

# Sets

Sets are similar to *pool/s* but are about a generic topic rather than related posts.

**Note:** Like *pool/s*, *sets* endpoints for JSON can be up to 30x slower than XML due to how e621 processes data.

**Note:** I haven't bothered to document the maintainers endpoints for sets as they are confusing and very rarely utilized.

## GET Endpoints

### List

List sets, filtered by a given set of parameters

Base URL is <https://e621.net/set/index.json>

#### Parameters

- **page** - The page number to return
- **user\_id** - Only show sets owned by the given user
- **maintainer\_id** - Only show sets maintained by the given user
- **post\_id Only** - show sets containing the given post

#### Typical Response Example

```
[
  {
    id: number,
    name: string,
    created_at: string,
    updated_at: string,
    user_id: number,
    description: string,
    shortname: string,
    post_count: number,
    public: boolean,
    transfer_to_parent_on_delete: boolean
  },
  // ...
]
```

[Example JSON Request + Response \(https://e621.net/set/index.json\)](https://e621.net/set/index.json)

[Example XML Request + Response \(https://e621.net/set/index.xml\)](https://e621.net/set/index.xml)

### Show

Get a single set's information by ID

Base URL is <https://e621.net/set/show.json>

#### Parameters

- **id** - ID of the set to retrieve

#### Typical Response Example

```
{
  id: number,
  name: string,
  created_at: string,
  updated_at: string,
  user_id: number,
  description: string,
  shortname: string,
  post_count: number,
  public: boolean,
  transfer_to_parent_on_delete: boolean
  posts: e621PostDataConverted[]
}
```

[Example JSON Request + Response \(https://e621.net/set/index.json?id=3\)](https://e621.net/set/index.json?id=3)

[Example XML Request + Response \(https://e621.net/set/index.xml?id=3\)](https://e621.net/set/index.xml?id=3)

## POST Endpoints

### Add post

Add a post to a set

Base URL is [https://e621.net/set/add\\_post.json](https://e621.net/set/add_post.json)

#### POST Parameters

set\_id and post\_id are **required**

- **set\_id** - ID of the set to add a post to
- **post\_id** - ID of the post to add

#### Example POST Object

```
{
  "set_id": 555,
  "post_id": 44456
}
```

### Response

Response object should look similar to the object below. ? representing a response property that may or may not be returned

```
success: boolean,
reason?: string,
message?: string
```

### Create

Create a new (empty) set

Base URL is <https://e621.net/set/create.json>

#### POST Parameters

All parameters are **required**

- **set[name]** - The name of the set
- **set[shortname]** - The short name of the set
- **set[description]** - The description of the set
- **set[public]** - Whether to make the set public (true) or private (false)
- **set[transfer\_to\_parent\_on\_delete]** - Whether to replace deleted posts with their parents

### Example POST Object

```
{
  "set[name]": "The name of the set",
  "set[shortname]": "The short name of the set",
  "set[description]": "The description of the set",
  "set[public]": false,
  "set[transfer_to_parent_on_delete]": true
}
```

### Response

Response object should look similar to the object below. ? representing a response property that may or may not be returned

```
success: boolean,
reason?: string,
message?: string
```

### Destroy

Delete a set. You must either own/maintain the set or be a moderator

Base URL is <https://e621.net/set/destroy.json>

### POST Parameters

id is required

- **id** - The NAME of the set to destroy (this is how e6321 documents it, could be incorrect)

### Example POST Object

```
{
  "id": "test_set"
}
```

### Response

Response object should look similar to the object below. ? representing a response property that may or may not be returned

```
success: boolean,
reason?: string,
message?: string
```

### Remove Post

Remove a post from a set

Base URL is [https://e621.net/set/remove\\_post.json](https://e621.net/set/remove_post.json)

### POST Parameters

set\_id and post\_id are required

- **set\_id** - ID of the set to remove the post from
- **post\_id** - ID of the post to remove

### Example POST Object

```
{
  "set_id": 555,
  "post_id": 44456
}
```

### Response

Response object should look similar to the object below. ? representing a response property that may or may not be returned

```
success: boolean,  
reason?: string,  
message?: string
```

## Update

Update a set by ID

Base URL is <https://e621.net/set/update.json>

### POST Parameters

only `set[id]` is required

- `set[id]` - ID of the set to update
- `set[name]` - The name of the set
- `set[shortname]` - The short name of the set
- `set[description]` - The description of the set
- `set[public]` - Whether to make the set public (true) or private (false)
- `set[transfer_to_parent_on_delete]` - Whether to replace deleted posts with their parents

### Example POST Object

```
{  
  "set[id]": 1113,  
  "set[name]": "The name of the set",  
  "set[shortname]": "The short name of the set",  
  "set[description]": "The description of the set",  
  "set[public]": false,  
  "set[transfer_to_parent_on_delete]": true  
}
```

## Response

Response object should look similar to the object below. ? representing a response property that may or may not be returned

```
success: boolean,  
reason?: string,  
message?: string
```