



# n8n Public API

1.1.1 OAS 3.0

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Servers

/api/v1

Authorize



## User Operations about users



GET

/users Retrieve all users



Retrieve all users from your instance. Only available for the instance owner.

### Parameters

Try it out

Name	Description
limit number (query)	The maximum number of items to return. <i>Default value : 100</i> 100
cursor string (query)	Paginate by setting the cursor parameter to the nextCursor attribute returned by the previous request's response. Default value fetches the first "page" of the collection. See pagination for more detail. cursor
includeRole boolean (query)	Whether to include the user's role or not. <i>Default value : false</i> true
projectId string (query)	VmwOO9HeTEj20kxM

 limit number (query) | The maximum number of items to return. |  | *Default value : 100* |  | 100 | cursor string (query) | Paginate by setting the cursor parameter to the nextCursor attribute returned by the previous request's response. Default value fetches the first "page" of the collection. See pagination for more detail. |  | cursor | includeRole boolean (query) | Whether to include the user's role or not. |  | *Default value : false* |  | true | projectId string (query) | VmwOO9HeTEj20kxM |

### Responses

Code	Description	Links
200	<p>Operation successful.</p> <p>Media type</p> <p><b>application/json</b></p> <p>Controls Accept header.</p>	No links
401	Unauthorized	No links

POST	/users	Create multiple users	
Create one or more users.			
<b>Parameters</b>			<b>Try it out</b>
No parameters			
<b>Request body</b> <small>required</small>			<b>application/json</b>
Array of users to be created.			
<b>Example Value</b> Schema			
<pre>[   {     "email": "user@example.com",     "role": "global:admin"   } ]</pre>			

Code	Description	Links
200	<p>Operation successful.</p> <p>Media type</p> <p><b>application/json</b></p> <p>Controls Accept header.</p>	No links

Code	Description	Links
	<pre>{   "user": {     "id": "string",     "email": "string",     "inviteAcceptUrl": "string",     "emailSent": true   },   "error": "string" }</pre>	
401	Unauthorized	No links
403	Forbidden	No links

GET	/users/{id} Get user by ID/Email																						
Retrieve a user from your instance. Only available for the instance owner.																							
<b>Parameters</b> <div style="float: right;"><a href="#">Try it out</a></div>																							
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td><b>id * required</b></td><td>The ID or email of the user.</td></tr> <tr> <td>string(\$identifier) (path)</td><td>id</td></tr> <tr> <td><b>includeRole</b></td><td>Whether to include the user's role or not.</td></tr> <tr> <td>boolean (query)</td><td>Default value : false true</td></tr> </tbody> </table>			Name	Description	<b>id * required</b>	The ID or email of the user.	string(\$identifier) (path)	id	<b>includeRole</b>	Whether to include the user's role or not.	boolean (query)	Default value : false true											
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401	Unauthorized	No links																					

Delete a user from your instance.

#### Parameters

[Try it out](#)

Name	Description
<b>id * required</b> string(\$identifier) (path)	The ID or email of the user. <input type="text" value="id"/>

#### Responses

Code	Description	Links
204	Operation successful.	No links
401	Unauthorized	No links
403	Forbidden	No links
404	The specified resource was not found.	No links

**PATCH** /users/{id}/role Change a user's global role  

Change a user's global role

#### Parameters

[Try it out](#)

Name	Description
<b>id * required</b> string(\$identifier) (path)	The ID or email of the user. <input type="text" value="id"/>

#### Request body **required**

application/json
------------------

New role for the user

**Example Value** Schema

```
{  
  "newRoleName": "global:admin"  
}
```

#### Responses

Code	Description	Links
200	Operation successful.	No links
401	Unauthorized	No links
403	Forbidden	No links
404	The specified resource was not found.	No links

## Audit Operations about security audit



**POST** /audit Generate an audit

Generate a security audit for your n8n instance.

**Parameters**

No parameters

Request body application/json

**Example Value** Schema

```
{
  "additionalOptions": {
    "daysAbandonedWorkflow": 0,
    "categories": [
      "credentials"
    ]
  }
}
```

**Responses**

Code	Description	Links
200	Operation successful.	No links

Media type application/json

Controls Accept header.

**Example Value** Schema

```
{
  "Credentials Risk Report": {
    "risk": "credentials",
    "sections": [
      {
        "title": "Credentials not used in any workflow",
        "description": "These credentials are not used in any workflow. Keeping unused credentials in your instance is an unneeded security risk.",
        "recommendation": "Consider deleting these credentials if you no longer need them.",
        "location": [
          {
            "kind": "credential",
            "id": "1",
            "name": "My Test Account"
          }
        ]
      }
    ]
  }
}
```

Code		Links
<pre>        ]       ],       "Database Risk Report": {         "risk": "database",         "sections": [           {             "title": "Expressions in \"Execute Query\" fields in SQL nodes",             "description": "This SQL node has an expression in the \"Query\" field of an \"Execute Query\" operation. Building a SQL query with an expression may lead to a SQL injection attack.",             "recommendation": "Consider using the \"Query Parameters\" field to pass parameters to the quer"           }         ]       }     }   } }</pre>		
401	Unauthorized	No links
500	Internal server error.	No links

## Execution Operations about executions

[^](#)

GET	/executions	Retrieve all executions	<a href="#"></a> <a href="#"></a>
Retrieve all executions from your instance.			
<b>Parameters</b> <div style="float: right;"><a href="#">Try it out</a></div>			
Name	Description		
includeData boolean (query)	Whether or not to include the execution's detailed data.  --		
status string (query)	Status to filter the executions by. <i>Available values : error, success, waiting</i>  --		
workflowId string (query)	Workflow to filter the executions by.  1000		
projectId string (query)	VmWOO9HeTEj20kxM		
limit number (query)	The maximum number of items to return. <i>Default value : 100</i>  100		
cursor string (query)	Paginate by setting the cursor parameter to the nextCursor attribute returned by the previous request's response. Default value fetches the first "page" of the collection. See pagination for more detail.  cursor		

## Responses

Code	Description	Links
200	Operation successful.	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p>	
	<p><b>Example Value</b> Schema</p> <pre>{   "data": [     {       "id": 1000,       "data": {},       "finished": true,       "mode": "cli",       "retryOf": 0,       "retrySuccessId": 2,       "startedAt": "2025-06-14T15:40:20.744Z",       "stoppedAt": "2025-06-14T15:40:20.744Z",       "workflowId": 1000,       "waitTill": "2025-06-14T15:40:20.744Z",       "customData": {}     }   ],   "nextCursor": "MTIzZTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA" }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

GET /executions/{id} Retrieve an execution



Retrieve an execution from your instance.

**Parameters****Try it out**

Name	Description
<b>id</b> * required	The ID of the execution.
number (path)	<input type="text" value="id"/>

includeData Whether or not to include the execution's detailed data.

boolean (query)	<input type="text" value="--"/>
--------------------	---------------------------------

**Responses**

Code	Description	Links
200	Operation successful.	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p>	
	<p><b>Example Value</b> Schema</p>	

Code	Description	Links
	<pre>{   "id": 1000,   "data": {},   "finished": true,   "mode": "cli",   "retryOf": 0,   "retrySuccessId": 2,   "startedAt": "2025-06-14T15:40:20.746Z",   "stoppedAt": "2025-06-14T15:40:20.746Z",   "workflowId": 1000,   "waitTill": "2025-06-14T15:40:20.746Z",   "customData": {} }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

**DELETE /executions/{id}** Delete an execution

Deletes an execution from your instance.

**Parameters**

**Name** **Description**

<b>id</b> * required	The ID of the execution.
<b>number</b> (path)	<input type="text" value="id"/>

**Responses**

Code	Description	Links
200	Operation successful.	No links
	Media type <b>application/json</b>	
	Controls Accept header.	
	<b>Example Value</b> Schema	
	<pre>{   "id": 1000,   "data": {},   "finished": true,   "mode": "cli",   "retryOf": 0,   "retrySuccessId": 2,   "startedAt": "2025-06-14T15:40:20.747Z",   "stoppedAt": "2025-06-14T15:40:20.747Z",   "workflowId": 1000,   "waitTill": "2025-06-14T15:40:20.747Z",   "customData": {} }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

## Workflow Operations about workflows



**POST /workflows Create a workflow**

Create a workflow in your instance.

