

iPalvelu REST API

The REST API must be activated by order from iPalvelu, in order for it to function!

Authentication Methods

iPalvelu supports 2 built-in methods of authentication: OAuth 1.0a and Basic Wordpress Authentication.

Authentication

Basic Authentication is supported, but only on requests that are sent using HTTPS. HTTP requests must use OAuth 1.0a authentication.

OAuth 1.0a is the recommended authentication method as it offers a higher level of security.

Note that array parameters must be indexed in order for the signature to validate correctly. For example use `form_ids[0]=1&form_ids[1]=2` instead of `form_ids[]=1&form_ids[]=2`.

Basic Wordpress Authentication

Additionally iPalvelu supports Wordpress authentication methods:

[Authentication](#) | [REST API Handbook](#) | [WordPress Developer Resources](#)

Specify the Content Type when appropriate

The content-type `application/json` must be specified when sending JSON.

Example

```
curl --data [EXAMPLE_DATA] --header "Content-Type: application/json" https://mydomain.ipalvelu.fi/json-api/gf/v2
```

No Response Envelope

The response will not be enveloped by default. This means that the response will not be a JSON string containing the "status" and "response" – the body will contain the response and the HTTP code will contain the status.

The WP-API will envelope the response if the `_envelope` param is included in the request.

Specify the Content Type when appropriate

The content-type `application/json` must be specified when sending JSON.

Example

```
curl --data [EXAMPLE_DATA] --header "Content-Type: application/json"  
https://mydomain.ipalvelu.fi/json-api/gf/v2
```

No Response Envelope

The response will not be enveloped by default. This means that the response will not be a JSON string containing the “status” and “response” – the body will contain the response and the HTTP code will contain the status.

The WP-API will envelope the response if the `_envelope` param is included in the request.

Example

Standard response:

```
{  
  "3": "Drop Down First Choice",  
  "created_by": "1",  
  "currency": "EUR",  
  "date_created": "2016-10-10 18:06:12",  
  "form_id": "1",  
  "id": "1",  
  "ip": "127.0.0.1",  
  "is_fulfilled": null,  
  "is_read": 0,  
  "is_starred": 0,  
  "payment_amount": null,  
  "payment_date": null,  
  "payment_method": null,  
  "payment_status": null,  
  "post_id": null,  
  "source_url": "http://mydomain.ipalvelu.fi?gf_page=preview&id=1",  
  "status": "active",
```

```
"transaction_id": null,

"transaction_type": null,

"user_agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_0)
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/53.0.2785.143 Safari/537.36"

}
```

Response with `_envelope` parameter:

```
{

"body": {

"3": "Drop Down First Choice",

"created_by": "1",

"currency": "EUR",

"date_created": "2016-10-10 18:06:12",

"form_id": "1",

"id": "1",

"ip": "127.0.0.1",

"is_fulfilled": null,

"is_read": 0,

"is_starred": 0,

"payment_amount": null,

"payment_date": null,

"payment_method": null,

"payment_status": null,

"post_id": null,

"source_url": "http://mydomain.ipalvelu.fi?gf_page=preview&id=1",

"status": "active",

"transaction_id": null,

"transaction_type": null,

"user_agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_0)
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/53.0.2785.143 Safari/537.36"

},
```

```
"headers": {  
  "Allow": "GET, POST, PUT, PATCH, DELETE"  
},  
"status": 200  
}
```

Form Submissions

The Form Submissions endpoint now accepts application/json, application/x-www-form-urlencoded and multipart/form-data content types. With the introduction of support for multipart/form-data now files can be sent to single file upload fields.

Request values should be sent all together instead of in separate elements for input_values, field_values, target_page and source_page.

Example

Example body of a JSON request:

```
{  
  "input_1": "test",  
  "field_values": "",  
  "source_page": 1,  
  "target_page": 0  
}
```

POST Single Resources

In order to maintain consistency with the WP API, the POST /entries and POST /forms endpoints no longer accept collections. This means that it's no longer possible to create multiple entries or forms in a single request.

DELETE now trashes

Sending DELETE requests will send the resource to the trash instead of deleting it permanently.

Repeating the DELETE request will not delete the resource permanently but it will generate a 401 (Gone) response code.

Use the 'force' parameter to delete the entry or form permanently.

DELETE, POST and PUT responses

Successful DELETE, POST and PUT requests now return the deleted, updated or created entry or form instead of a confirmation message.

Unit Tests

The unit tests can be installed from the terminal using:

```
bash tests/bin/install.sh [DB_NAME] [DB_USER] [DB_PASSWORD] [DB_HOST]
```

If you're using **VVV** you can use this command:

```
bash tests/bin/install.sh wordpress_unit_tests root root mydomain.ipalvelu.fi
```

API Documentation

Authentication

API Path

The API can be accessed as route from the WordPress REST API. This should look something like this:

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/
```

For example, to obtain the IPalvelu entry with ID 5, your request would be made to the following:

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/5
```

Sending Requests

PHP

```
// Define the URL that will be accessed.

$url = rest_url( 'gf/v2/entries' );

// Example using Basic Authentication

$args = array(
    'Authorization' => 'Basic ' . base64_encode( 'admin' . ':' . '12345' ),
    'headers'      => array( 'Content-type' => 'application/json' ),
);

// Make the request to the API.

$response = wp_remote_get( $url, $args );

// Check the response code.

if ( wp_remote_retrieve_response_code( $response ) != 200 || ( empty(
wp_remote_retrieve_body( $response ) ) ) ){

// If not a 200, HTTP request failed.

die( 'There was an error attempting to access the API.' );

}

// Result is in the response body and is json encoded.

$body = json_decode( wp_remote_retrieve_body( $response ), true );

// Check the response body.

if( $body['status'] > 202 ){

die( "Could not retrieve forms." );

}

// Entries retrieved successfully.
```

```
$entries = $body['response'];
```

In this example, the `$entries` variable contains the response from the API request.

Endpoints

GET /entries

Gets all entries.

