

# ConfiForms Server REST API version 1

This API is available from ConfiForms version 2.18

- supports Confluence PAT tokens as authentication method (<https://confluence.atlassian.com/enterprise/using-personal-access-tokens-1026032365.html>)
- accessible through the <https://developer.atlassian.com/server/framework/atlassian-sdk/using-the-rest-api-browser/>) Search for *confiforms* in the APIs search box

The screenshot shows the Atlassian REST API Browser interface. On the left, a search bar contains 'confiforms' and a list of API endpoints is displayed, including: `confiforms/1.0/create/{pageld}/{formName}`, `confiforms/1.0/definition/{pageld}/{formName}`, `confiforms/1.0/deleteByFilter/{pageld}/{formName}/{filter}`, `confiforms/1.0/deleteById/{pageld}/{formName}/{id}`, `confiforms/1.0/get/{pageld}/{formName}/{id}`, `confiforms/1.0/search/{pageld}/{formName}`, `confiforms/1.0/search/{pageld}/{formName}{query}`, `confiforms/1.0/update/{pageld}/{formName}{entryId}`, `confiforms/1.0/updateFieldValue/{pageld}/{formName}`, `confiforms/1.0/updateFieldValue/{pageld}/{formName}{filter}`, `confiforms/1.0/validate/{pageld}/{formName}`, and `confiforms/1.0/validate/{pageld}/{formName}{entryId}`. On the right, the 'Atlassian REST API Browser' header is visible, along with a green rocket icon. Below the icon, the text reads: 'Browse, discover, learn, and try out Atlassian's rich set of REST APIs.' Under the heading 'Getting Started', it says: 'Atlassian products have a rich set of REST APIs you can use in various ways. The REST API Browser will help you get acquainted with all of the APIs.' Two bullet points are listed: 'Atlassian REST Guidelines' and 'Learn more about the REST API Browser'. At the bottom, it says: 'Have a question? Ask the Atlassian Answers community.'

ConfiForms API prefix is `/rest/confiforms/1.0`

Each API call expects you to provide at least the information about the page where the form is located (pageld - as number, pointing at Confluence page by ID - <https://confluence.atlassian.com/confikb/how-to-get-confluence-page-id-648380445.html>) and the form name (the name of the form you have given in ConfiForms Form Definition macro for the form).

**i** See extra parameters that can be supplied as a request parameters (or as a POST/PUT parameters) to the call

For example:

```
/rest/confiforms/1.0/deleteById/123456/myform/deae188e-a6a2-409c-b197-b46332df331f?skipIFTTTExecute=true
```

Multiple parameters should be given by using & as a parameters separator, for example

```
/rest/confiforms/1.0/search/123456/myform/mytext:hello?sort=created ASC&limit=5
```

Alternatively (same request)

```
/rest/confiforms/1.0/search/123456/myform?query=mytext:hello&sort=created ASC&limit=5
```

When you get "XSRF check failed" as a response from the API

see this <https://confluence.atlassian.com/kb/cross-site-request-forgery-csrf-protection-changes-in-atlassian-rest-779294918.html> on how to get it properly resolved or add the X-Atlassian-Token into your request headers (<https://confluence.atlassian.com/cloudkb/xsrf-check-failed-when-calling-cloud-apis-826874382.html>)

X-Atlassian-Token: no-check



For uploading the files with ConfiForms API please see this [ConfiForms Server REST API version 0#UploadfiletoConfiFormsfield](#), as version 1 does not have this API endpoint yet

List of APIs

- [Create ConfiForms Entry](#)
- [Update ConfiForms Entry](#)
- [Validate ConfiForms Entry](#)
- [Get form definition](#)
- [Get ConfiForms Entry by ID](#)
- [Search ConfiForms Entries by filter](#)
- [Delete ConfiForms Entry by ID](#)
- [Delete ConfiForms Entries by filter](#)
- [Update ConfiForms Field value by filter](#)
- [Export RAW dataset](#)