**Parameters**

No parameters

**Request body required**

**application/json**

Created workflow object.

**Example Value Schema**

```
{
  "name": "Workflow 1",
  "nodes": [
    {
      "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",
      "name": "Jira",
      "webhookId": "string",
      "disabled": true,
      "notesInFlow": true,
      "notes": "string",
      "type": "n8n-nodes-base.Jira",
      "typeVersion": 1,
      "executeOnce": false,
      "alwaysOutputData": false,
      "retryOnFail": false,
      "maxTries": 0,
      "waitBetweenTries": 0,
      "onError": "stopWorkflow",
      "position": [
        -100,
        80
      ],
      "parameters": {
        "additionalProperties": {}
      },
      "credentials": {
        "jiraSoftwareCloudApi": {
          "id": "35"
        }
      }
    }
  ]
}
```

**Responses**

Code	Description	Links
200	A workflow object	<small>No links</small>
	Media type	
	<b>application/json</b>	
	Controls Accept header.	
	<b>Example Value Schema</b>	
	{ "id": "2tUt1wbLX592XDdX", "name": "Workflow 1", "active": true, "createdAt": "2025-06-14T15:40:20.750Z", "updatedAt": "2025-06-14T15:40:20.750Z", "nodes": [ { "id": "0f5532f9-36ba-4bef-86c7-30d607400b15", "name": "Jira", "webhookId": "string", "disabled": true, "notesInFlow": true, "notes": "string", "type": "n8n-nodes-base.Jira", "typeVersion": 1, "executeOnce": false, "alwaysOutputData": false, "retryOnFail": false, "maxTries": 0, "waitBetweenTries": 0, "onError": "stopWorkflow", "position": [ -100, 80 ], "parameters": { "additionalProperties": {} }, "credentials": { "jiraSoftwareCloudApi": { "id": "35" } } } ] }	

Code	Description	Links
400	<pre>"notes": "string", "type": "n8n-nodes-base.Jira", "typeVersion": 1, "executeOnce": false, "alwaysOutputData": false, "retryOnFail": false, "maxTries": 0, "waitBetweenTries": 0, "onError": "stopWorkflow", "position": [     -100,     80 ], "parameters": {     "additionalProperties": {} }</pre> <p>The request is invalid or provides malformed data.</p>	No links
401	Unauthorized	No links

GET	/workflows	Retrieve all workflows	
-----	------------	------------------------	--

Retrieve all workflows from your instance.

Parameters	<a href="#">Try it out</a>
------------	----------------------------

Name	Description
active boolean (query)	<input type="text" value="true"/>
tags string (query)	<input type="text" value="test,production"/>
name string (query)	<input type="text" value="My Workflow"/>
projectId string (query)	<input type="text" value="VmwoO9HeTEj20kxM"/>
excludePinnedData boolean (query)	Set this to avoid retrieving pinned data <input type="text" value="true"/>
limit number (query)	The maximum number of items to return. Default value : 100 <input type="text" value="100"/>
cursor string (query)	Paginate by setting the cursor parameter to the nextCursor attribute returned by the previous request's response. Default value fetches the first "page" of the collection. See pagination for more detail. <input type="text" value="cursor"/>

## Responses

Code	Description	Links
200	Operation successful.	No links
	<p>Media type</p> <p><b>application/json</b></p> <p>Controls Accept header.</p> <p><b>Example Value</b> Schema</p> <pre>{   "data": [     {       "id": "2tUt1wbLX592XDdX",       "name": "Workflow 1",       "active": true,       "createdAt": "2025-06-14T15:40:20.754Z",       "updatedAt": "2025-06-14T15:40:20.754Z",       "nodes": [         {           "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",           "name": "Jira",           "webhookId": "string",           "disabled": true,           "notesInFlow": true,           "notes": "string",           "type": "n8n-nodes-base.Jira",           "typeVersion": 1,           "executeOnce": false,           "alwaysOutputData": false,           "retryOnFail": false,           "maxTries": 0,           "waitBetweenTries": 0,           "onError": "stopWorkflow",           "position": [             -100,             80           ],         }       ]     }   ] }</pre>	

401	Unauthorized	No links
-----	--------------	----------

GET	/workflows/{id}	Retrieves a workflow							
Retrieves a workflow.									
<b>Parameters</b>			<b>Try it out</b>						
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td>excludePinnedData boolean (query)</td><td>Set this to avoid retrieving pinned data <input type="text" value="true"/></td></tr> <tr> <td><b>id</b> * required string (path)</td><td>The ID of the workflow. <input type="text" value="id"/></td></tr> </tbody> </table>				Name	Description	excludePinnedData boolean (query)	Set this to avoid retrieving pinned data <input type="text" value="true"/>	<b>id</b> * required string (path)	The ID of the workflow. <input type="text" value="id"/>
Name	Description								
excludePinnedData boolean (query)	Set this to avoid retrieving pinned data <input type="text" value="true"/>								
<b>id</b> * required string (path)	The ID of the workflow. <input type="text" value="id"/>								
<b>Responses</b>									

Code	Description	Links
200	Operation successful.	No links

Code	Description	Links
	<p><b>application/json</b></p> <p>Controls Accept header.</p> <p><b>Example Value</b> Schema</p> <pre>{   "id": "2tUt1wbLX592XDdX",   "name": "Workflow 1",   "active": true,   "createdAt": "2025-06-14T15:40:20.757Z",   "updatedAt": "2025-06-14T15:40:20.757Z",   "nodes": [     {       "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",       "name": "Jira",       "webhookId": "string",       "disabled": true,       "notesInFlow": true,       "notes": "string",       "type": "n8n-nodes-base.Jira",       "typeVersion": 1,       "executeOnce": false,       "alwaysOutputData": false,       "retryOnFail": false,       "maxTries": 0,       "waitBetweenTries": 0,       "onError": "stopWorkflow",       "position": [         -100,         80       ],       "parameters": {         "additionalProperties": {}       }     }   ] }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

**DELETE /workflows/{id}** Delete a workflow

Deletes a workflow.

**Parameters**

**Try it out**

Name	Description
<b>id</b> * required	The ID of the workflow.
string (path)	<input type="text" value="id"/>

**Responses**

Code	Description	Links
200	Operation successful.	No links

Media type

**application/json**

Controls Accept header.

**Example Value** Schema

```
{
  "id": "2tUt1wbLX592XDdX",
  "name": "Workflow 1",
  "active": true,
  "createdAt": "2025-06-14T15:40:20.757Z",
  "updatedAt": "2025-06-14T15:40:20.757Z",
  "nodes": [
    {
      "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",
      "name": "Jira",
      "webhookId": "string",
      "disabled": true,
      "notesInFlow": true,
      "notes": "string",
      "type": "n8n-nodes-base.Jira",
      "typeVersion": 1,
      "executeOnce": false,
      "alwaysOutputData": false,
      "retryOnFail": false,
      "maxTries": 0,
      "waitBetweenTries": 0,
      "onError": "stopWorkflow",
      "position": [
        -100,
        80
      ],
      "parameters": {
        "additionalProperties": {}
      }
    }
  ]
}
```

Code	Description	Links
	<pre>     "name": "Workflow 1",     "active": true,     "createdAt": "2025-06-14T15:40:20.759Z",     "updatedAt": "2025-06-14T15:40:20.759Z",     "nodes": [       {         "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",         "name": "Jira",         "webhookId": "string",         "disabled": true,         "notesInFlow": true,         "notes": "string",         "type": "n8n-nodes-base.Jira",         "typeVersion": 1,         "executeOnce": false,         "alwaysOutputData": false,         "retryOnFail": false,         "maxTries": 0,         "waitBetweenTries": 0,         "onError": "stopWorkflow",         "position": [           -100,           80         ],         "parameters": {           "additionalProperties": {}         }       }     ]   </pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

PUT /workflows/{id} Update a workflow

Update a workflow.

