

# SwiftRiver API Drop Resources

On this page
<ul style="list-style-type: none"><li>• <a href="#">POST drops</a></li><li>• <a href="#">POST (rivers or buckets)/:id/drops/:drop_id/comments</a></li><li>• <a href="#">GET (rivers or buckets)/:id/drops/:drop_id/comments</a></li><li>• <a href="#">DELETE (rivers or buckets)/:id/drops/:drop_id/comments/:comment_id</a></li><li>• <a href="#">POST (rivers or buckets)/:id/drops/:drop_id/links</a></li><li>• <a href="#">DELETE (rivers or buckets)/:id/drops/:drop_id/links/:link_id</a></li><li>• <a href="#">POST (rivers or buckets)/:id/drops/:drop_id/media</a></li><li>• <a href="#">DELETE (rivers or buckets)/:id/drops/:drop_id/media/:media_id</a></li><li>• <a href="#">POST (rivers or buckets)/:id/drops/:drop_id/tags</a></li><li>• <a href="#">DELETE (rivers or buckets)/:id/drops/:drop_id/tags/:tag_id</a></li><li>• <a href="#">POST (rivers or buckets)/:id/drops/:drop_id/places</a></li><li>• <a href="#">DELETE (rivers or buckets)/:id/drops/:drop_id/places/:place_id</a></li><li>• <a href="#">POST (rivers or buckets)/:id/drops/:drop_id/forms</a></li><li>• <a href="#">PUT (rivers or buckets)/:id/drops/:drop_id/forms/:form_id</a></li><li>• <a href="#">DELETE (rivers or buckets)/:id/drops/:drop_id/forms/:form_id</a></li><li>• <a href="#">PUT (rivers or buckets)/:id/drops/read/:drop_id</a></li></ul>

## POST drops

Create a drop.

Resource Path

`/drops`

Request body structure

The request body is a JSON representation of the [Drop](#) being created. Pass an array of [Drop](#) objects to create multiple drops at once.

## Example Request

POST <https://api.swiftapp.com/v1/drops>

### POST DATA

```
[
  {
    "title":"At this point in time, Kenyan businesses & start ups must make strong headway for the Nigerian market. Ask BlackBerry.",
    "content":"At this point in time, Kenyan businesses & start ups must make strong headway for the Nigerian market. Ask BlackBerry.",
    "date_published":"Wed, 27 Aug 2008 13:08:45 +0000",
    "channel":"twitter",
    "channel_ids": [45, 22],
    "original_id":"288898001374674946",
    "original_url":"https://twitter.com/matrixster/status/288898001374674946",
    "rivers":[99, 323, 105],
    "source":{
      "name":"Matrix",
      "username":"matrixster",
      "avatar":"https://twimg0-a.akamaihd.net/profile_images/1850198787/helmet_bigger_normal.jpg",
      "origin_id": 18671386
    },
    "tags":[
      {
        "tag":"BlackBerry",
        "type":"organization"
      },
      {
        "tag":"A New Tag",
        "type":"thing"
      }
    ],
    "places":[
      {
        "name":"Kenya",
        "type":"point",
        "longitude": 37.96875,
        "latitude": -0.703107
      }
    ]
  }
]
```

## Response

```
[
  {
    "id":724893,
    "channel":"twitter",
    "original_id":"288898001374674946",
    "original_url":"https://twitter.com/matrixster/status/288898001374674946",
    "title": "At this point in time, Kenyan businesses & start ups must make strong headway for the Nigerian market.
Ask Blackberry.",
    "content": "At this point in time, Kenyan businesses & start ups must make strong headway for the Nigerian market.
Ask Blackberry.",
    "date_published":"Wed, 27 Aug 2008 13:08:45 +0000",
    "user_score":0,
    "comment_count":0,
    "image":"",
    "buckets":[],
    "read":false,
    "source":{
      "id": 18671386,
      "name":"Matrix",
      "username":"matrixster",
      "avatar":"https://twimg0-a.akamaihd.net/profile_images/1850198787/helmet_bigger_normal.jpg"
    },
    "tags":[
      {
        "tag":"BlackBerry",
        "tag_type":"organization"
      },
      {
        "tag":"A New Tag",
        "tag_type":"thing"
      }
    ],
    "places":[
      {
        "name":"Kenya",
        "type":"point",
        "longitude":37.96875,
        "latitude":-0.703107
      }
    ],
    "links":[],
    "media":[],
    "forms":[]
  }
]
```

## POST (rivers or buckets)/:id/drops/:drop\_id/comments

Add a comment to a drop in a river or a bucket.