Path

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries
```

Response [json]

The response will contain a JSON object which contains the entry details. An example can be found below:

Example Response

```
{
  "total_count": 2,
  "entries": [
    {
      "2": "Creating using REST API v2",
      "3": "Manually created using the POST route of the REST API v2",
      "id": "311",
      "form_id": "176",
      "post_id": null,
      "date_created": "2018-10-16 12:43:23",
      "date_updated": "2018-10-16 19:33:56",
      "is_starred": "0",
      "is_read": "1",
      "ip": "::1",
      "source_url": "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
    }
  ]
}
```

```
"user_agent": "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101  
Firefox/38.0",
```

```
"currency": "EUR",
```

```
"payment_status": null,
```

```
"payment_date": null,
```

```
"payment_amount": null,
```

```
"payment_method": "",
```

```
"transaction_id": null,
```

```
"is_fulfilled": null,
```

```
"created_by": "1",
```

```
"transaction_type": null,
```

```
"status": "active",
```

```
"1.3": "Post",
```

```
"1.6": "Entries 2",
```

```
"1.2": "",
```

```
"1.4": "",
```

```
"1.8": "",
```

```
"_labels": {
```

```
"1": {
```

```
"1.2": "Prefix",
```

```
"1.3": "First",
```

```
"1.4": "Middle",
```

```
"1.6": "Last",
```

```
"1.8": "Suffix"
```

```
},
```

```
"2": "Untitled",
```

```
"3": "Untitled"
```

```
}
```

```
},
```

```
{
```

```
"2": "Creating using REST API v2",
```

```
"3": "Manually created using the POST route of the REST API v2",
```



```
"id": "310",
"form_id": "176",
"post_id": null,
"date_created": "2018-10-16 12:43:23",
"date_updated": "2018-10-16 19:32:16",
"is_starred": "0",
"is_read": "1",
"ip": "::1",
"source_url": "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
"user_agent": "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101
Firefox/38.0",
"currency": "EUR",
"payment_status": null,
"payment_date": null,
"payment_amount": null,
"payment_method": "",
"transaction_id": null,
"is_fulfilled": null,
"created_by": "1",
"transaction_type": null,
"status": "active",
"1.3": "Post",
"1.6": "Entries 1",
"1.2": "",
"1.4": "",
"1.8": "",
"_labels": {
"1": {
"1.2": "Prefix",
"1.3": "First",
"1.4": "Middle",
```

```

"1.6": "Last",
"1.8": "Suffix"
},
"2": "Untitled",
"3": "Untitled"
}
}
]
}

```

Required Properties

There are no required properties.

Optional Properties

- **_field_ids** – A comma separated list of fields to include in the response.
- **_labels** – Enables the inclusion of field labels in the results. Use the value “1” to include labels.
- **form_ids** – An array of forms to include in the response.
- **include** – An array of entries to include in the response. If an entry id included is not found in the database, no error is thrown.
- **paging** – The paging criteria.
The paging encompasses the following:
 - page_size** – The number of results per page.
 - current_page** – The current page from which to pull details.
 - offset** – The record number on which to start retrieving data. It is zero-based. If the `current_page` property is specified, then offset is not used.
- **search** – The search criteria.
The search encompasses the following:
 - status** – The status of the entry. Possible values are **active**, **spam**, **trash**. The default status is **active**.
 - mode** – The type of search to apply. Possible values are **all**, **any**. The default mode is **all**.
 - field_filters** – An array of filters to search by. The array uses:
 - key** – The field ID.
 - value** – The value to search for.
 - operator** – The comparison operator to use. The operator defaults to `=`. Possible values are: **is**, **=**, **contains**, **like**, **is not**, **isnot**, **<**, **>**, **not in**, **in**.
- **sorting** – The sorting criteria. The default sort is by entry id, descending (most recent entries first). The sorting encompasses the following:
 - key** – The database field by which to sort. `wp_gf_entry`
- Contains Gravity Forms entries.
- id
- The unique entry ID :

- form_id
- The form ID that the entry is associated with.
- post_id
- The ID of the post that was created from the entry, if applicable.
- date_created
- The date that the entry was created.
- date_updated
- The date that the entry was last updated.
- is_starred
- If the entry is starred. Integer is used as a boolean (0 is false, 1 is true).
- is_read
- If the entry has been marked as read. Integer is used as a boolean (0 is false, 1 is true).
- ip
- The IP address that submitted the entry.
- source_url
- The URL of where the submission took place.
- user_agent
- The user agent of the entry submitter.
- currency
- The currency used in the entry, if applicable.
- payment_status
- The status of the payment, if applicable.
- payment_date
- The date that the payment took place, if applicable.
- payment_amount
- The amount of the payment, if applicable.
- payment_method
- The transaction method used to process the payment, if applicable.
- transaction_id
- The transaction ID associated with the entry, if applicable.
- is_fulfilled
- If the transaction has been fulfilled, if applicable.
- created_by
- The ID of the user that created the entry, if applicable.
- transaction_type
- The transaction type, if applicable.
- status
- The current entry status.

direction – The direction. Either **ASC**, **DESC**, or **RAND** (random order).

is_numeric – If the key is numeric.

Sample Usage

Retrieve specific fields

```
//retrieve field ids 1, 6.1, 6.2, 6.3 and date_created for entry id 5
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/5?_field_ids=1,6.1,6.2,6.3,date_created
```

Include field labels

```
//include field labels in results
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?_labels=1
```

Include specific forms

```
//retrieve data for form id 1 and form id 30
```

```
//each form id needs to be represented as an array
```

```
//the first form is listed as form_ids[0], next forms_id[1], then forms_id[2]
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?form_ids[0]=1&form_ids[1]=30
```

Include specific entries

```
//retrieve data for entry id 1 and entry id 3
```

```
//each entry id needs to be represented as an array
```

```
//the first entry is listed as include[0], next include[1], then include[2]
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?include[0]=1&include[1]=3
```

Use Paging

```
//retrieve 20 results per page
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?paging[page_size]=20
```

```
//retrieve 20 results per page starting with the 16th row (offset starts at 0)
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?paging[page_size]=20&paging[offset]=15
```

```
//retrieve 5 results per page, starting with the second page
```

```
https://mydomain.ipalvelu.fi/json-  
api/gf/v2/entries?paging[page_size]=5&paging[current_page]=2
```

Use Sorting

```
//sort results ASCending by id
```

```
https://mydomain.ipalvelu.fi/json-  
api/gf/v2/entries?sorting[key]=id&sorting[direction]=ASC&sorting[is_numeric]=true
```

```
//sort results DESCending by date_created
```

```
https://mydomain.ipalvelu.fi/json-  
api/gf/v2/entries?sorting[key]=date_created&sorting[direction]=DESC&sorting
```

```
//sort results randomly
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?sorting[direction]=RAND
```

```
//sort results by post_id
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?sorting[key]=post_id
```

```
//sort results by field id 2
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?sorting[key]=2
```

Search

```
//retrieve entries where field id 2 contains the text **test**
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/?search={"field_filters":  
[{"key":2,"value":"test","operator":"contains"}]}
```

```
//retrieve entries where field id 2 AND field id 1.3 contains the text **squiffy**
```

```
//since the search mode is not specified **and** is used for the mode
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?search={"field_filters":
[{"key":2,"value":"squiffy","operator":"contains"}, {"key":1.3,"value":"squiffy","operator":"contains"}]}
```

```
//same search but setting mode to **any**
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?search={"field_filters":{"mode":"any","0":{"key":2,"value":"squiffy","operator":"contains"},"1":{"key":1.3,"value":"squiffy","operator":"contains"}}}
```

```
//retrieve entries created on a specific day (use the date_created field)
```

```
//this example returns entries created on September 10, 2019
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries?search={"field_filters":
[{"key":"date_created","value":"09/10/2019","operator":"is"}]}
```

POST /entries

Creates a single entry.

Path

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries
```

Input [json]

The data sent must be in JSON format.