Parameters

Try it out

Name	Description
<b>id</b> * required	The ID of the workflow.
string (path)	id

Request body required

application/json

Updated workflow object.

Example Value Schema

```
{
  "name": "Workflow 1",
  "nodes": [
    {
      "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",
      "name": "Jira",
      "webhookId": "string",
      "disabled": true,
      "notesInFlow": true,
      "notes": "string",
      "type": "n8n-nodes-base.Jira",
      "typeVersion": 1,
      "executeOnce": false,
      "alwaysOutputData": false,
      "retryOnFail": false,
      "maxTries": 0,
      "waitBetweenTries": 0,
      "onError": "stopWorkflow",
      "position": [
        -100,
        80
      ],
      "parameters": {
        "additionalProperties": {}
      }
    }
  ]
}
```

```

        "additionalProperties": {},
    },
    "credentials": {
        "jiraSoftwareCloudApi": {
            "id": "25"
        }
    }
}
```

## Responses

Code	Description	Links
200	Workflow object	No link
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p><b>Example Value</b> Schema</p> <pre>{     "id": "2tUt1wbLX592XDdX",     "name": "Workflow 1",     "active": true,     "createdAt": "2025-06-14T15:40:20.762Z",     "updatedAt": "2025-06-14T15:40:20.762Z",     "nodes": [         {             "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",             "name": "Jira",             "webhookId": "string",             "disabled": true,             "notesInflow": true,             "notes": "string",             "type": "n8n-nodes-base.Jira",             "typeVersion": 1,             "executeOnce": false,             "alwaysOutputData": false,             "retryOnFail": false,             "maxTries": 0,             "waitBetweenTries": 0,             "onError": "stopWorkflow",             "position": [                 -100,                 80             ],             "parameters": {                 "additionalProperties": {}             }         }     ] }</pre>	
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links
404	The specified resource was not found.	No links

POST /workflows/{id}/activate Activate a workflow



Active a workflow.

[Try it out](#)

## Parameters

Name	Description
<b>id</b> * required	The ID of the workflow. string (path)

## Responses

Code	Description	Links
200	Workflow object	No links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p><b>Example Value</b> Schema</p> <pre>{   "id": "2tUt1wbLX592XDdX",   "name": "Workflow 1",   "active": true,   "createdAt": "2025-06-14T15:40:20.764Z",   "updatedAt": "2025-06-14T15:40:20.764Z",   "nodes": [     {       "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",       "name": "Jira",       "webhookId": "string",       "disabled": true,       "notesInFlow": true,       "notes": "string",       "type": "n8n-nodes-base.Jira",       "typeVersion": 1,       "executeOnce": false,       "alwaysOutputData": false,       "retryOnFail": false,       "maxTries": 0,       "waitBetweenTries": 0,       "onError": "stopWorkflow",       "position": [         -100,         80       ],       "parameters": {         "additionalProperties": {}       }     }   ] }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

**POST** /workflows/{id}/deactivate Deactivate a workflow



Deactivate a workflow.

## Parameters

[Try it out](#)

Name	Description
<b>id</b> * required	The ID of the workflow.

## Responses

Code	Description	Links
200	Workflow object	No links

Code	Description	Links
<code>application/json</code>	Controls Accept header.	
<b>Example Value</b>	Schema	
	<pre>{   "id": "2tUt1wbLX592XDdX",   "name": "Workflow 1",   "active": true,   "createdAt": "2025-06-14T15:40:20.766Z",   "updatedAt": "2025-06-14T15:40:20.766Z",   "nodes": [     {       "id": "0f5532f9-36ba-4bef-86c7-30d607400b15",       "name": "Jira",       "webhookId": "string",       "disabled": true,       "notesInFlow": true,       "notes": "string",       "type": "n8n-nodes-base.Jira",       "typeVersion": 1,       "executeOnce": false,       "alwaysOutputData": false,       "retryOnFail": false,       "maxTries": 0,       "waitBetweenTries": 0,       "onError": "stopWorkflow",       "position": [         -100,         80       ],       "parameters": {         "additionalProperties": {}       }     }   ] }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

PUT	/workflows/{id}/transfer	Transfer a workflow to another project.	
Transfer a workflow to another project.			
<b>Parameters</b>			<b>Try it out</b>
<b>Parameters</b>			
<b>Name</b>			
<b>Description</b>			
<b>id</b> * required			The ID of the workflow.
string (path)			<input type="text" value="id"/>
<b>Request body</b> required			<code>application/json</code>
Destination project information for the workflow transfer.			
<b>Example Value</b>			Schema
<pre>{   "destinationProjectId": "string" }</pre>			
<b>Responses</b>			

Code	Description	Links
200	Operation successful.	No links
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links
404	The specified resource was not found.	No links

PUT	/credentials/{id}/transfer Transfer a credential to another project.	
-----	--	--

Transfer a credential to another project.

Parameters	<a href="#">Try it out</a>
------------	----------------------------

Name	Description
<b>id</b> * required	The ID of the credential. string (path)

Request body	required	application/json
--------------	----------	------------------

Destination project for the credential transfer.

Example Value	Schema
{ "destinationProjectId": "string" }	

Responses
-----------

Code	Description	Links
200	Operation successful.	No links
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links
404	The specified resource was not found.	No links

GET	/workflows/{id}/tags Get workflow tags	
-----	--	--

Get workflow tags.

Parameters	<a href="#">Try it out</a>
------------	----------------------------

Name	Description
<b>id</b> * required string (path)	The ID of the workflow.  id

**Responses**

Code	Description	Links
200	List of tags  Media type <b>application/json</b>  Controls Accept header.	No links
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links
404	The specified resource was not found.	No links

PUT /workflows/{id}/tags Update tags of a workflow



Update tags of a workflow.

**Try it out**

Name	Description
<b>id</b> * required string (path)	The ID of the workflow.  id

**Request body** required**application/json**

List of tags

**Example Value** Schema

```
[  
  {  
    "id": "2tUt1wbLX592XDdX"  
  }  
]
```

## Responses

Code	Description	Links
200	List of tags after add the tag  Media type <b>application/json</b>  Controls Accept header.	No links
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links
404	The specified resource was not found.	No links

## Credential Operations about credentials

^

POST /credentials Create a credential  

Creates a credential that can be used by nodes of the specified type.

### Parameters



No parameters

### Request body required



Credential to be created.

### Example Value Schema

```
{
  "name": "Joe's Github Credentials",
  "type": "github",
  "data": {
    "token": "ada612vad6fa5df4adf5a5dsf4389adsf76da7s"
  }
}
```

## Responses

Code	Description	Links
200	Operation successful.	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p>	
	<p><b>Example Value</b> Schema</p> <pre>{   "id": "vHxaz5UacGhVYl9C",   "name": "John's Github account",   "type": "github",   "createdAt": "2022-04-29T11:02:29.842Z",   "updatedAt": "2022-04-29T11:02:29.842Z" }</pre>	
401	Unauthorized	No links
415	Unsupported media type.	No links

**DELETE** /credentials/{id} Delete credential by ID



Deletes a credential from your instance. You must be the owner of the credentials

#### Parameters

[Try it out](#)

Name	Description
<b>id</b> * required string (path)	The credential ID that needs to be deleted <input type="text" value="id"/>

#### Responses

Code	Description	Links
200	Operation successful.	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p>	
	<p><b>Example Value</b> Schema</p> <pre>{   "id": "R2DjclaysHbqn778",   "name": "Joe's Github Credentials",   "type": "github",   "createdAt": "2022-04-29T11:02:29.842Z",   "updatedAt": "2022-04-29T11:02:29.842Z" }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

GET /credentials/schema/{credentialTypeName} Show credential data schema

**Parameters**

**Try it out**

Name	Description
<b>credentialTypeName</b> * required string (path)	The credential type name that you want to get the schema for credentialTypeName

**Responses**

Code	Description	Links
200	Operation successful.	No links
	Media type <b>application/json</b> Examples <b>freshdeskApi</b> Controls Accept header. <b>Example Value</b> Schema <pre>{   "additionalProperties": false,   "type": "object",   "properties": {     "apiKey": {       "type": "string"     },     "domain": {       "type": "string"     }   },   "required": [     "apiKey",     "domain"   ] }</pre>	
401	Unauthorized	No links
404	The specified resource was not found.	No links

## Tags Operations about tags

POST /tags Create a tag

Create a tag in your instance.

