Hunt

https://magpiehunt.com/api/v1/admin/671

Approve or reject a Hunt by sending 'approved' or 'non-approved'.

#### HEADERS

##### Content-Type

application/x-www-form-urlencoded

#### BODY

##### approval\_status

approved

#### Example Request

Approve a Submitted Hunt



```
var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/admin/671",
  "method": "PUT",
  "headers": {
    "Content-Type": "application/x-www-form-urlencoded"
  },
  "data": {
    "approval_status": "approved"
  }
}
```

#### Example Response

200 OK

```
{
  "status": true,
  "message": "Hunt 671 has been approved."
}
```

---

## DELETE Delete a Hunt

https://magpiehunt.com/api/v1/admin/673

Delete a Hunt and all associated subresources.

#### HEADERS

##### Content-Type

application/x-www-form-urlencoded

#### Example Request

Delete a Hunt

```
var settings = {  
  "async": true,  
  "crossDomain": true,  
  "url": "https://magpiehunt.com/api/v1/admin/671",  
  "method": "DELETE",  
  "headers": {  
    "Content-Type": "application/x-www-form-urlencoded"  
  },  
  "data": ""  
}
```

#### Example Response

200 OK

```
{  
  "status": true,  
  "message": "Successfully deleted."  
}
```

## Images

Images endpoint is used to upload an image to the Magpie server. This is somewhat depreciated now that POST updates as well as creates resources.

### POST Upload Images

<https://magpiehunt.com/api/v1/images>

Upload images to Magpie server.

#### BODY

**image**

**icon**

## Example Request

## Upload Images

```
var form = new FormData();
form.append("image", "");
form.append("icon", "");

var settings = {
  "async": true,
  "crossDomain": true,
  "url": "https://magpiehunt.com/api/v1/images",
  "method": "POST",
  "headers": {},
```

## Example Response

200 OK

```
{
  "image": {
    "url": "https://magpiehunt.com/api/v1/uploads/a54fcd2024895d80.jpg"
  },
  "icon": {
    "url": "https://magpiehunt.com/api/v1/uploads/2462f151fa9a52d4.jpg"
  }
}
```