

Ushahidi 3.x API Forms Resource

FEATURE: COMPLETE

DOCS: NEED UPDATE

- POST forms
- GET forms
- GET forms/:id
- PUT forms/:id
- DELETE forms/:id

POST forms

Create a Form

METHOD: POST

ENDPOINT: /api/v2/forms/

AUTHENTICATED: No

The request body is a JSON representation of the Form being created. Group and attribute resources can be created at the same time as the form, however these can only be updated/deleted through their own API endpoints.

Example request

POST https://ushv3.dev/api/v2/forms

Post Data

```
{
  "name": "Missing Persons Form",
  "type": "report",
  "description": "PFIF Form",
  "groups": [
    {
      "label": "Person Record",
      "priority": 1,
      "attributes": [
        {
          "key": "full_name",
          "label": "Full Name",
          "type": "varchar",
          "input": "text",
          "required": true,
          "priority": 1
        },
        {
          "key": "description",
          "label": "Description",
          "type": "text",
          "input": "textarea",
          "required": true,
          "priority": 2
        },
        {
          "key": "dob",
          "label": "Date of Birth",
```

```
    "type":"int",
    "input":"date",
    "required":false,
    "priority":3
  },
  {
    "key":"missing_date",
    "label":"Missing Date",
    "type":"int",
    "input":"date",
    "required":true,
    "priority":4
  },
  {
    "key":"last_location",
    "label":"Last Known Location",
    "type":"varchar",
    "input":"text",
    "required":false,
    "priority":5
  },
  {
    "key":"status",
    "label":"Status",
    "type":"varchar",
    "input":"select",
    "required":false,
    "options":[
      "Missing",
      "Alive",
      "Dead"
    ],
    "priority":6
  }
]
}
```

```
]
}
```

Response

```
{
  "id":1
  "name":"Missing Persons Form",
  "type":"report",
  "description":"PFIF Form",
  "groups":[
    {
      "label":"Person Record",
      "priority": 1,
      "attributes":[
        {
          "key":"full_name",
          "label":"Full Name",
          "type":"varchar",
          "input":"text",
          "required":true,
          "priority":1
        },
        {
          "key":"description",
          "label":"Description",
          "type":"text",
          "input":"textarea",
          "required":true,
          "priority":2
        },
        {
          "key":"dob",
          "label":"Date of Birth",
          "type":"int",
          "input":"date",
          "required":false,
          "priority":3
        },
        {
          "key":"missing_date",
          "label":"Missing Date",
          "type":"int",
          "input":"date",
          "required":true,
          "priority":4
        },
        {
          "key":"last_location",
          "label":"Last Known Location",
          "type":"varchar",
          "input":"text",
          "required":false,
          "priority":5
        },
        {

```

```
    "key": "status",
    "label": "Status",
    "type": "varchar",
    "input": "select",
    "required": false,
    "options": [
      "Missing",
      "Alive",
      "Dead"
    ],
    "priority": 6
  }
]
}
```

```
]
}
```

GET forms

Listing all Forms

METHOD: GET

ENDPOINT: /api/v2/forms/

AUTHENTICATED: No

Form attributes and groups are returned along with the form.

Query Parameters (no yet implemented)

Name	Type	Description
q	Optional	Only forms containing this search string will be returned, matched against 'tag' property
order	Optional	Returned forms will be sorted in this order: ASC or DESC. Default: DESC
order_by	Optional	Returned forms will be sorted by this field. Default: created
limit	Optional	Limit number of results returned. Default: 50. Max: 500
offset	Optional	Forms returned will be offset by this number of results

Example Request

GET https://ushv3.dev/api/v2/forms

Response

```
{
  "count": 2,
  "results": [
    {
      "id": "1",
      "name": "Missing Persons Form",
      "description": "PFIF Form",
      "type": "report"
      "groups": [
        {
          "id": "1",
          "label": "Person Record",
          "priority": "1",
          "attributes": [
            {
              "unique": false,
              "input": "text",
```

```
"priority": "99",
"id": "1",
"options": null,
"key": "full_name",
"label": "Full Name",
"type": "varchar",
"required": false,
"default": null
},
{
  "unique": false,
  "input": "textarea",
  "priority": "99",
  "id": "2",
  "options": null,
  "key": "description",
  "label": "Description",
  "type": "text",
  "required": false,
  "default": null
},
{
  "unique": false,
  "input": "text",
  "priority": "99",
  "id": "3",
  "options": null,
  "key": "dob",
  "label": "Date of Birth",
  "type": "datetime",
  "required": false,
  "default": null
},
{
  "unique": false,
  "input": "text",
  "priority": "99",
  "id": "4",
  "options": null,
  "key": "missing_date",
  "label": "Missing Date",
  "type": "datetime",
  "required": false,
  "default": null
},
{
  "unique": false,
  "input": "text",
  "priority": "99",
  "id": "5",
  "options": null,
  "key": "last_location",
  "label": "Last Known Location",
  "type": "varchar",
  "required": false,
  "default": null
},
{
  "unique": false,
```

```
    "input": "select",
    "priority": "99",
    "id": "6",
    "options": [
      "Missing",
      "Alive",
      "Dead"
    ],
    "key": "status",
    "label": "Status",
    "type": "varchar",
    "required": false,
    "default": null
  }
]
}
],
{
  "id": "2",
  ...
}
```

```
]
}
```

GET forms/:id

Get a single form

METHOD: GET

ENDPOINT: /api/v2/forms/:id

AUTHENTICATED: Yes

Form attributes and groups are returned along with the form.