**Parameters**

**Try it out**

No parameters

**Request body** required

**application/json**

Created tag object.

**Example Value** Schema

```
{
  "name": "Production"
}
```

## Responses

Code	Description	Links
201	A tag object	No links
	Media type <b>application/json</b>	
	Controls Accept header.	
	Example Value Schema	
	<pre>{   "id": "2tUt1wbLX592XDdX",   "name": "Production",   "createdAt": "2025-06-14T15:40:20.778Z",   "updatedAt": "2025-06-14T15:40:20.778Z" }</pre>	
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links
409	Conflict	No links

GET /tags Retrieve all tags


[Try it out](#)

## Parameters

Name	Description
limit number (query)	The maximum number of items to return. Default value : 100 100
cursor string (query)	Paginate by setting the cursor parameter to the nextCursor attribute returned by the previous request's response. Default value fetches the first "page" of the collection. See pagination for more detail. cursor

## Responses

Code	Description	Links
200	Operation successful.	No links
	Media type <b>application/json</b>	

Code	Description	Links																		
	<p>Controls Accept header.</p> <p><b>Example Value</b> Schema</p> <pre>{   "data": [     {       "id": "2tUt1wbLX592XDdx",       "name": "Production",       "createdAt": "2025-06-14T15:40:20.779Z",       "updatedAt": "2025-06-14T15:40:20.779Z"     }   ],   "nextCursor": "MTIzZTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA" }</pre>																			
401	Unauthorized	No links																		
<p>GET    <a href="#">/tags/{id}</a>   Retrieves a tag</p> <span style="float: right;">🔒 ⌂</span>																				
<p>Retrieves a tag.</p>																				
<b>Parameters</b>		<a href="#">Try it out</a>																		
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td><b>id</b> * required</td><td>The ID of the tag.</td></tr> <tr> <td>string (path)</td><td><input type="text" value="id"/></td></tr> </tbody> </table>			Name	Description	<b>id</b> * required	The ID of the tag.	string (path)	<input type="text" value="id"/>												
Name	Description																			
<b>id</b> * required	The ID of the tag.																			
string (path)	<input type="text" value="id"/>																			
<b>Responses</b>																				
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Code	Description	Links																		
200	Operation successful.	No links																		
	<p>Media type</p> <p><b>application/json</b></p> <p>Controls Accept header.</p>																			
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401	Unauthorized	No links																		
404	The specified resource was not found.	No links																		
<p>DELETE    <a href="#">/tags/{id}</a>   Delete a tag</p> <span style="float: right;">🔒 ⌂</span>																				
<p>Deletes a tag.</p>																				

[Try it out](#)**Parameters**

Name	Description
------	-------------

**id \* required** The ID of the tag.string  
(path)

id

**Responses**

Code	Description	Links
------	-------------	-------

200	Operation successful.  Media type <b>application/json</b> <small>Controls Accept header.</small>	No links
401	Unauthorized	No links
403	Forbidden	No links
404	The specified resource was not found.	No links

**PUT** /tags/{id} Update a tag

Update a tag.

**Parameters**[Try it out](#)

Name	Description
------	-------------

**id \* required** The ID of the tag.string  
(path)

id

**Request body** required**application/json**

Updated tag object.

**Example Value** Schema

```
{
  "name": "Production"
}
```

## Responses

Code	Description	Links
200	Tag object	No links
	Media type	
	<b>application/json</b>	
	Controls Accept header.	
	<b>Example Value</b> Schema	
	<pre>{   "id": "2tUt1wblX592XDdX",   "name": "Production",   "createdAt": "2025-06-14T15:40:20.782Z",   "updatedAt": "2025-06-14T15:40:20.782Z" }</pre>	
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links
404	The specified resource was not found.	No links
409	Conflict	No links

## SourceControl Operations about source control

^

POST /source-control/pull Pull changes from the remote repository


[Try it out](#)

Requires the Source Control feature to be licensed and connected to a repository.

### Parameters

No parameters

### Request body required

**application/json**

### Pull options

#### Example Value Schema

```
{
  "force": true,
  "variables": {
    "foo": "bar"
  }
}
```

## Responses

Code	Description	Links
200	Import result	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p>	
	<p><b>Example Value</b> Schema</p> <pre>{   "variables": {     "added": [       "string"     ],     "changed": [       "string"     ]   },   "credentials": [     {       "id": "string",       "name": "string",       "type": "string"     }   ],   "workflows": [     {       "id": "string",       "name": "string"     }   ],   "tags": [     {       "id": "string",       "name": "string"     }   ] }</pre>	
400	The request is invalid or provides malformed data.	No links
409	Conflict	No links

## Variables Operations about variables

^

POST /variables Create a variable

Create a variable in your instance.

**Parameters** Try it out

No parameters

**Request body** required application/json

Payload for variable to create.

**Example Value** Schema

```
{
  "key": "string",
  "value": "test"
}
```

**Responses**

Code	Description	Links
201	Operation successful.	No links
400	The request is invalid or provides malformed data.	No links
401	Unauthorized	No links

**GET** /variables Retrieve variables

Retrieve variables from your instance.

**Parameters****Try it out**

Name	Description
limit number (query)	The maximum number of items to return. <i>Default value : 100</i> 100
cursor string (query)	Paginate by setting the cursor parameter to the nextCursor attribute returned by the previous request's response. Default value fetches the first "page" of the collection. See pagination for more detail. cursor

**Responses**

Code	Description	Links
200	Operation successful.	No links
	Media type application/json Controls Accept header.	
	<b>Example Value</b> Schema	
	<pre>{   "data": [     {       "id": "string",       "key": "string",       "value": "test",       "type": "string"     }   ],   "nextCursor": "MTIzZTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA" }</pre>	
401	Unauthorized	No links

**DELETE** /variables/{id} Delete a variable

Delete a variable from your instance.

#### Parameters

[Try it out](#)

Name	Description
------	-------------

<b>id</b> * required	The ID of the variable.
----------------------	-------------------------

string (path)
------------------

#### Responses

Code	Description	Links
------	-------------	-------

204	Operation successful.	No links
-----	-----------------------	----------

401	Unauthorized	No links
-----	--------------	----------

404	The specified resource was not found.	No links
-----	---------------------------------------	----------

PUT /variables/{id} Update a variable  

Update a variable from your instance.

#### Parameters

[Try it out](#)

No parameters

#### Request body required

Payload for variable to update.

Example Value Schema

```
{  
  "key": "string",  
  "value": "test"  
}
```

#### Responses

Code	Description	Links
------	-------------	-------

204	Operation successful.	No links
-----	-----------------------	----------

400	The request is invalid or provides malformed data.	No links
-----	--	----------

401	Unauthorized	No links
-----	--------------	----------

Code	Description	Links
403	Forbidden	No links
404	The specified resource was not found.	No links

## Projects Operations about projects



POST	/projects Create a project													
Create a project in your instance.														
<b>Parameters</b> <div style="float: right;"><a href="#">Try it out</a></div>														
No parameters														
<b>Request body</b> <small>required</small>		<b>application/json</b>												
Payload for project to create.														
<b>Example Value</b> <small>Schema</small> <pre>{   "name": "string" }</pre>														
<b>Responses</b>														
<table border="1"> <thead> <tr> <th>Code</th><th>Description</th><th>Links</th></tr> </thead> <tbody> <tr> <td>201</td><td>Operation successful.</td><td>No links</td></tr> <tr> <td>400</td><td>The request is invalid or provides malformed data.</td><td>No links</td></tr> <tr> <td>401</td><td>Unauthorized</td><td>No links</td></tr> </tbody> </table>			Code	Description	Links	201	Operation successful.	No links	400	The request is invalid or provides malformed data.	No links	401	Unauthorized	No links
Code	Description	Links												
201	Operation successful.	No links												
400	The request is invalid or provides malformed data.	No links												
401	Unauthorized	No links												