Name	URL	Http Method	Description	Extra (query) parameters
<b>Create ConfiForms Entry</b>	/rest/confiforms/1.0/ create/{pageId}/ {formName}	POST  POST with <i>multipart/form-data</i>  (from version 2.27)	Creates ConfiForms entry in the form	You will need to POST the following JSON structure to this REST API endpoint <div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <pre>{   "fields": {     "mytextfield": "field value",     "datefield1": "2020-04-25",     "ready": true,     "mydropdown": 2   } }</pre> </div> <p>Where each property name in the "fields" JSON object matches the field name in your ConfiForms Form,</p> <p>Values are expected to be in the <b>internal format</b></p> <p>Values for Date/DateTime could be given in the same format as your Confluence uses or as timestamp</p> <ul style="list-style-type: none"> <li>• <b>skipIFTTExecute</b> - true/false, to skip IFTTT executions (if there are any that should be executed onCreated event, you can switch them off)</li> </ul> <p>---</p> <p>You can also POST a request with <i>multipart/form-data</i>. This comes handy when you want to <b>upload attachments together with record creation</b>.</p> <p>Please note that the parameter names must match the field names you have defined in your ConfiForms form</p> <div style="background-color: #2e7d32; color: white; padding: 2px 5px; display: inline-block; margin: 10px 0;">SINCE 3.5.0</div> <ul style="list-style-type: none"> <li>• <b>_debug</b> - could give you statistics on IFTTTs being executed and the invocation log</li> </ul>
<b>Update ConfiForms Entry</b>	/rest/confiforms/1.0/ update/{pageId}/ {formName}/{id}	POST  POST with <i>multipart/form-data</i>  (from version 2.27)	Updates existing ConfiForms entry in the form (via {id} parameter)	Same as for create method, but with given UUID for the entry to perform an update <ul style="list-style-type: none"> <li>• <b>skipIFTTExecute</b> - true/false, to skip IFTTT executions (if there are any that should be executed onModified event, you can switch them off)</li> <li>• <b>_skipIfParamsEmpty</b> - true/false (false by default). Setting this parameter with value "true" to your request helps to bypass setting all the fields - useful when you have field definitions with validations and you dont want to set / reset those with your REST API call (and want ConfiForms to lookup existing values)</li> </ul> <div style="background-color: #2e7d32; color: white; padding: 2px 5px; display: inline-block; margin: 10px 0;">SINCE 3.5.0</div> <ul style="list-style-type: none"> <li>• <b>_debug</b> - could give you statistics on IFTTTs being executed and the invocation log</li> </ul>
<b>Validate ConfiForms Entry</b>	/rest/confiforms/1.0/ validate/{pageId}/ {formName}  /rest/confiforms/1.0/ validate/{pageId}/ {formName}/{id}	POST  POST with <i>multipart/form-data</i>  (from version 2.27)	Validates given data against the form's rules. Basically does the same as create/update, but does not do the actual "save"	Same JSON structure shall be given as with a "create" method