Example Input

```
{
  "form_id"    : "176",
  "date_created" : "2018-10-16 12:43:23",
  "is_starred"  : 0,
  "is_read"    : 1,
  "ip"         : ":::1",
  "source_url" : "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
  "currency"   : "EUR",
  "created_by" : 1,
  "user_agent" : "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101
Firefox/38.0",
  "status"    : "active",
  "1.3"      : "Post",
  "1.6"      : "Entries 2",
  "2"        : "Creating using REST API v2",
  "3"        : "Manually created using the POST route of the REST API v2"
}
```

Response [json]

When creating an entry, the response body will contain the newly created entry.

Example Response

```
{
  "2": "Creating using REST API v2",
  "3": "Manually created using the POST route of the REST API v2",
  "form_id": 176,
  "date_created": "2018-10-16 12:43:23",
  "is_starred": 0,
  "is_read": 1,
  "ip": "::1",
  "source_url": "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
  "currency": "EUR",
  "created_by": 1,
  "user_agent": "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101
  Firefox/38.0",
  "status": "active",
  "1.3": "Post",
  "1.6": "Entries 2",
  "id": 313
}
```

Required Properties

- **form_id** – The ID of the form to which the entry belongs.

Optional Properties

- **created_by** – The user ID of the entry submitter.
- **date_created** – The date the entry was created, in UTC.
- **ip** – The IP address of the entry creator.
- **is_fulfilled** – Whether the transaction has been fulfilled, if applicable.
- **is_read** – Whether the entry has been read.
- **is_starred** – Whether the entry is starred.
- **source_url** – The URL where the form was embedded.
- **status** – The status of the entry.
- **user_agent** – The user agent string for the browser used to submit the entry.

Payment Properties

Payment properties only apply when payment fields are present.

- **payment_amount** – The amount of the payment.
 - **payment_date** – The date of the payment.
 - **payment_method** – The payment method for the payment.
 - **payment_status** – The status of the payment.
 - **transaction_id** – The transaction ID for the payment.
 - **transaction_type** – The type of the transaction.
-

GET /entries/[ENTRY_ID]

Gets an entry based on the entry ID.

Path

1 <https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/1>

Response [json]

The response will contain a JSON object with the entry details.

Response Example

```
{
  "id": "71",
  "form_id": "1",
  "date_created": "2016-11-28 18:12:17",
  "is_starred": 0,
  "is_read": 0,
  "ip": "127.0.0.1",
  "source_url": "http://mydomain.ipalvelu.fi/pagename",
  "post_id": null,
  "created_by": "2",
  "user_agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_2) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/54.0.2840.87 Safari/537.36",
  "status": "active",
  "1": "",
  "2": "",
  "3": "",
  "4": "",
  "5": "",
  "6.1": "",
  "6.2": "",
  "6.3": ""
}
```

Required Properties

There are no required properties.

Optional Properties

- **_field_ids** – A comma separated list of fields to include in the response.
- **_labels** – Enables the inclusion of field labels in the results. Use the value “1” to include labels.

PUT /entries/[ENTRY_ID]

Updates an entry based on the specified entry ID.

Path

`https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/1`

Input [json]

The data sent must be in JSON format.

Example Input

```
{
  "form_id"    : "176",
  "date_created" : "2018-10-16 12:43:23",
  "is_starred"  : 1,
  "is_read"    : 1,
  "ip"         : "::1",
  "source_url"  : "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
  "currency"   : "EUR",
  "created_by"  : 1,
  "user_agent"  : "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101 Firefox/38.0",
  "status"     : "active",
  "1.3"        : "Test Put",
  "1.6"        : "Update Entry 312",
  "2"          : "Creating using REST API v2",
  "3"          : "Manually created using the POST route of the REST API v2"
}
```

Response [json]

When updating an entry, the response body will contain the complete updated entry.

Example Response

```
{
  "2": "Creating using REST API v2",
  "3": "Manually created using the POST route of the REST API v2",
  "id": "313",
  "form_id": "176",
  "post_id": null,
  "date_created": "2018-10-16 12:43:23",
  "date_updated": "2018-10-16 21:13:37",
  "is_starred": "1",
  "is_read": "1",
  "ip": "::1",
  "source_url": "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
  "user_agent": "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101
  Firefox/38.0",
  "currency": "EUR",
  "payment_status": null,
  "payment_date": null,
  "payment_amount": null,
  "payment_method": "",
  "transaction_id": null,
  "is_fulfilled": null,
  "created_by": "1",
  "transaction_type": null,
  "status": "active",
  "1.3": "Test Put",
  "1.6": "Update Entry 312",
```

```
"1.2": "",  
"1.4": "",  
"1.8": ""  
}
```

Required Properties

There are no required properties, but values not provided WILL BE BLANKED OUT.

Optional Properties

- **created_by** – The user ID of the entry submitter.
- **date_created** – The date the entry was created, in UTC.
- **ip** – The IP address of the entry creator.
- **is_fulfilled** – Whether the transaction has been fulfilled, if applicable.
- **is_read** – Whether the entry has been read.
- **is_starred** – Whether the entry is starred.
- **source_url** – The URL where the form was embedded.
- **status** – The status of the entry.
- **user_agent** – The user agent string for the browser used to submit the entry.

Payment Properties

Payment properties only apply when payment fields are present.

- **payment_amount** – The amount of the payment.
- **payment_date** – The date of the payment.
- **payment_method** – The payment method for the payment.
- **payment_status** – The status of the payment.
- **transaction_id** – The transaction ID for the payment.
- **transaction_type** – The type of the transaction.

POST /entries/[ENTRY_ID]/notifications

Sends the notifications for the given entry.

Path

```
1 https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/1/notifications
```

Response

If successful, an array of the notification ids processed is returned.

```
[  
"5bc65eb299da8",  
"5bc63abd9601a"  
]
```

Required Properties

There are no required properties

Optional Properties

- **_notifications** – Comma-separated list of notification ids to be sent for the entry.
- **_event** – The event to trigger. The default is "form_submission".