GET	/projects Retrieve projects							
Retrieve projects from your instance.								
<b>Parameters</b> <div style="float: right;"><a href="#">Try it out</a></div>								
<table border="1"> <thead> <tr> <th>Name</th><th>Description</th></tr> </thead> <tbody> <tr> <td>limit number (query)</td><td>The maximum number of items to return. <i>Default value : 100</i></td></tr> <tr> <td></td><td><input type="text" value="100"/></td></tr> </tbody> </table>			Name	Description	limit number (query)	The maximum number of items to return. <i>Default value : 100</i>		<input type="text" value="100"/>
Name	Description							
limit number (query)	The maximum number of items to return. <i>Default value : 100</i>							
	<input type="text" value="100"/>							

Name	Description
cursor string (query)	Paginate by setting the cursor parameter to the nextCursor attribute returned by the previous request's response. Default value fetches the first "page" of the collection. See pagination for more detail.  cursor

## Responses

Code	Description	Links
200	Operation successful.  Media type <b>application/json</b>  Controls Accept header.  Example Value Schema  <pre>{   "data": [     {       "id": "string",       "name": "string",       "type": "string"     }   ],   "nextCursor": "MTIzZTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA" }</pre>	No links
401	Unauthorized	No links

**DELETE** /projects/{projectId} Delete a project 🔒 ⌂

Delete a project from your instance.

Try it out

Name	Description
projectId * required string (path)	The ID of the project.  projectId

## Responses

Code	Description	Links
204	Operation successful.	No links
401	Unauthorized	No links
403	Forbidden	No links

Code	Description	Links
404	The specified resource was not found.	No links

## Project

^

PUT	/projects/{projectId}	Update a project	 
Update a project.			
<b>Parameters</b>			
No parameters			<b>Try it out</b>
<b>Request body</b> <small>required</small>			
application/json			
Updated project object.			
<b>Example Value</b> Schema			
{ "name": "string" }			
<b>Responses</b>			
<b>Code</b> <b>Description</b> <b>Links</b>			
204	Operation successful.	No links	
400	The request is invalid or provides malformed data.	No links	
401	Unauthorized	No links	
403	Forbidden	No links	
404	The specified resource was not found.	No links	

## Schemas

^

```

audit  {
  Credentials Risk
  Report  {
    }
    example: OrderedMap { "risk": "credentials", "sections": List [ OrderedMap { "title": "Credentials not used in any workflow", "description": "These credentials are not used in any workflow. Keeping unused credentials in your instance is an unneeded security risk.", "recommendation": "Consider deleting these credentials if you no longer need them.", "Location": List [ OrderedMap { "kind": "credential", "id": "1", "name": "My Test Account" } ] ] }
  Database Risk Report  {
    }
    example: OrderedMap { "risk": "database", "sections": List [ OrderedMap { "title": "Expressions in \\"Execute Query\\" fields in SQL nodes", "description": "This SQL node has an expression in the \\"Query\\" field of an \\"Execute Query\\" operation. Building a SQL query with an expression may lead to a SQL injection attack.", "recommendation": "Consider using the \\"Query Parameters\\" field to pass parameters to the query", "or validating the input of the expression in the \\"Query\\" field.": null, "Location": List [ OrderedMap { "kind": "node", "workflowId": "1", "workflowName": "My Workflow", "nodeId": "51eb5852-ce0b-4806-b4ff-e41322a4041a", "nodeName": "MySQL", "nodeType": "n8n-nodes-base.mysql" } ] ] }
  Filesystem Risk Report  {
    }
    example: OrderedMap { "risk": "filesystem", "sections": List [ OrderedMap { "title": "Nodes that interact with the filesystem", "description": "This node reads from and writes to any accessible file in the host filesystem. Sensitive file content may be manipulated through a node operation.", "recommendation": "Consider protecting any sensitive files in the host filesystem", "or refactoring the workflow so that it does not require host filesystem interaction.": null, "location": List [ OrderedMap { "kind": "node", "workflowId": "1", "workflowName": "My Workflow", "nodeId": "51eb5852-ce0b-4806-b4ff-e41322a4041a", "nodeName": "Ready Binary file", "nodeType": "n8n-nodes-base.readBinaryFile" } ] ] }
  Nodes Risk Report  {
    }
    example: OrderedMap { "risk": "nodes", "sections": List [ OrderedMap { "title": "Community nodes", "description": "This node is sourced from the community. Community nodes are not vetted by the n8n team and have full access to the host system.", "recommendation": "Consider reviewing the source code in any community nodes installed in this n8n instance", "and uninstalling any community nodes no longer used.": null, "location": List [ OrderedMap { "kind": "community", "nodeType": "n8n-nodes-test.test", "packageUrl": "https://www.npmjs.com/package/n8n-nodes-test" } ] ] }
  Instance Risk Report  {
    }
    example: OrderedMap { "risk": "execution", "sections": List [ OrderedMap { "title": "Unprotected webhooks in instance", "description": "These webhook nodes have the \\"Authentication\\" field set to \\"None\\" and are not directly connected to a node to validate the payload. Every unprotected webhook allows your workflow to be called by any third party who knows the webhook URL.", "recommendation": "Consider setting the \\"Authentication\\" field to an option other than \\"None\\", "or validating the payload with one of the following nodes.": null, "location": List [ OrderedMap { "kind": "community", "nodeType": "n8n-nodes-test.test", "packageUrl": "https://www.npmjs.com/package/n8n-nodes-test" } ] ] }
}

```

```

credential  {
  id
    string
    readOnly: true
    example: R2DjcLaysHbqn778
  name*
    string
    example: Joe's Github Credentials
  type*
    string
    example: github
  data*
    {
    }
    example: OrderedMap { "token": "ada612vad6fa5df4adf5a5dsf4389adsf76da7s" }
  createdAt
    string($date-time)
    readOnly: true
    example: 2022-04-29T11:02:29.842Z
  updatedAt
    string($date-time)
    readOnly: true
    example: 2022-04-29T11:02:29.842Z
}

```

```

create-credential-response  {
  id*           string
  name*         string
  type*         string
  createdAt*    string($date-time)
  updatedAt*    string($date-time)
}

execution      {
  id             number
  data           {
  }
  finished       boolean
  mode           string
  Enum:
    [ cli, error, integrated, internal, manual, retry, trigger, webhook ]
  retryOf        number
  nullable: true
  retrySuccessId number
  nullable: true
  example: 2
  startedAt     string($date-time)
  stoppedAt     string($date-time)
  workflowId    number
  example: 1000
  waitTill      string($date-time)
  nullable: true
  customData    {
  }
}

executionList   {
  data          [
    execution  {
      id           number
      example: 1000
      data         {
      }
      finished     boolean
      mode         string
      Enum:
        [ cli, error, integrated, internal, manual, retry, trigger, webhook ]
      retryOf      number
      nullable: true
      retrySuccessId number
      nullable: true
      example: 2
      startedAt   string($date-time)
      stoppedAt   string($date-time)
      workflowId  number
      example: 1000
      waitTill    string($date-time)
      nullable: true
      customData  {
      }
    }
  ]
  nextCursor    string
  nullable: true
  example: MTIzzTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA
  Paginate through executions by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.
}

```

```

tag {
  id
    string
    readOnly: true
    example: 2tUt1wbLX592XDdX
  name*
    string
    example: Production
  createdAt
    string($date-time)
    readOnly: true
  updatedAt
    string($date-time)
    readOnly: true
}

tagList {
  data
    [tag {
      id
        string
        readOnly: true
        example: 2tUt1wbLX592XDdX
      name*
        string
        example: Production
      createdAt
        string($date-time)
        readOnly: true
      updatedAt
        string($date-time)
        readOnly: true
    }]
  nextCursor
    string
    nullable: true
    example: MTIzzTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA
    Paginate through tags by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.
}

node {
  id
    string
    example: 0f5532f9-36ba-4bef-86c7-30d607400b15
  name
    string
    example: Jira
  webhookId
    string
  disabled
    boolean
  notesInFlow
    boolean
  notes
    string
  type
    string
    example: n8n-nodes-base.Jira
  typeVersion
    number
    example: 1
  executeOnce
    boolean
    example: false
  alwaysOutputData
    boolean
    example: false
  retryOnFail
    boolean
    example: false
  maxTries
    number
  waitBetweenTries
    number
  continueOnFail
    boolean
    example: false
    deprecated: true
    use onError instead
  onError
    string
    example: stopWorkflow
  position
    [
      [
        example: List [ -100, 80 ]
        number]
    parameters
      {
      }
    example: OrderedMap { "additionalProperties": OrderedMap {} }
  credentials
    {
    }
  example: OrderedMap { "jiraSoftwareCloudApi": OrderedMap { "id": "35", "name": "jiraApi" } }
  createdAt
    string($date-time)
    readOnly: true
  updatedAt
    string($date-time)
    readOnly: true
}