Query Parameters

Name	Type	Description
id	Required	The numerical id of the form being updated.

Example Request

GET http://ushv3.dev/api/v2/forms/1

Response

```
{
  "id": "1",
  "name": "Missing Persons Form",
  "description": "PFIF Form",
  "type": "report"
  "groups": [
    {
      "id": "1",
      "label": "Person Record",
      "priority": "1",
      "attributes": [
        {
          "unique": false,
          "input": "text",
          "priority": "99",
          "id": "1",
          "options": null,
          "key": "full_name",
          "label": "Full Name",
          "type": "varchar",
          "required": false,
          "default": null
        },
        {
          "unique": false,
          "input": "textarea",
          "priority": "99",
          "id": "2",
```



```
"options": null,
"key": "description",
"label": "Description",
"type": "text",
"required": false,
"default": null
},
{
  "unique": false,
  "input": "text",
  "priority": "99",
  "id": "3",
  "options": null,
  "key": "dob",
  "label": "Date of Birth",
  "type": "datetime",
  "required": false,
  "default": null
},
{
  "unique": false,
  "input": "text",
  "priority": "99",
  "id": "4",
  "options": null,
  "key": "missing_date",
  "label": "Missing Date",
  "type": "datetime",
  "required": false,
  "default": null
},
{
  "unique": false,
  "input": "text",
  "priority": "99",
  "id": "5",
  "options": null,
  "key": "last_location",
  "label": "Last Known Location",
  "type": "varchar",
  "required": false,
  "default": null
},
{
  "unique": false,
  "input": "select",
  "priority": "99",
  "id": "6",
  "options": [
    "Missing",
    "Alive",
    "Dead"
  ],
  "key": "status",
  "label": "Status",
  "type": "varchar",
  "required": false,
  "default": null
}
```



```
]
}
```

PUT forms/:id

Update a form

METHOD: PUT

ENDPOINT: /api/v2/forms/:id

AUTHENTICATED: Yes

Only the form resource itself can be updated. Group and attribute resources have to be updated through their respective endpoints.

Query Parameters

Name	Type	Description
id	Required	The numerical id of the form being updated.

Example Request

PUT http://ushv3.dev/api/v2/forms/1

Post Data

```
{
  "name": "Missing Persons Form",
  "type": "report",
  "description": "PFIF Form",
}
```

Response

```
{
  "id": 1,
  "name": "Missing Persons Form",
  "type": "report",
  "description": "PFIF Form",
  "groups": [
    {
      "label": "Person Record",
      "priority": 1,
      "attributes": [
        {
          "key": "full_name",
          "label": "Full Name",
          "type": "varchar",
          "input": "text",
          "required": true,
          "priority": 1
        }
      ]
    }
  ]
}
```

```
    "key": "description",
    "label": "Description",
    "type": "text",
    "input": "textarea",
    "required": true,
    "priority": 2
  },
  {
    "key": "dob",
    "label": "Date of Birth",
    "type": "int",
    "input": "date",
    "required": false,
    "priority": 3
  },
  {
    "key": "missing_date",
    "label": "Missing Date",
    "type": "int",
    "input": "date",
    "required": true,
    "priority": 4
  },
  {
    "key": "last_location",
    "label": "Last Known Location",
    "type": "varchar",
    "input": "text",
    "required": false,
    "priority": 5
  },
  {
    "key": "status",
    "label": "Status",
    "type": "varchar",
    "input": "select",
    "required": false,
    "options": [
      "Missing",
      "Alive",
      "Dead"
    ],
    "priority": 6
  }
]
}
```

```
]
}
```

DELETE forms/:id

Deleting a form

METHOD: DELETE

ENDPOINT: /api/v2/forms/:id

AUTHENTICATED: YES

Form groups will be deleted along with the form itself. Attributes can belong to many forms so will not be deleted.

Query Parameters

Name	Type	Description
id	Required	The numerical id of the form being deleted.

Example request

DELETE /api/v2/forms/2

Response

```
{
  "id":1
  "name":"Missing Persons Form",
  "type":"report",
  "description":"PFIF Form",
  "groups":[
    {
      "label":"Person Record",
      "priority": 1,
      "attributes":[
        {
          "key":"full_name",
          "label":"Full Name",
          "type":"varchar",
          "input":"text",
          "required":true,
          "priority":1
        },
        {
          "key":"description",
          "label":"Description",
          "type":"text",
          "input":"textarea",
          "required":true,
          "priority":2
        },
        {
          "key":"dob",
          "label":"Date of Birth",
```

```
    "type":"int",
    "input":"date",
    "required":false,
    "priority":3
  },
  {
    "key":"missing_date",
    "label":"Missing Date",
    "type":"int",
    "input":"date",
    "required":true,
    "priority":4
  },
  {
    "key":"last_location",
    "label":"Last Known Location",
    "type":"varchar",
    "input":"text",
    "required":false,
    "priority":5
  },
  {
    "key":"status",
    "label":"Status",
    "type":"varchar",
    "input":"select",
    "required":false,
    "options":[
      "Missing",
      "Alive",
      "Dead"
    ],
    "priority":6
  }
]
}
```