Sample Usage

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/1/notifications?_notifications=5bc65eb299da8,5bc63abd9601a
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/1/notifications?_event=form_submission
```

DELETE /entries/[ENTRY_ID]

Sends the specified entry to the trash. If the entry is already in the trash then repeating this request will not delete the entry permanently but the response code will be 410 (Gone). Use the 'force' parameter to delete the entry permanently.

Path

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/1
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/entries/1?force=1
```

Response [json]

Successful Response

A successful response will return a JSON string of the trashed or deleted entry.

```
{
  "2": "x",
  "3": "x",
  "id": "314",
  "form_id": "176",
  "post_id": null,
  "date_created": "2018-10-16 21:57:28",
  "date_updated": "2018-10-16 21:57:28",
  "is_starred": "0",
  "is_read": "0",
  "ip": "::1",
  "source_url": "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
  "user_agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/69.0.3497.100 Safari/537.36",
  "currency": "EUR",
  "payment_status": null,
  "payment_date": null,
  "payment_amount": null,
  "payment_method": null,
  "transaction_id": null,
  "is_fulfilled": null,
  "created_by": "1",
```

```
"transaction_type": null,  
"status": "trash",  
"1.3": "test",  
"1.6": "test",  
"1.2": "",  
"1.4": "",  
"1.8": ""  
}
```

Failed Response

A failed response will provide a JSON string of the error code and message.

```
{  
"code": "gf_cannot_delete",  
"message": "Invalid entry id: 71",  
"data": {  
"status": 500  
}  
}
```

Entry Already Deleted Response

```
{  
"code": "gf_already_trashed",  
"message": "The entry has already been deleted.",  
"data": {  
"status": 410  
}  
}
```

Required Properties

There are no required properties.

Optional Properties

- **force** – Deletes the entry permanently when setting to “1”.

GET /forms

Gets the details of all forms.

Path

```
1 https://mydomain.ipalvelu.fi/json-api/gf/v2/forms
```

Response [json]

```
{
  "4": {
    "id": "4",
    "title": "Multi-Page Form",
    "entries": "2"
  },
  "1": {
    "id": "1",
    "title": "Test Form",
    "entries": "60"
  },
  "5": {
    "id": "5",
    "title": "Test Form 2",
    "entries": "2"
  },
  "6": {
    "id": "6",
```

```
"title": "Test Form 3",  
"entries": "2"  
}  
}
```

Required Properties

There are no required properties.

Optional Properties

- **include** – An array of forms to include in the response.

Sample Usage

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/forms?include[1]&include[3]
```

POST /forms

Creates a form.

Path

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/forms
```

Input

The information for the new form will be in a JSON string.

Example Input

```
{
  "title": "API Generated Form",
  "description": "This is the description for the form generated by the API",
  "labelPlacement": "top_label",
  "button": {
    "type": "text",
    "text": "",
    "imageUrl": ""
  },
  "fields": [
    {
      "id" : "1",
      "label" : "My Text",
      "type" : "text"
    },
    {
      "id" : "2",
      "label" : "More Text",
      "type" : "text"
    }
  ],
  "confirmations": {
    "0": {
      "id" : 0,
      "name" : "Default Confirmation",
```

```
"type" : "redirect",
"url" : "http://www.rocketgenius.com",
"isDefault" : true
},
"1":
{
"id" : 1,
"name" : "Confirmation 2",
"type" : "message",
"message" : "Thanks for contacting us! We will get in touch with you shortly.",
"isDefault" : false
}
}
}
```

Response

Successful Response

A successful response returns a JSON string of the newly created form.

```
{
"title":"API Generated Form(2)",
"description":"This is the description for the form generated by the API",
"labelPlacement":"top_label",
"button":{
"type":"text",
"text":"",
"imageUrl":""
},
"fields":[
{
```

```
"type":"text","id":1,
"label":"My Text",
"visibility":"visible",
"pageNumber":1,
"formId":179,
"adminLabel":"",
"description":"",
"isRequired":false,
"allowsPrepopulate":false,
"inputMask":false,
"inputMaskValue":"",
"inputType":"",
"size":"",
"errorMessage":"",
"labelPlacement":"",
"descriptionPlacement":"",
"subLabelPlacement":"",
"placeholder":"",
"cssClass":"",
"inputName":"",
"noDuplicates":false,
"defaultValue":"",
"inputs":"",
"choices":"",
"conditionalLogic":""
},
{
"type":"text",
"id":2,
"label":"More Text",
"visibility":"visible",
```

```
"pageNumber":1,
"formId":179,
"adminLabel":"","
"description":"","
"isRequired":false,
"allowsPrepopulate":false,
"inputMask":false,
"inputMaskValue":"","
"inputType":"","
"size":"","
"errorMessage":"","
"labelPlacement":"","
"descriptionPlacement":"","
"subLabelPlacement":"","
"placeholder":"","
"cssClass":"","
"inputName":"","
"noDuplicates":false,
"defaultValue":"","
"inputs":"","
"choices":"","
"conditionalLogic":""
}
],
"version":"2.3.4.3",
"id":179,
"notifications":[],
"confirmations":[
{
"id":0,
"name":"Default Confirmation",
```

```
"type": "redirect",
"url": "http://www.rocketgenius.com",
"isDefault": true
},
{
  "id": 1,
  "name": "Confirmation 2",
  "type": "message",
  "message": "Thanks for contacting us! We will get in touch with you shortly.",
  "isDefault": false
}
],
"is_active": "1",
"date_created": "2018-10-18 20:18:43",
"is_trash": "0"
}
```

Failed Response

The failed response will be a JSON string with the code and message.

```
{
  "code": "missing_form_json",
  "message": "The Form object must be sent as a JSON string in the request body with the content-type header set to application/json.",
  "data": {
    "status": 400
  }
}
```

Required Properties

- **fields** – A collection of **Field Objects**. See the example input above for how to format this.
- **title** – The form title.

Form Objects

adminLabel string When specified, the value of this property will be used on the admin pages instead of the label. It is useful for fields with long labels. Applies to: All fields

adminOnly bool Determines if this field should only visible on the administration pages. A value of 1 will mark the field as admin only and will hide it from the public form. Useful for fields such as “status” that help with managing entries, but don’t apply to users filling out the form. Applies to: All fields

allowsPrepopulate bool Determines if the field’s value can be pre-populated dynamically. 1 to allow field to be pre-populated, 0 otherwise. Applies to: All fields

choices array Contains the available choices for the field. For instance, drop down items and checkbox items are configured with this property. Applies to: select, checkbox, radio, post_category

```
$choices = $field->choices;  
$choices[0]['text'] = 'Drop down item 1';  
$field->choices = $choices;
```

Each choice in the array has the following Properties:

text string The text to be displayed to the user when displaying this choice.

value string The value to be stored in the database when this choice is selected. Note: This property is only supported by the Drop Down and Post Category fields. Checkboxes and Radio fields will store the text property in the database regardless of the value property

isSelected bool Determines if this choice should be selected by default when displayed. The value 1 will select the choice, 0 will display it unselected.