```

```
workflowSettings {
    saveExecutionProgress boolean
    saveManualExecutions boolean
    saveDataErrorExecution string
        Enum:
            [ all, none ]
    saveDataSuccessExecution string
        Enum:
            [ all, none ]
    executionTimeout number
        example: 3600
        maxLength: 3600
    errorWorkflow string
        example: VzqKEw0ShTXA5vPj
        The ID of the workflow that contains the error trigger node.
    timezone string
        example: America/New_York
    executionOrder string
        example: v1
}
```

```

workflow {
  id
    string
    readOnly: true
    example: 2tUt1wbLX592XDdX
  name*
    string
    example: Workflow 1
  active
    boolean
    readOnly: true
  createdAt
    string($date-time)
    readOnly: true
  updatedAt
    string($date-time)
    readOnly: true
  nodes*
    [node {
      id
        string
        example: 0f5532f9-36ba-4bef-86c7-30d607400b15
      name
        string
        example: Jira
      webhookId
        string
      disabled
        boolean
      notesInFlow
        boolean
      notes
        string
      type
        string
        example: n8n-nodes-base.Jira
      typeVersion
        number
        example: 1
      executeOnce
        boolean
        example: false
      alwaysOutputData
        boolean
        example: false
      retryOnFail
        boolean
        example: false
      maxTries
        number
      waitBetweenTries
        number
      continueOnFail
        boolean
        example: false
        deprecated: true
        use onError instead
      onError
        string
        example: stopWorkflow
      position
        [
          example: List [ -100, 80 ]
        number]
      parameters
        {
        }
      credentials
        {
        }
      example: OrderedMap { "additionalProperties": OrderedMap {} }
      createdAt
        string($date-time)
      updatedAt
        string($date-time)
        readOnly: true
    }]
  connections*
    {
    }
  example: OrderedMap { "main": List [ OrderedMap { "node": "Jira", "type": "main", "index": 0 } ] }
  settings*
    workflowSettings {
      saveExecutionProgress boolean
      saveManualExecutions boolean
      saveDataErrorExecution string
        Enum:
          [ all, none ]
      saveDataSuccessExecution string
        Enum:
          [ all, none ]
      executionTimeout number
        example: 3600
        maxLength: 3600
      errorWorkflow string
        example: VzqKEW0ShTXA5vPj
        The ID of the workflow that contains the error trigger node.
      timezone string
        example: America/New_York
      executionOrder string
        example: v1
    }
  staticData
    {
      anyOf ->
        string($jsonString)
        nullable: true
        {
        }
    }
}

```

```
        , nullable: true
    }
example: OrderedMap { "LastId": 1 }

tags
  [
    readOnly: true
    tag {
      id
        string
        readOnly: true
        example: 2tUt1wbLX592XDdX
      name*
        string
        example: Production
      createdAt
        string($date-time)
        readOnly: true
      updatedAt
        string($date-time)
        readOnly: true
    }
  ]
}
```

```

workflowList  {
  data
    [workflow  {
      id
        string
        readOnly: true
        example: 2tUt1wbLX592XDDx
      name*
        string
        example: Workflow 1
      active
        boolean
        readOnly: true
      createdAt
        string($date-time)
        readOnly: true
      updatedAt
        string($date-time)
        readOnly: true
      nodes*
        [node  {
          id
            string
            example: 0f5532f9-36ba-4bef-86c7-30d607400b15
          name
            string
            example: Jira
          webhookId
            string
            example: Jira
          disabled
            boolean
            example: false
          notesInFlow
            boolean
            example: false
          notes
            string
            example: Jira
          type
            string
            example: n8n-nodes-base.Jira
          typeVersion
            number
            example: 1
          executeOnce
            boolean
            example: false
          alwaysOutputData
            boolean
            example: false
          retryOnFail
            boolean
            example: false
          maxTries
            number
            example: 3
          waitBetweenTries
            number
            example: 1000
          continueOnFail
            boolean
            example: false
            deprecated: true
            use onError instead
          onError
            string
            example: stopWorkflow
          position
            [
              example: List [ -100, 80 ]
              number]
          parameters
            {
            }
            example: OrderedMap { "additionalProperties": OrderedMap {} }
          credentials
            {
            }
            example: OrderedMap { "jiraSoftwareCloudApi": OrderedMap { "id": "35", "name": "jiraApi" } }
          createdAt
            string($date-time)
            readOnly: true
          updatedAt
            string($date-time)
            readOnly: true
        }]
      connections*
        [
        ]
        example: OrderedMap { "main": List [ OrderedMap { "node": "Jira", "type": "main", "index": 0 } ] }
      settings*
        workflowSettings  {
          saveExecutionProgress boolean
          saveManualExecutions boolean
          saveDataErrorExecution string
          Enum:
            [ all, none ]
          saveDataSuccessExecution string
          Enum:
            [ all, none ]
          executionTimeout number
          example: 3600
          maxLength: 3600
          errorWorkflow
            string
            example: VzqKEW0ShTXA5vPj
            The ID of the workflow that contains the error trigger node.
          timezone
            string
            example: America/New_York
          executionOrder
            string
            example: v1
        }
      staticData
    }
}

```

```

anyOf ->          string($jsonString)
                  nullable: true
                  {
}
nullable: true
example: OrderedMap { "LastId": 1 }

tags
[

]
readOnly: true
tag  {...}

}
string
nullable: true
example: MTIzTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA
Paginate through workflows by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.

}

workflowTags  [workflowTags  {
id          string
readOnly: true
example: 2tUt1wbLX592XDDx
name*        string
example: Production
createdAt    string($date-time)
readOnly: true
updatedAt    string($date-time)
readOnly: true
}]

tagIds  [tagIds  {
id*          string
example: 2tUt1wbLX592XDDx
}]

user  {
id          string
readOnly: true
example: 123e4567-e89b-12d3-a456-426614174000
email*       string($email)
example: john.doe@company.com
firstName    string
maxLength: 32
readOnly: true
example: john
User's first name
lastName     string
maxLength: 32
readOnly: true
example: Doe
User's last name
isPending    boolean
readOnly: true
Whether the user finished setting up their account in response to the invitation (true) or not (false).
createdAt    string($date-time)
readOnly: true
Time the user was created.
updatedAt    string($date-time)
readOnly: true
Last time the user was updated.
role         string
example: owner
readOnly: true
}

```

```

userList  {
  data
    [user  {
      id
        string
        readOnly: true
        example: 123e4567-e89b-12d3-a456-426614174000
      email*
        string($email)
        example: john.doe@company.com
      firstName
        string
        maxLength: 32
        readOnly: true
        example: john
        User's first name
      lastName
        string
        maxLength: 32
        readOnly: true
        example: Doe
        User's last name
      isPending
        boolean
        readOnly: true
        Whether the user finished setting up their account in response to the invitation (true) or not (false).
      createdAt
        string($date-time)
        readOnly: true
        Time the user was created.
      updatedAt
        string($date-time)
        readOnly: true
        Last time the user was updated.
      role
        string
        example: owner
        readOnly: true
    }]
  nextCursor
    string
    nullable: true
    example: MTIzzTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA
    Paginate through users by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.
}

pull  {
  force
    boolean
    example: true
  variables
    {
    }
  example: OrderedMap { "foo": "bar" }
}