Resource Path

rivers/:id/drops/:drop\_id/comments

buckets/:id/drops/:drop\_id/comments

## Request parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.

## Request body structure

The request body is a JSON representation of the [Comment](#).

## Example Request

```
POST https://api.swiftapp.com/v1/rivers/9/drops/1234/comments
```

### POST DATA

```
{
  "comment_text":"This is spam.",
  "account":{
    "id":1234,
    "name":"Joe Smith",
    "account_path":"default",
    "subscriber_count":10,
    "subscribed_count":99,
    "is_owner":true,
    "is_collaborator":false,
    "is_subscribed":false,
    "public":true
  }
}
```

## Response

```
{
  "id":573,
  "comment_text":"This is spam.",
  "deleted":false,
  "date_added":"Wed, 27 Aug 2008 13:08:45 +0000",
  "account":{
    "id":1234,
    "name":"Joe Smith",
    "account_path":"default",
    "subscriber_count":10,
    "subscribed_count":99,
    "is_owner":true,
    "is_collaborator":false,
    "is_subscribed":false,
    "public":true
  }
}
```

# GET (rivers or buckets)/:id/drops/:drop\_id/comments

Returns a list of [Comment](#) objects in the specified drops.

## Resource Path

rivers/:id/drops/:drop\_id/comments  
buckets/:id/drops/:drop\_id/comments

## Parameters

Name	Type	Description
id	Required	The numerical id of the desired drop

## Example Request

```
GET https://api.swiftapp.com/v1/rivers/9/drops/1234/comments
```

## Response

```
[
  {
    "id":573,
    "comment_text":"This looks like spam.",
    "deleted":false,
    "date_added":"Wed, 27 Aug 2008 13:08:45 +0000",
    "account":{
      "id":1234,
      "name":"Joe Smith",
      "account_path":"default",
      "subscriber_count":10,
      "subscribed_count":99,
      "is_owner":true,
      "is_collaborator":false,
      "is_subscribed":false,
      "public":true
    }
  },
  {
    "id":574,
    "deleted":true,
    "date_added":"Wed, 27 Aug 2008 13:08:45 +0000",
    "account":{
      "id":1234,
      "name":"Joe Smith",
      "account_path":"default",
      "subscriber_count":10,
      "subscribed_count":99,
      "is_owner":true,
      "is_collaborator":false,
      "is_subscribed":false,
      "public":true
    }
  }
]
```

## DELETE (rivers or buckets)/:id/drops/:drop\_id/comments/:comment\_id

Delete an existing comment.

### Resource Path

rivers/:id/drops/:drop\_id/comments/:comment\_id  
buckets/:id/drops/:drop\_id/comments/:comment\_id

### Request Parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.
comment_id	Int64	Required	The numerical id of the comment being deleted.

### Example Request

```
DELETE https://api.swiftapp.com/v1/rivers/9/drops/1234/comments/34
```

## POST (rivers or buckets)/:id/drops/:drop\_id/links

Add a link to a drop.

### Resource Path

rivers/:id/drops/:drop\_id/links  
buckets/:id/drops/:drop\_id/links

### Request parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.

### Request body structure

The request body is a JSON representation of the [Link](#).

### Example Request

```
POST https://api.swiftapp.com/v1/rivers/9/drops/1234/links
```

#### POST DATA

```
{  
  "url": "http://ushahidi.com/"  
}
```

## Response

```
{
  "id":1111,
  "url":"http://ushahidi.com/"
}
```

## DELETE (rivers or buckets)/:id/drops/:drop\_id/links/:link\_id

Delete an existing link.

### Resource Path

(rivers or buckets)/:id/drops/:drop\_id/links/:link\_id

### Request Parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.
link_id	Int64	Required	The numerical id of the link being deleted.