Conditional Logic array Controls the visibility of the field based on values selected by the user.

content string Content of an HTML block field to be displayed on the form Applies to: html

cssClass string Custom CSS class to be added to the tag that contains the field. Useful to apply custom formatting to specific fields. Applies to: All fields

defaultValue string Contains the default value for the field. When specified, the field’s value will be populated with the contents of this property when the form is displayed. Applies to: hidden, text, website, phone, number, date, textarea, email, post_title, post_content, post_excerpt, post_tags, post_custom_field

description string Field description. Applies to: All fields

enableChoiceValue bool Determines if the field (checkbox, select or radio) have choice values enabled, which allows the field to have choice values different from the labels that are displayed to the user Applies to: checkbox, select and radio

errorMessage string Contains the message that is displayed for fields that fail validation Applies to: All fields except html, section and hidden

id integer Field Id

inputName string Assigns a name to this field so that it can be populated dynamically via this input name. Only applicable when allowsPrepopulate is set to 1. Applies to: All fields except section and captcha

isRequired bool Determines if the field requires the user to enter a value. 1 marks the field as required, 0 marks the field as not required. Fields marked as required will prevent the form from being submitted if the user has not entered a value in it. Applies to: All fields except section, html and captcha

label string Field label that will be displayed on the form and on the admin pages Applies to: All fields

noDuplicates bool Determines if the field allows duplicate submissions. 1 to prevent users from submitting the same value more than once, 0 to allow duplicate values. Applies to: hidden, text, website, phone, number, date, time, textarea, select, radio, email, post_custom_field

size string Determines the size of the field when displayed on the page Applies to: All fields except html, section and captcha Possible values: small, medium, large

type string The type of field to be displayed Applies to: All fields

Possible values: html, hidden, section, text, website, phone, number, date, time, textarea, select, checkbox, radio, name, address, fileupload, email, post_title, post_content, post_excerpt, post_tags, post_category, post_image, post_custom_field, captcha

Post Fields

postCustomFieldName string The name of the Post Custom Field that the submitted value should be assigned to. Applies to: post_custom_field

displayAllCategories bool Determines if all categories should be displayed on the Post Category drop down. 1 to display all categories, 0 otherwise. If this property is set to 1 (display all categories), the Post Category drop down will display the categories hierarchically. Applies to: post_category

displayCaption bool Controls the visibility of the caption metadata for Post Image fields. 1 will display the caption field, 0 will hide it. Applies to: post_image

displayDescription bool Controls the visibility of the description metadata for Post Image fields. 1 will display the description field, 0 will hide it. Applies to: post_image

displayTitle bool Controls the visibility of the title metadata for Post Image fields. 1 will display the title field, 0 will hide it. Applies to: post_image

inputType string Contains a field type and allows a field type to be displayed as another field type. A good example is the Post Custom Field, that can be displayed as various different types of fields. Applies to: post_custom_field

Advanced Fields

Number

numberFormat string Specifies the format allowed for the number field. Applies to: number
Possible values: decimal_dot, decimal_comma
decimal_dot: 9,999.99
decimal_comma: 9.999,99

rangeMin float Minimum allowed value for a number field. Values lower than the number specified by this property will cause the field to fail validation. Applies to: number

rangeMax float Maximum allowed value for a number field. Values higher than the number specified by this property will cause the field to fail validation. Applies to: number

Date

calendarIconType string Determines how the date field displays its calendar icon Applies to: date

Possible values: calendar, custom, none

calendar: Displays the standard calendar icon

none: Disables the calendar icon

calendarIconUrl string Contains the URL to the custom calendar icon. Only applicable when calendarIconType is set to custom Applies to: date

dateFormat string Determines how the date is displayed Applies to: date

Possible values: mdy, dmy

mdy: 01/25/2010

dmy: 25/01/2010

Phone

phoneFormat string Determines the allowed format for phones. If the phone value does not conform with the specified format, the field will fail validation. Applies to: phone

Possible values: standard, international

standard: Phone must be in the format: “(###)### – ####”

international: Phone can be in any format

Name and Address

nameFormat string Determines the format of the name field Applies to: name

Possible values: normal, extended, simple

normal: Displays first and last name fields

extended: Displays prefix, first, last and suffix fields

simple: Displays one name field

addressType string Determines the type of address to be displayed. Applies to: address

Possible values: international, us, canadian

international: State input is displayed as a text field and the country drop down is displayed

us: State input is displayed as a drop down with US states and the country drop down is hidden

canadian: State input is displayed as a drop down with Canadian provinces and the country drop down is hidden

defaultCountry string Contains the country that will be selected by default. Only applicable when addressType is set to international Applies to: address

defaultProvince string Contains the province that will be selected by default. Only applicable when addressType is set to canadian Applies to: address

defaultState string Contains the state that will be selected by default. Only applicable when addressType is set to us Applies to: address

hideAddress2 bool Controls the visibility of the address 2 field. A value of 1 will hide the address 2 field, 0 will display it. Applies to: address

hideCountry Controls the visibility of the country drop down. A value of 1 will hide the country drop down, 0 will display it. Only applicable when addressType is set to international
Applies to: address

hideState bool Controls the visibility of the state field. A value of 1 will hide the state field, 0 will display it. Applies to: address

inputs array For fields with multiple inputs (i.e. Name, Address), this property contains a list of inputs. This property also applies to the checkbox field as checkboxes are treated as multi-input fields (since each checkbox item is stored separately). Applies to: name, address, checkbox

```
$inputs = $field->inputs;  
$inputs[0]['label'] = 'First Name';  
//sets the label for the first input  
$field->inputs = $inputs
```

Each input has the following properties.

id float The input id. Input Ids follow the following naming convention: “FIELDID.INPUTID” (i.e. 5.1), where FIELDID is the id of the containing field and INPUTID specifies the input field.