<h3>Get form definition</h3>	<pre>/rest/confiforms/1.0/definition/{pageId}/{formName}</pre>	GET	Returns form configuration (definition)	<div style="background-color: #2e7d32; color: white; padding: 2px; display: inline-block; font-weight: bold;">SINCE 3.5.0</div> <ul style="list-style-type: none"> <li><b>lazy</b> - true/false, let's you request form definition with or without values for external fields (smart fields, db fields, web-services backed fields). Default is false, meaning that the options (values) are NOT loaded</li> <li><b>_debug</b> - true/false, allows you to get statistics on field initialization times to understand what are the slowest and problematic</li> </ul>
<h3>Get ConfiForms Entry by ID</h3>	<pre>/rest/confiforms/1.0/get/{pageId}/{formName}/{id}</pre>	GET	Returns ConfiForms entry data in JSON format by given ID (UUID) in a given form	<ul style="list-style-type: none"> <li><b>flatten</b> - true/false - you can flatten multi-value fields (This will result in MULTIPLE rows returned!)</li> <li><b>fields</b> - used to decorate the returned values with <a href="#">Virtual functions</a>. Use ";", to separate field decoration instructions.</li> <li><b>limitFields</b> - comma separated list of field names to return in the response (helps to reduce the amount of data travelling between your service and ConfiForms). Please be aware that "metadata" fields are always returned - see <a href="#">Documentation</a></li> <li><b>append</b> - you can set this as "true", in your query parameters which instructs the parameter "<b>fields</b>" to add the transformed (decorated) fields into the record. This allows you to have multiple representations of the field in the output</li> </ul>
<h3>Search ConfiForms Entries by filter</h3>	<pre>/rest/confiforms/1.0/search/{pageId}/{formName}  /rest/confiforms/1.0/search/{pageId}/{formName}/{filter}  /rest/confiforms/1.0/search/{pageId}/{formName}?query={filter}</pre>	GET	<p>Searches for ConfiForms entries in a form, based on the given filter/query (<a href="#">ConfiForms Filters</a>). When filter is not specified all the entries are returned</p> <p>Filtering expression can be specified as "query" parameter as well</p>	<ul style="list-style-type: none"> <li><b>flatten</b> - true/false - you can flatten multi-value fields (This will result in MULTIPLE rows returned!)</li> <li><b>fields</b> - used to decorate the returned values with <a href="#">Virtual functions</a>. Use ";", to separate field decoration instructions.</li> <li><b>limitFields</b> - comma separated list of field names to return in the response (helps to reduce the amount of data travelling between your service and ConfiForms). Please be aware that "metadata" fields are always returned - see <a href="#">Documentation</a></li> <li><b>append</b> - you can set this as "true", in your query parameters which instructs the parameter "<b>fields</b>" to add the transformed (decorated) fields into the record. This allows you to have multiple representations of the field in the output</li> <li><b>query</b> - you can either use "{filter}" part of the url to specify the filtering expression or pass it via query request parameter (see an example on the top of the page)</li> <li><b>limit</b> - to limit the number of records returned (number)</li> <li><b>sort</b> - to sort the results set <a href="#">Sorting in ConfiForms</a></li> <li><div style="background-color: #2e7d32; color: white; padding: 2px; display: inline-block; font-weight: bold;">VERSION 3.5.5</div> <b>ignoreCase</b> - You can set the filtering to ignore case when matching (default) or not to ignore case when filtering entries, setting ignoreCase=false</li> </ul>
<h3>Delete ConfiForms Entry by ID</h3>	<pre>/rest/confiforms/1.0/deleteById/{pageId}/{formName}/{id}</pre>	DELETE	Deletes ConfiForms entry by givenID (UUID)	<ul style="list-style-type: none"> <li><b>skipIFTTTExecute</b> - true/false, to skip IFTTT executions (if there are any that should be executed onDeleted event, you can switch them off)</li> </ul>
<h3>Delete ConfiForms Entries by filter</h3>	<pre>/rest/confiforms/1.0/deleteByFilter/{pageId}/{formName}/{filter}</pre>	DELETE	Deletes ConfiForms entry by given filter/query ( <a href="#">ConfiForms Filters</a> )	<ul style="list-style-type: none"> <li><b>skipIFTTTExecute</b> - true/false, to skip IFTTT executions (if there are any that should be executed onDeleted event, you can switch them off)</li> </ul>
<h3>Update ConfiForms Field value by filter</h3>	<pre>/rest/confiforms/1.0/updateFieldValue/{pageId}/{formName}  /rest/confiforms/1.0/updateFieldValue/{pageId}/{formName}/{filter}  <div style="background-color: #2e7d32; color: white; padding: 2px; display: inline-block; font-weight: bold;">VERSION 3.7.6</div>  /rest/confiforms/1.0/updateFieldValue/{pageId}/{formName}?query={filter}</pre>	PUT	Updates specific field with a given value in the form, by filter ( <a href="#">ConfiForms Filters</a> ). When filter is not specified the update is executed on all the entries	<ul style="list-style-type: none"> <li><b>skipIFTTTExecute</b> - true/false, to skip IFTTT executions (if there are any that should be executed onModified event, you can switch them off)</li> <li><b>fv</b> - abbreviation for "field-value" and is expected to have the following structure: fv=myfield:somevalue. Which will be translated to - update ConfiForms records, and the "myfield" in particular with "somevalue"</li> <li><div style="background-color: #2e7d32; color: white; padding: 2px; display: inline-block; font-weight: bold;">VERSION 3.7.6</div> <b>query</b> - you can either use "{filter}" part of the url to specify the filtering expression or pass it via query request parameter (see an example on the top of the page)</li> </ul>
<h3>Export RAW dataset</h3> <div style="background-color: #2e7d32; color: white; padding: 2px; display: inline-block; font-weight: bold;">SINCE 2.18.7</div>	<pre>/rest/confiforms/1.0/raw/{pageId}/{formName}</pre>	GET	Exports ConfiForms RAW dataset (which can be used with <a href="#">Migration and Recovery API</a> )	