### Example Request

```
DELETE https://api.swiftapp.com/v1/rivers/9/drops/1234/links/34
```

## POST (rivers or buckets)/:id/drops/:drop\_id/media

Add a media to a drop.

### Resource Path

rivers/:id/drops/:drop\_id/media  
buckets/:id/drops/:drop\_id/media

### Request parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.

### Request body structure

The request body is a JSON representation of the [Media](#).

### Example Request

```
POST https://api.swiftapp.com/v1/rivers/9/drops/1234/media
```

POST DATA

```
{
  "url":"http://ushahidi.com/image.jpg",
  "type":"image"
}
```

Response

```
{
  "id":1111,
  "url":"http://ushahidi.com/image.jpg",
  "type":"image"
}
```

## DELETE (rivers or buckets)/:id/drops/:drop\_id/media/:media\_id

Delete an existing media.

Resource Path

rivers/:id/drops/:drop\_id/media/:media\_id

buckets/:id/drops/:drop\_id/media/:media\_id

Request Parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.
media_id	Int64	Required	The numerical id of the media being deleted.

Example Request

```
DELETE https://api.swiftapp.com/v1/rivers/9/drops/1234/media/34
```

## POST (rivers or buckets)/:id/drops/:drop\_id/tags

Add a tag to a drop.

Resource Path

rivers/:id/drops/:drop\_id/tags

buckets/:id/drops/:drop\_id/tags

Request parameters



Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.

Request body structure

The request body is a JSON representation of the [Tag](#).

Example Request

```
POST https://api.swiftapp.com/v1/rivers/9/drops/1234/tags

POST DATA

{
  "tag": "A New Tag",
  "tag_type": "thing"
}
```

Response

```
{
  "id": 1111,
  "tag": "A New Tag",
  "tag_type": "thing"
}
```

## DELETE (rivers or buckets)/:id/drops/:drop\_id/tags/:tag\_id

Delete an existing tag.

Resource Path

rivers/:id/drops/:drop\_id/tags/:tag\_id  
 buckets/:id/drops/:drop\_id/tags/:tag\_id

Request Parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.
tag_id	Int64	Required	The numerical id of the tag being deleted.

Example Request

```
DELETE https://api.swiftapp.com/v1/rivers/9/drops/1234/tags/34
```

## POST (rivers or buckets)/:id/drops/:drop\_id/places

Add a place to a drop.

### Resource Path

rivers/:id/drops/:drop\_id/places  
buckets/:id/drops/:drop\_id/places

### Request parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.

### Request body structure

The request body is a JSON representation of the [Place](#).

### Example Request

```
POST https://api.swiftapp.com/v1/rivers/9/drops/1234/places
```

#### POST DATA

```
{
  "name": "Utopia",
  "type": "point",
  "coordinates": [
    [
      2.2241006,
      48.8155414
    ]
  ]
}
```

### Response

```
{
  "id": 1111,
  "name": "Utopia",
  "type": "point",
  "coordinates": [
    [
      2.2241006,
      48.8155414
    ]
  ]
}
```

## DELETE (rivers or buckets)/:id/drops/:drop\_id/places/:place\_id

Delete an existing place.

### Resource Path

rivers/:id/drops/:drop\_id/places/:place\_id  
buckets/:id/drops/:drop\_id/places/:place\_id

### Request Parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.
place_id	Int64	Required	The numerical id of the place being deleted.

### Example Request

```
DELETE https://api.swiftapp.com/v1/rivers/9/drops/1234/places/34
```

## POST (rivers or buckets)/:id/drops/:drop\_id/forms

This endpoint is used to add [predefined custom form fields](#) to a drop.

### Resource Path

rivers/:id/drops/:drop\_id/forms  
buckets/:id/drops/:drop\_id/forms

### Request Parameters

Field	Type	Description
id	Required	The identifier for the river or bucket the drop being modified is in.
drop_id	Required	The identifier for the river or drop being modified.

### Request Body

The request body is a `FormValue` object that has the following fields:

Field	Type	Read/Write	Description
id	String	RW	The form identifier.
values	<a href="#">FieldValues</a>	RW	List of <code>FieldValues</code> for the form.