For example, inputs for the name field are numbered as follows:

FIELDID.2 Name Prefix input id (i.e. 4.2)

FIELDID.3 First Name input id (i.e. 4.3)

FIELDID.6 Last Name input id (i.e. 4.6)

FIELDID.8 Name Suffix input id (i.e. 4.8)

label string Input label

name string When the field is configured with allowsPrepopulate set to 1, this property contains the parameter name to be used to populate this field (equivalent to the inputName property of single-input fields)

File Upload

allowedExtensions string Contains a comma delimited list of file extensions that are allowed to be uploaded. (i.e. jpg,gif,png) Applies to: fileupload, post_image

CAPTCHA

captchaType string Determines the type of CAPTCHA field to be used Possible values: recaptcha, simple_captcha, math

NOTE: simple_captcha and math CAPTCHA fields are only available when the “Really Simple CAPTCHA” plugin is installed

captchaTheme string Determines the theme to be used for the reCAPTCHA field. Only applicable to the recaptcha captcha type.

Possible values: red, white, blackglass, clean

simpleCaptchaSize string Determines the CAPTCHA image size. Only applicable to simple_captcha and math captcha types.

Possible values: **small, medium, large**

simpleCaptchaFontColor Determines the image’s font color, in HEX format (i.e. #CCCCCC).

Only applicable to simple_captcha and math captcha types.

simpleCaptchaBackgroundColor string Determines the image's background color, in HEX format (i.e. #CCCCCC). Only applicable to simple_captcha and math captcha types.

Other

enablePasswordInput bool Determines if a text field input tag should be created with a 'password' type Applies to: text

maxLength integer Specifies the maximum number of characters allowed in a text or paragraph field.

enableEnhancedUI bool When set to true, the Chosen jQuery script will be applied to this field, enabling search capabilities to Drop Down fields and a more user-friendly interface for Multi Select fields. Applies to: select, multiselect

Pricing Fields

basePrice float Base price for a single product field. Applies to: singleproduct

disableQuantity bool Specifies if the quantity field on single product fields should be displayed or hidden. Applies to: singleproduct

productField integer Available only on Option fields. Specifies which product field the current option field is linked to. Applies to: option

enablePrice bool Specifies if a price can be entered for each field choice. This option is automatically turned ON for pricing fields when using Drop Down, Radio Button or Checkbox input types. Applies to: checkbox, select, radio

PUT /forms/[FORM_ID]

Updates a form.

Path

<https://mydomain.ipalvelu.fi/json-api/gf/v2/forms>

Input

The form information will be sent in a JSON string.

Example Input

```
{
  "title": "My Form Updated Using PUT",
  "description": "This is the description for the form generated by the API",
  "labelPlacement": "top_label",
  "button": {
    "type": "text",
    "text": "",
    "imageUrl": ""
  },
  "fields": [
    {
      "id" : "1",
      "label" : "My Text",
      "type" : "text"
    },
    {
      "id" : "2",
      "label" : "More Text",
      "type" : "text"
    }
  ]
}
```

Response

Successful Response

A successful response returns a JSON string of the updated form.

```
{
  "title": "My Form Created by POSTing",
  "description": "This is the description for the form generated by the API",
  "labelPlacement": "top_label",
  "button": {
    "type": "text",
    "text": "",
    "imageUrl": ""
  },
  "fields": [
    {
      "type": "text",
      "id": 1,
      "label": "My Text",
      "visibility": "visible",
      "pageNumber": 1,
      "fields": "",
      "formId": "184",
      "adminLabel": "",
      "description": "",
      "isRequired": false,
      "allowsPrepopulate": false,
      "inputMask": false,
      "inputMaskValue": "",
      "inputType": "",
      "size": "",
      "errorMessage": "",
      "labelPlacement": "",
      "descriptionPlacement": "",
      "subLabelPlacement": "",

```

```
"placeholder": "",
"cssClass": "",
"inputName": "",
"noDuplicates": false,
"defaultValue": "",
"inputs": "",
"choices": "",
"conditionalLogic": ""
},
{
"type": "text",
"id": 2,
"label": "More Text",
"visibility": "visible",
"pageNumber": 1,
"fields": "",
"formId": "184",
"adminLabel": "",
"description": "",
"isRequired": false,
"allowsPrepopulate": false,
"inputMask": false,
"inputMaskValue": "",
"inputType": "",
"size": "",
"errorMessage": "",
"labelPlacement": "",
"descriptionPlacement": "",
"subLabelPlacement": "",
"placeholder": "",
"cssClass": "",
```

```
"inputName": "",
"noDuplicates": false,
"defaultValue": "",
"inputs": "",
"choices": "",
"conditionalLogic": ""
}
],
"version": "2.4-beta-1",
"id": "184",
"notifications": [],
"confirmations": [
{
"id": 0,
"name": "Default Confirmation",
"type": "redirect",
"url": "http://www.rocketgenius.com",
"isDefault": true
},
{
"id": 1,
"name": "Confirmation 2",
"type": "message",
"message": "Thanks for contacting us! We will get in touch with you shortly.",
"isDefault": false
}
],
"is_active": "0",
"date_created": "2018-10-22 22:08:08",
"is_trash": "0"
}
```


Failed Response

The failed response will be a JSON string with the code and message.

Form Not Found

```
{
  "code": "not_found",
  "message": "Form not found",
  "data": {
    "status": 404
  }
}
```

Bad JSON string

```
{
  "code": "missing_form_json",
  "message": "The Form object must be sent as a JSON string in the request body with the content-type header set to application/json.",
  "data": {
    "status": 400
  }
}
```

Required Properties

- **title** – The form title.
NOTE: The title will be removed if you do not include it in the string.
- **fields** – A collection of **Field Objects**. See the example input above for how to format this.
NOTE: If you do NOT include the *fields* collection, the form fields will be removed!

DELETE /forms/[FORM_ID]

Sends the specified form to the trash. If the form is already in the trash, then repeating this request will not delete

the form permanently, but the response code will be 410 (Gone). Use the **force** parameter to delete the form permanently.

Path

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/1
```

esponse

Successfully Deleted Response

A successful response returns the deleted form. Notice the **is_trash** value is set to "1", meaning the form is no longer active and is in the Trash.

