

AssetForms REST API for integrations

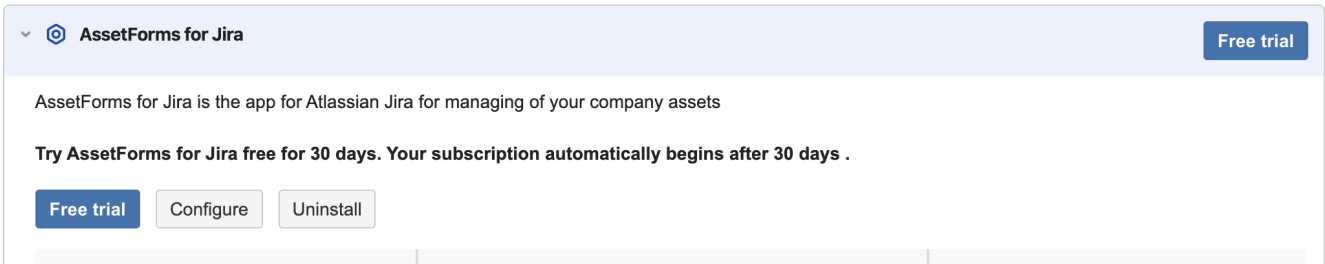
Documentation for **AssetForms app REST API v1.0**

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Configuration

To access AssetForms REST APIs you will need a token. Token can be generated via AssetForms app configuration

In "Manage apps" look for "AssetForms for Jira" and click "Configure" button

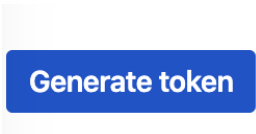


You will be presented with the configuration options available in AssetForms. Click on "API tokens" tab

AssetForms configuration

[General settings](#)[Webservices connections](#)[API tokens](#)

Click on generate to generate new access token for the AssetForms REST API



Server URL is <https://app.assetforms.com>

API prefix **/rest/api/v1**

AssetForms REST API endpoints

	Method	URL endpoint	Request parameters	Errors	Example
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Get asset type by ID or key	GET	/assettype/get/{token}/{assetTypepIdOrKey} • {token} - REST API access token • {assetTypepIdOrKey} - asset type ID or key	400 - When "assetTypepId" is missing 404 - When asset type cannot be found by given ID	<pre>{ "key": "ABC", "created": 1576498471883, "name": "My ABC asset", "id": "3b3d80c4-3980-4e5a-9f50-3db69103b193", "fields": [{ "name": "mytestfield", "index": 1, "description": "Some description here", "label": "My test field", "type": "text", "required": true }, { "name": "selectField", "options": { "1": "one", "2": "two", "3": "three" }, "index": 2, "description": "", "label": "My super dropdown", "type": "select", "required": false }] }</pre>
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List asset types	GET	/assettype/list/{token} {token} - REST API access token		Empty JSON array is returned when you don't have any asset type registered	<pre>[{ "key": "ABC", "created": 1576498471883, "name": "My ABC asset", "id": "3b3d80c4-3980-4e5a-9f50-3db69103b193", "fields": [{ "name": "mytestfield", "index": 1, "description": "Some description here", "label": "My test field", "type": "text", "required": true }, { "name": "selectField", "options": { "1": "one", "2": "two", "3": "three" }, "index": 2, "description": "", "label": "My super dropdown", "type": "select", "required": false }] },]</pre>
Search assets	GET / POST	/asset/search/{token}/{assetTypepIdOrKey} {token} - REST API access token {assetTypepIdOrKey} - asset type ID or key	Supports optional parameters: query - AssetForms Filters expected (empty means no filter and all records for this asset type are returned) sort - Sorting in AssetForms startAt - starts with 1 for first record if not specified. Must be a positive numeric value and larger than 0 limit - number of records to show per page. Maximum (and the default) number is 100 records per page expandFields - comma separated list of field names to expand. This helps you to load referenced records via smart fields, or rich properties for "user" and "Jira" fields, as well as the data for web-service enabled fields		By default 100 assets loaded per page

Create or update asset	POST	/asset/save/ {token}/ {assetType}idOr Key}	Expecting an input payload in JSON format that describes new Asset Creates Asset <pre>{ "fields": { "name": "some name here", "mycheckboxfield": true, "textfield1": "", "multiuserfield": ["557058:49c2eeaf-b72c-4e4d-86a7-97c1a77b50b6", "557058:dcece530-c784-4d86-a62d-25c2f2207210"], "multijirafield": ["JTEST-203", "JTEST-141"] } }</pre> Updates asset by "id" <pre>{ "fields": { "id": "e598a9c5-379c-4ed1-9f43-fd2b124411c8", "name": "some name here", "mycheckboxfield": true, "textfield1": "", "multiuserfield": ["557058:49c2eeaf-b72c-4e4d-86a7-97c1a77b50b6", "557058:dcece530-c784-4d86-a62d-25c2f2207210"], "multijirafield": ["JTEST-203", "JTEST-141"] } }</pre>		
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Get asset by ID or key	GET	/asset/get/{token}/{assetTypeIdOrKey}/{assetIdOrKey}	Returns asset by key (or ID) of requested asset type Supports (optional parameters) expandFields - comma separated list of field names to expand. This helps you to load referenced records via smart fields, or rich properties for "user" and "Jira" fields, as well as the data for web-service enabled fields		Example <pre>{ "assetTypeId": "7f39c2ad-28aa-471b-bf50-ce929afbd249", "createdBy": "557058:49c2eeaf-b72c-4e4d-86a7-97c1a77b50b6", "created": 1584016196143, "name": "My super multi-select asset", "id": "e598a9c5-379c-4ed1-9f43-fd2b124411c8", "fields": { "description": "", "usermulti": "557058:49c2eeaf-b72c-4e4d-86a7-97c1a77b50b6,557058:dcece530-c784-4d86-a62d-25c2f2207210" }, "key": "ABC-1" }</pre> Same asset, when expandFields=usermulti is given <pre>{ "assetTypeId": "7f39c2ad-28aa-471b-bf50-ce929afbd249", "createdBy": "557058:49c2eeaf-b72c-4e4d-86a7-97c1a77b50b6", "created": 1584016196143, "name": "My super multi-select asset", "id": "e598a9c5-379c-4ed1-9f43-fd2b124411c8", "fields": { "description": "", "usermulti": [{ "accountId": "557058:49c2eeaf-b72c-4e4d-86a7-97c1a77b50b6", "fullName": "Sam Smith" }, { "accountId": "557058:dcece530-c784-4d86-a62d-25c2f2207210", "fullName": "Johnny English" }] }, "key": "ABC-1" }</pre>
Delete asset by ID or key	DELETE	/asset/delete/{token}/{assetTypeIdOrKey}/{assetIdOrKey}	Deletes asset by key (or ID) of requested asset type		

Common errors / error codes

HTTP 401 is returned when "Authentication token is missing" or "Invalid or expired token" is provided