```

```

importResult    {
  variables
    {
      added          [string]
      changed        [string]
    }
  credentials
    [
      {
        id            string
        name          string
        type          string
      }
    ]
  workflows
    [
      {
        id            string
        name          string
      }
    ]
  tags
    {
      tags
        [
          {
            id            string
            name          string
          }
        ]
      mappings
        [
          {
            workflowId   string
            tagId         string
          }
        ]
    }
}

variable    {
  id            string
  readOnly: true
  key*          string
  value*        string
  example: test
  type          string
  readOnly: true
}

variableList  {
  data
    [
      [variable    {
        id            string
        readOnly: true
        key*          string
        value*        string
        example: test
        type          string
        readOnly: true
      }]
    ]
  nextCursor
    string
    nullable: true
    example: MTIzzTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA
    Paginate through variables by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.
}

project    {
  id            string
  readOnly: true
  name*        string
  type          string
  readOnly: true
}

```

```

projectList  {
  data
    [project  {
      id          string
      name*       string
      type        string
      readOnly: true
    }]
  nextCursor   string
  nullable: true
  example: MTIzZTQ1NjctZTg5Yi0xMmQzMWE0NTYtNDI2NjE0MTc0MDA
  Paginate through projects by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.

}

error  {
  code        string
  message*    string
  description string
}

role  {
  id          number
  readOnly: true
  example: 1
  name        string
  example: owner
  readOnly: true
  scope        string
  readOnly: true
  example: global
  createdAt    string($date-time)
  readOnly: true
  Time the role was created.
  updatedAt    string($date-time)
  readOnly: true
  Last time the role was updated.
}

credentialType  {
  displayName  string
  readOnly: true
  example: Email
  name        string
  readOnly: true
  example: email
  type        string
  readOnly: true
  example: string
  default     string
  readOnly: true
  example: string
}

Error  {
  code        string
  message*    string
  description string
}

```

```

Role {
  id
    number
    readOnly: true
    example: 1
  name
    string
    example: owner
    readOnly: true
  scope
    string
    readOnly: true
    example: global
  createdAt
    string($date-time)
    readOnly: true
    Time the role was created.
  updatedAt
    string($date-time)
    readOnly: true
    Last time the role was updated.
}

Execution {
  id
    number
    example: 1000
  data
    {
    }
  finished
    boolean
    example: true
  mode
    string
    Enum:
      [ cli, error, integrated, internal, manual, retry, trigger, webhook ]
  retryOf
    number
    nullable: true
  retrySuccessId
    number
    nullable: true
    example: 2
  startedAt
    string($date-time)
  stoppedAt
    string($date-time)
  workflowId
    number
    example: 1000
  waitTill
    string($date-time)
    nullable: true
  customData
    {
    }
}

```

```

Node {
    id
        string
        example: 0f5532f9-36ba-4bef-86c7-30d607400b15
    name
        string
        example: Jira
    webhookId
        string
    disabled
        boolean
    notesInFlow
        boolean
    notes
        string
    type
        string
        example: n8n-nodes-base.Jira
    typeVersion
        number
        example: 1
    executeOnce
        boolean
        example: false
    alwaysOutputData
        boolean
        example: false
    retryOnFail
        boolean
        example: false
    maxTries
        number
    waitBetweenTries
        number
    continueOnFail
        boolean
        example: false
        deprecated: true
        use onError instead

    onError
        string
        example: stopWorkflow
    position
        [
            example: List [ -100, 80 ]
            number]
    parameters
        {
        }
    credentials
        {
        }
        example: OrderedMap { "additionalProperties": OrderedMap {} }

    createdAt
        string($date-time)
        readOnly: true
    updatedAt
        string($date-time)
        readOnly: true
}

```

```

Tag {
    id
        string
        readOnly: true
        example: 2tUt1wbLX592XDdx
    name*
        string
        example: Production
    createdAt
        string($date-time)
        readOnly: true
    updatedAt
        string($date-time)
        readOnly: true
}

```

```

Workflow {
  id
    string
    readOnly: true
    example: 2tUt1wbLX592XDdX
  name*
    string
    example: Workflow 1
  active
    boolean
    readOnly: true
  createdAt
    string($date-time)
    readOnly: true
  updatedAt
    string($date-time)
    readOnly: true
  nodes*
    [node {
      id
        string
        example: 0f5532f9-36ba-4bef-86c7-30d607400b15
      name
        string
        example: Jira
      webhookId
        string
      disabled
        boolean
      notesInFlow
        boolean
      notes
        string
      type
        string
        example: n8n-nodes-base.Jira
      typeVersion
        number
        example: 1
      executeOnce
        boolean
        example: false
      alwaysOutputData
        boolean
        example: false
      retryOnFail
        boolean
        example: false
      maxTries
        number
      waitBetweenTries
        number
      continueOnFail
        boolean
        example: false
        deprecated: true
        use onError instead
      onError
        string
        example: stopWorkflow
      position
        [
          example: List [ -100, 80 ]
          [...]
        ]
      parameters
        {
        }
      credentials
        {
        }
      example: OrderedMap { "additionalProperties": OrderedMap {} }
    }
    credentials
      {
      }
    }
  example: OrderedMap { "main": List [ OrderedMap { "node": "Jira", "type": "main", "index": 0 } ] }
  settings*
    workflowSettings {
      saveExecutionProgress boolean
      saveManualExecutions boolean
      saveDataErrorExecution string
      Enum:
        [ all, none ]
      saveDataSuccessExecution string
      Enum:
        [ all, none ]
      executionTimeout number
      example: 3600
      maxLength: 3600
      errorWorkflow string
      example: VzqKEW0ShTXA5vPj
      The ID of the workflow that contains the error trigger node.
      timezone string
      example: America/New_York
      executionOrder string
      example: v1
    }
  staticData
    {
      anyOf ->
        string($jsonString)
        nullable: true
    }
}

```

```

        }
        nullable: true
    }
    example: OrderedMap { "LastId": 1 }
}
tags
[
    readOnly: true
]
tag {
    id
        string
        readOnly: true
        example: 2tUt1wbLX592XDdX
    name*
        string
        example: Production
    createdAt
        string($date-time)
        readOnly: true
    updatedAt
        string($date-time)
        readOnly: true
}
}
}

WorkflowSettings {
    saveExecutionProgress boolean
    saveManualExecutions boolean
    saveDataErrorExecution string
        Enum:
            [ all, none ]
    saveDataSuccessExecution string
        Enum:
            [ all, none ]
    executionTimeout number
        example: 3600
        maxLength: 3600
    errorWorkflow string
        example: VzqKEW0ShTXA5vPj
        The ID of the workflow that contains the error trigger node.
    timezone string
        example: America/New_York
    executionOrder string
        example: v1
}

ExecutionList {
    data
        [execution {
            id
                number
                example: 1000
            data
                [
                    {
                        finished
                            boolean
                            example: true
                        mode
                            string
                            Enum:
                                [ cli, error, integrated, internal, manual, retry, trigger, webhook ]
                        retryOf
                            number
                            nullable: true
                        retrySuccessId
                            number
                            nullable: true
                            example: 2
                        startedAt
                            string($date-time)
                        stoppedAt
                            string($date-time)
                        workflowId
                            number
                            example: 1000
                        waitTill
                            string($date-time)
                            nullable: true
                        customData
                            [
                                {
                                    ...
                                }
                            ]
                    }
                ]
            nextCursor
                string
                nullable: true
                example: MTIzzTQ1NjctZTg5Yi0xMmQzMWE0NTYtNDI2NjE0MTc0MDA
                Paginate through executions by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.
        }]
}
}