```
{
  "title": "My Form Updated",
  "labelPlacement": "top_label",
  "fields": [
    {
      "type": "text",
      "id": 1,
      "label": "My Text",
      "visibility": "visible",
      "pageNumber": 1,
      "fields": "",
      "formId": "183",
      "adminLabel": "",
      "description": "",
      "isRequired": false,
      "allowsPrepopulate": false,
      "inputMask": false,
      "inputMaskValue": "",
      "inputType": "",
      "size": "",
```

```
"errorMessage": "",
"labelPlacement": "",
"descriptionPlacement": "",
"subLabelPlacement": "",
"placeholder": "",
"cssClass": "",
"inputName": "",
"noDuplicates": false,
"defaultValue": "",
"inputs": "",
"choices": "",
"conditionalLogic": ""
}
],
"version": "2.4-beta-1",
"id": "183",
"notifications": [],
"confirmations": [
{
"id": 0,
"name": "Default Confirmation",
"type": "redirect",
"url": "http://www.rocketgenius.com",
"isDefault": true
},
{
"id": 1,
"name": "Confirmation xxxxx",
"type": "message",
"message": "Thanks for contacting us! We will get in touch with you shortly.",
"isDefault": false,
```

```
"disableAutoformat": false,
"pageId": 0,
"url": "",
"queryString": "",
"conditionalLogic": {
  "actionType": "show",
  "logicType": "all",
  "rules": [
    {
      "fieldId": "1",
      "operator": "is",
      "value": ""
    }
  ]
},
"is_active": "0",
"date_created": "2018-10-22 21:39:12",
"is_trash": "1"
}
```

Attempt to Delete Trashed Form Response

```
{
  "code": "gf_already_trashed",
  "message": "The form has already been deleted.",
  "data": {
    "status": 410
  }
}
```

Force Delete Response

Notice the **deleted** value of true in the response. The entire **Form Object** is also placed as the value for **previous**.

```
{  
  
  "deleted": true,  
  
  "previous": {  
  
    "title": "My Form Updated",  
  
    "labelPlacement": "top_label",  
  
    "fields": [  
  
      {  
  
        "type": "text",  
  
        "id": 1,  
  
        "label": "My Text",  
  
        "visibility": "visible",  
  
        "pageNumber": 1,  
  
        "fields": "",  
  
        "formId": "183",  
  
        "adminLabel": "",  
  
        "description": "",  
  
        "isRequired": false,  
  
        "allowsPrepopulate": false,  
  
        "inputMask": false,  
  
        "inputMaskValue": "",  
  
        "inputType": "",  
  
        "size": "",  
  
        "errorMessage": "",  
  
        "labelPlacement": "",  
  
        "descriptionPlacement": "",  
  
        "subLabelPlacement": "",  
  
        "placeholder": "",  
  
        "cssClass": "",  
  
      }  
  
    ]  
  
  }  
  
}
```

```
"inputName": "",
"noDuplicates": false,
"defaultValue": "",
"inputs": "",
"choices": "",
"conditionalLogic": ""
}
],
"version": "2.4-beta-1",
"id": "183",
"notifications": [],
"confirmations": [
{
"id": 0,
"name": "Default Confirmation",
"type": "redirect",
"url": "http://www.rocketgenius.com",
"isDefault": true
},
{
"id": 1,
"name": "Confirmation xxxxx",
"type": "message",
"message": "Thanks for contacting us! We will get in touch with you shortly.",
"isDefault": false,
"disableAutoformat": false,
"pageId": 0,
"url": "",
"queryString": "",
"conditionalLogic": {
"actionType": "show",
```

```
"logicType": "all",
"rules": [
{
"fieldId": "1",
"operator": "is",
"value": ""
}
]
},
"is_active": "0",
"date_created": "2018-10-22 21:39:12",
"is_trash": "1"
}
}
```

Failed Response

```
{  
  "code": "gf_form_invalid_id",  
  "message": "Invalid form id.",  
  "data": {  
    "status": 404  
  }  
}
```

Required Properties

There are no required properties.

Optional Properties

- **force** – Deletes the form permanently when setting to “1”, instead of moving to the Trash.

GET /forms/[FORM_ID]

Gets the details of a form based on the specified form ID.

Path

`https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/185`

Response

Successful Response

The **Form Object** is returned.


```
{
  "title": "Simple Form",
  "description": "",
  "labelPlacement": "top_label",
  "descriptionPlacement": "below",
  "button": {
    "type": "text",
    "text": "Submit",
    "imageUrl": ""
  },
  "fields": [
    {
      "type": "text",
      "id": 1,
      "label": "Test",
      "adminLabel": "",
      "isRequired": false,
      "size": "medium",
      "errorMessage": "",
      "visibility": "visible",
      "inputs": null,
      "formId": 185,
      "description": "",
      "allowsPrepopulate": false,
      "inputMask": false,
      "inputMaskValue": "",
      "inputType": "",
      "labelPlacement": "",
      "descriptionPlacement": "",
      "subLabelPlacement": "",

```

```
"placeholder": "",
"cssClass": "",
"inputName": "",
"noDuplicates": false,
"defaultValue": "",
"choices": "",
"conditionalLogic": "",
"productField": "",
"enablePasswordInput": "",
"maxLength": "",
"multipleFiles": false,
"maxFiles": "",
"calculationFormula": "",
"calculationRounding": "",
"enableCalculation": "",
"disableQuantity": false,
"displayAllCategories": false,
"useRichTextEditor": false,
"pageNumber": 1,
"fields": ""
}
],
"version": "2.4-beta-1",
"id": 185,
"useCurrentUserAsAuthor": true,
"postContentTemplateEnabled": false,
"postTitleTemplateEnabled": false,
"postTitleTemplate": "",
"postContentTemplate": "",
"lastPageButton": null,
"pagination": null,
```

```
"firstPageCssClass": null,
"nextFieldId": 2,
"notifications": {
  "5bcf58ccf39c8": {
    "id": "5bcf58ccf39c8",
    "to": "{admin_email}",
    "name": "Admin Notification",
    "event": "form_submission",
    "toType": "email",
    "subject": "New submission from {form_title}",
    "message": "{all_fields}"
  }
},
"confirmations": {
  "5bcf58cd012e7": {
    "id": "5bcf58cd012e7",
    "name": "Default Confirmation",
    "isDefault": true,
    "type": "message",
    "message": "Thanks for contacting us! We will get in touch with you shortly.",
    "url": "",
    "pageId": "",
    "queryString": ""
  }
},
"is_active": "1",
"date_created": "2018-10-23 17:22:20",
"is_trash": "0"
}
```

Form Not Found Response

```
1 {
2   "code": "gf_not_found",
3   "message": "Form not found",
4   "data": null
5 }
```

GET /forms/[FORM_ID]/entries

Gets entries associated with a specific form.

Path

`https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/185/entries`

Response [json]

The response will contain a JSON object which contains the details for each entry, along with a **total_count** of how many entries were returned.

Example Response