`FieldValues` have the following fields:

Field	Type	Read/Write	Description
id	String	RW	The form field identifier.
value	String	RW	The value for the for field.

## Example Request

Assuming the following form has been defined:

```
{
  "id": "1234",
  "name": "Hate Speech Categorisation",
  "fields": [
    {
      "id": "13",
      "title": "Language",
      "description": "Language the audience is being addressed in",
      "type": "multiple",
      "required": false,
      "options": [
        "English",
        "Swahili",
        "Luo",
        "Kalenjin",
        "Luhya",
        "Kikuyu",
        "Sheng",
        "Other"
      ]
    },
    {
      "id": "14",
      "title": "Speaker",
      "description": "Description of the speaker",
      "type": "select",
      "required": false,
      "options": [
        "Politician",
        "Journalist",
        "Blogger",
        "Community Leader",
        "Anonymous Commenter",
        "Identifiable Commenter",
        "Public Figure"
      ]
    },
    {
      "id": "15",
      "title": "Target Audience",
      "description": "Audience most likely to react to this statement/article",
      "type": "text",
      "required": true
    }
  ]
}
```

The following request will add field values for the form to a drop:

POST https://api.swiftapp.com/v1/rivers/9999/forms

POST DATA

```
{
  "id":1234,
  "values":[
    {
      "id":13,
      "value":["English",
        "Swahili"]
    },
    {
      "id":14,
      "value":"Journalist"
    },
    {
      "id":15,
      "value":"Kenyan people"
    }
  ]
}
```

Response

```
{
  "id":1234,
  "values":[
    {
      "id":13,
      "value":["English",
        "Swahili"]
    },
    {
      "id":14,
      "value":"Journalist"
    },
    {
      "id":15,
      "value":"Kenyan people"
    }
  ]
}
```

PUT (rivers or buckets)/:id/drops/:drop\_id/forms/:form\_id

This endpoint is used to modify form [field values](#) existing in a drop.

### Resource Path

rivers/:id/drops/:drop\_id/forms/:form\_id  
buckets/:id/drops/:drop\_id/forms/:form\_id

### Request Parameters

Field	Type	Description
id	Required	The identifier for the river or bucket the drop being modified is in.
drop_id	Required	The identifier for the river or drop being modified.
form_id	Required	The identifier for the form being modified.

### Request Body

JSON representaiton of the [field values](#) being modified:

### Example Request

The following request will add update the specified field values:

```
PUT https://api.swiftapp.com/v1/rivers/9999/forms/1234
PUT DATA
{
  "id":1234,
  "values":[
    {
      "id":13,
      "value":[
        "French"
      ]
    }
  ]
}
```

### Response

```
{
  "id":1234,
  "values":[
    {
      "id":13,
      "value":[
        "French"
      ]
    },
    {
      "id":14,
      "value":"Journalist"
    },
    {
      "id":15,
      "value":"Kenyan people"
    }
  ]
}
```

## DELETE (rivers or buckets)/:id/drops/:drop\_id/forms/:form\_id

Delete an existing form.

Resource Path

rivers/:id/drops/:drop\_id/forms/:form\_id  
buckets/:id/drops/:drop\_id/forms/:form\_id

Request Parameters

Field	Type	Required	Description
id	String	Required	The identified for the river/bucket the drop is in.
drop_id	String	Required	The drop identifier.
form_id	Int64	Required	The identifier of the form to be removed.

Example Request

```
DELETE https://api.swiftapp.com/v1/rivers/9/drops/9999/forms/1234
```

## PUT (rivers or buckets)/:id/drops/read/:drop\_id

Resource Paths

rivers/:id/drops/read/:drop\_id  
buckets/:id/drops/read/:drop\_id

Request Parameters

Field	Type	Description
id	Int64	The identifier of the river or bucket
drop_id	Int64	The identifier of the drop within the river or bucket

#### Example Requests

```
PUT https://api.swiftapp.com/v1/rivers/1/drops/read/8746
```

```
PUT https://api.swiftapp.com/v1/buckets/5/drops/read/73528
```