```

```

WorkflowList {
  data
    [workflow] {
      id
        string
        readOnly: true
        example: 2tUt1wbLX592XDDx
      name*
        string
        example: Workflow 1
      active
        boolean
        readOnly: true
      createdAt
        string($date-time)
        readOnly: true
      updatedAt
        string($date-time)
        readOnly: true
      nodes*
        [node] {
          id
            string
            example: 0f5532f9-36ba-4bef-86c7-30d607400b15
          name
            string
            example: Jira
          webhookId
            string
            example: Jira
          disabled
            boolean
            example: false
          notesInFlow
            boolean
            example: false
          notes
            string
            example: Jira
          type
            string
            example: n8n-nodes-base.Jira
          typeVersion
            number
            example: 1
          executeOnce
            boolean
            example: false
          alwaysOutputData
            boolean
            example: false
          retryOnFail
            boolean
            example: false
          maxTries
            number
            example: 3
          waitBetweenTries
            number
            example: 1000
          continueOnFail
            boolean
            example: false
            deprecated: true
            use onError instead
          onError
            string
            example: stopWorkflow
          position
            [
              example: List [ -100, 80 ]
              number]
          parameters
            {
            }
            example: OrderedMap { "additionalProperties": OrderedMap {} }
          credentials
            {
            }
            example: OrderedMap { "jiraSoftwareCloudApi": OrderedMap { "id": "35", "name": "jiraApi" } }
          createdAt
            string($date-time)
            readOnly: true
          updatedAt
            string($date-time)
            readOnly: true
        }
      }
      connections*
        {
        }
        example: OrderedMap { "main": List [ OrderedMap { "node": "Jira", "type": "main", "index": 0 } ] }
      settings*
        workflowSettings {
          saveExecutionProgress boolean
          saveManualExecutions boolean
          saveDataErrorExecution string
          Enum:
            [ all, none ]
          saveDataSuccessExecution string
          Enum:
            [ all, none ]
          executionTimeout number
          example: 3600
          maxLength: 3600
          errorWorkflow
            string
            example: VzqKEW0ShTXA5vPj
            The ID of the workflow that contains the error trigger node.
          timezone
            string
            example: America/New_York
          executionOrder
            string
            example: v1
        }
      staticData
    }
}

```

```

anyOf ->          string($jsonString)
                  nullable: true
                  {
}
nullable: true
example: OrderedMap { "LastId": 1 }

tags [
      readOnly: true
      tag {
        id           string
        readOnly: true
        example: 2tUt1wBLX592XDdX
        name*        string
        example: Production
        createdAt    string($date-time)
        readOnly: true
        updatedAt    string($date-time)
        readOnly: true
      }
    ]
string
nullable: true
example: MTIzZTQ1NjctZg5Yi0xMmQzMWE0NTYtNDI2NjE0MTc0MDA
Paginate through workflows by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.

}

}

```

```

Credential {
  id           string
  readOnly: true
  example: R2DjcLaysHbqn778
  name*        string
  example: Joe's Github Credentials
  type*        string
  example: github
  data*         {
    }
  example: OrderedMap { "token": "ada612vad6fa5df4adf5a5dsf4389adsf76da7s" }
  createdAt    string($date-time)
  readOnly: true
  example: 2022-04-29T11:02:29.842Z
  updatedAt    string($date-time)
  readOnly: true
  example: 2022-04-29T11:02:29.842Z
}

```

```

CredentialType {
  displayName   string
  readOnly: true
  example: Email
  name         string
  readOnly: true
  example: email
  type         string
  readOnly: true
  example: string
  default      string
  readOnly: true
  example: string
}

```

```

Audit {
  Credentials Risk Report {
    {
      example: OrderedMap { "risk": "credentials", "sections": List [ OrderedMap { "title": "Credentials not used in any workflow", "description": "These credentials are not used in any workflow. Keeping unused credentials in your instance is an unneeded security risk.", "recommendation": "Consider deleting these credentials if you no longer need them.", "location": List [ OrderedMap { "kind": "credential", "id": "1", "name": "My Test Account" } ] } ] }
  Database Risk Report {
    {
      example: OrderedMap { "risk": "database", "sections": List [ OrderedMap { "title": "Expressions in \\"Execute Query\\" fields in SQL nodes", "description": "This SQL node has an expression in the \\"Query\\" field of an \\"Execute Query\\" operation. Building a SQL query with an expression may lead to a SQL injection attack.", "recommendation": "Consider using the \\"Query Parameters\\" field to pass parameters to the query", "location": List [ OrderedMap { "kind": "node", "workflowId": "1", "workflowName": "My Workflow", "nodeId": "51eb5852-ce0b-4806-b4ff-e41322a4041a", "nodeName": "MySQL", "nodeType": "n8n-nodes-base.mySql" } ] } ] }
  Filesystem Risk Report {
    {
      example: OrderedMap { "risk": "filesystem", "sections": List [ OrderedMap { "title": "Nodes that interact with the filesystem", "description": "This node reads from and writes to any accessible file in the host filesystem. Sensitive file content may be manipulated through a node operation.", "recommendation": "Consider protecting any sensitive files in the host filesystem", "location": List [ OrderedMap { "kind": "node", "workflowId": "1", "workflowName": "My Workflow", "nodeId": "51eb5852-ce0b-4806-b4ff-e41322a4041a", "nodeName": "Ready Binary file", "nodeType": "n8n-nodes-base.readBinaryFile" } ] } ] }
  Nodes Risk Report {
    {
      example: OrderedMap { "risk": "nodes", "sections": List [ OrderedMap { "title": "Community nodes", "description": "This node is sourced from the community. Community nodes are not vetted by the n8n team and have full access to the host system.", "recommendation": "Consider reviewing the source code in any community nodes installed in this n8n instance", "location": List [ OrderedMap { "kind": "community", "nodeType": "n8n-nodes-test.test", "packageUrl": "https://www.npmjs.com/package/n8n-nodes-test" } ] } ] }
  Instance Risk Report {
    {
      example: OrderedMap { "risk": "execution", "sections": List [ OrderedMap { "title": "Unprotected webhooks in instance", "description": "These webhook nodes have the \\"Authentication\\" field set to \\"None\\" and are not directly connected to a node to validate the payload. Every unprotected webhook allows your workflow to be called by any third party who knows the webhook URL.", "recommendation": "Consider setting the \\"Authentication\\" field to an option other than \\"None\\\"", "location": List [ OrderedMap { "kind": "community", "nodeType": "n8n-nodes-test.test", "packageUrl": "https://www.npmjs.com/package/n8n-nodes-test" } ] } ] }
  }
}

```

```

Pull {
  force
  variables {
    {
      boolean
      example: true
    }
  }
  example: OrderedMap { "foo": "bar" }
}

```

```

ImportResult  {
  variables
    {
      added
      changed
    }
  credentials
    [
      {
        id
        name
        type
      }
    ]
  workflows
    [
      {
        id
        name
      }
    ]
  tags
    {
      tags
        [
          {
            id
            name
          }
        ]
      mappings
        [
          {
            workflowId
            tagId
          }
        ]
    }
}

UserList  {
  data
    [
      user
        {
          id
          string
          readOnly: true
          example: 123e4567-e89b-12d3-a456-426614174000
          email*
          string($email)
          example: john.doe@company.com
          firstName
          string
          maxLength: 32
          readOnly: true
          example: john
          User's first name
          lastName
          string
          maxLength: 32
          readOnly: true
          example: Doe
          User's last name
          isPending
          boolean
          readOnly: true
          Whether the user finished setting up their account in response to the invitation (true) or not (false).
          createdAt
          string($date-time)
          readOnly: true
          Time the user was created.
          updatedAt
          string($date-time)
          readOnly: true
          Last time the user was updated.
          role
          string
          example: owner
          readOnly: true
        }
    ]
  nextCursor
    string
    nullable: true
    example: MTIzzTQ1NjctZTg5Yi0xMmQzLWE0NTYtNDI2NjE0MTc0MDA
    Paginate through users by setting the cursor parameter to a nextCursor attribute returned by a previous request. Default value fetches the first "page" of the collection.
}

```

```
User {
  id           string
  readOnly: true
  example: 123e4567-e89b-12d3-a456-426614174000
  email*       string($email)
  example: john.doe@company.com
  firstName    string
  maxLength: 32
  readOnly: true
  example: john
  User's first name

  lastName     string
  maxLength: 32
  readOnly: true
  example: Doe
  User's last name

  isPending    boolean
  readOnly: true
  Whether the user finished setting up their account in response to the invitation (true) or not (false).

  createdAt    string($date-time)
  readOnly: true
  Time the user was created.

  updatedAt    string($date-time)
  readOnly: true
  Last time the user was updated.

  role         string
  example: owner
  readOnly: true
}
```