```
{
  "total_count": 2,
  "entries": [
    {
      "l": "Test 2",
      "id": "318",
      "form_id": "185",
      "post_id": null,
      "date_created": "2018-10-23 17:29:47",
      "date_updated": "2018-10-23 17:29:47",
      "is_starred": "0",
      "is_read": "0",
      "ip": "::1",
      "source_url": "https://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=185",
      "user_agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.67 Safari/537.36",
      "currency": "EUR",
      "payment_status": null,
      "payment_date": null,
      "payment_amount": null,
      "payment_method": null,
      "transaction_id": null,
      "is_fulfilled": null,
      "created_by": "1",
      "transaction_type": null,
      "status": "active",
      "3.2": "",
      "3.3": "",
      "3.4": ""
    }
  ]
}
```

```
"3.6": "",
"3.8": ""
},
{
"1": "Test",
"id": "317",
"form_id": "185",
"post_id": null,
"date_created": "2018-10-23 17:29:38",
"date_updated": "2018-10-23 17:29:38",
"is_starred": "0",
"is_read": "0",
"ip": "::1",
"source_url": "https://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=185",
"user_agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.67 Safari/537.36",
"currency": "EUR",
"payment_status": null,
"payment_date": null,
"payment_amount": null,
"payment_method": null,
"transaction_id": null,
"is_fulfilled": null,
"created_by": "1",
"transaction_type": null,
"status": "active",
"3.2": "",
"3.3": "",
"3.4": "",
"3.6": "",
"3.8": ""
```

```

}
],
"_labels": {
"1": "Test",
"3": {
"3": "Name",
"3.2": "Prefix",
"3.3": "First",
"3.4": "Middle",
"3.6": "Last",
"3.8": "Suffix"
}
}
}

```

No Entries Found Response{

```

"total_count": 0,
"entries": []
}

```

Optional Arguments

- **_field_ids** – A comma separated list of fields to include in the response.
- **_labels** – Enables the inclusion of field labels in the results. Use the value “1” to include labels.
- **paging** – The paging criteria.
The paging encompasses the following:
 - page_size** – The number of results per page.
 - current_page** – The current page from which to pull details.
 - offset** – The offset to begin with.
- **search** – The search criteria.
The search encompasses the following:
 - field_filters** – An array of filters to search by.
 - key** – The field ID.
 - value** – The value to search for.
 - operator** – The comparison operator to use.
- **sorting** – The sorting criteria.
The sorting encompasses the following:
 - key** – The key by which to sort.

direction – The direction. Either ASC or DESC.
is_numeric – If the key is numeric.

Sample Usage

```
https://mydomain.ipalvelu.fi/json-  
api/gf/v2/forms/1/entries?_field_ids=1,6.1,6.2,6.3,date_created
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/1/entries?_labels=1
```

```
https://mydomain.ipalvelu.fi/json-  
api/gf/v2/forms/1/entries?paging[page_size]=20&paging[current_page]=2&paging[offset]=30
```

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/1/entries/?search={"field_filters":  
[{"key":2,"value":"test","operator":"contains"}]}
```

```
https://mydomain.ipalvelu.fi/json-  
api/gf/v2/forms/1/entries?sorting[key]=id&sorting[direction]=ASC&sorting[is_numeric]=true
```

POST /forms/[FORM_ID]/entries

Creates an entry based on the specified form ID.

Path

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/1/entries
```

Input [json]

The data sent must be in JSON format.

Example Input

```
{
  "date_created" : "2018-10-16 12:43:23",
  "is_starred"   : 0,
  "is_read"      : 1,
  "ip"           : "::1",
  "source_url"   : "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
  "currency"     : "EUR",
  "created_by"   : 1,
  "user_agent"   : "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101
Firefox/38.0",
  "status"       : "active",
  "1"            : "POST using /forms/185/entries",
  "3.3"          : "API name",
  "3.6"          : "POST name"
}
```

Response [json]

The response body will contain the newly created entry.

```
{
  "1": "POST using /forms/185/entries",
  "date_created": "2018-10-16 12:43:23",
  "is_starred": 0,
  "is_read": 1,
  "ip": "::1",
  "source_url": "http://mydomain.ipalvelu.fi/wp.dev/?gf_page=preview&id=176",
  "currency": "EUR",
  "created_by": 1,
  "user_agent": "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:38.0) Gecko/20100101
Firefox/38.0",
}
```

```
"status": "active",  
"3.3": "API name",  
"3.6": "POST name",  
"form_id": 185,  
"id": 327  
}
```

Required Properties

There are no required properties.

Optional Properties

- **created_by** – The user ID of the entry submitter.
- **date_created** – The date the entry was created, in UTC.
- **ip** – The IP address of the entry creator.
- **is_fulfilled** – Whether the transaction has been fulfilled, if applicable.
- **is_read** – Whether the entry has been read.
- **is_starred** – Whether the entry is starred.
- **source_url** – The URL where the form was embedded.
- **status** – The status of the entry.
- **user_agent** – The user agent string for the browser used to submit the entry.

Payment Properties

Payment properties only apply when payment fields are present.

- **payment_amount** – The amount of the payment.
- **payment_date** – The date of the payment.
- **payment_method** – The payment method for the payment.
- **payment_status** – The status of the payment.
- **transaction_id** – The transaction ID for the payment.
- **transaction_type** – The type of the transaction.

GET /forms/[FORM_ID]/results

Gets form details, including entry details.

Returns the aggregate results (entry counts) for each of the fields in the given form.

Path

```
1 https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/1/results
```

Response

```
{  
  "entry_count": 11,  
  "field_data": {  
    "1": 11,  
    "3": 10  
  },  
  "status": "complete",  
  "timestamp": 1540320989,  
  "labels": {  
    "1": "Test",  
    "3": "Name"  
  }  
}
```

Required Properties

There are no required properties.

Optional Properties

- **search** – The search criteria.
The search encompasses the following:
 - field_filters** – An array of filters to search by.
 - key** – The field ID.
 - value** – The value to search for.
 - operator** – The comparison operator to use.

Sample Usage

POST /forms/[FORM_ID]/submissions

Submits the specified form ID with the specified values.

Path

```
https://mydomain.ipalvelu.fi/json-api/gf/v2/forms/1/submissions
```

Input

The input is a JSON object containing each of the name-value pairs.

```
{
  "input_1": "test",
  "input_3_3" : "Rocket",
  "input_3_6" : "Genius",
  "field_values": "",
  "source_page": 1,
  "target_page": 0
}
```

Response

```
{
  "is_valid":true,
  "page_number":0,
  "source_page_number":1,
  "confirmation_message":"Thanks for contacting us! We will get in touch with you shortly.",
  "confirmation_type":"message"
}
```

Required Properties

input_[FIELD_ID] – The input values. Replace field ID with the input for which you want to submit data.

Optional Properties

field_values – The field values.

source_page – The source page number.

target_page – The target page number.
