{

"openapi": "3.0.1",

"info": {

"version": "1.0",

"title": "Ex Libris APIs",

"description": "For more information on how to use these APIs, including how to create an API key required for authentication, see [Alma REST APIs](https://developers.exlibrisgroup.com/alma/apis).",

"termsOfService": "https://developers.exlibrisgroup.com/about/terms"

},

"externalDocs": {

"description": "Detailed documentation on these APIs at the Ex Libris Developer Network.",

"url": "https://developers.exlibrisgroup.com/alma/apis/"

},

"servers": [

{

"url": "https://api-eu.hosted.exlibrisgroup.com"

},

{

"url": "https://api-na.hosted.exlibrisgroup.com"

},

{

"url": "https://api-ap.hosted.exlibrisgroup.com"

},

{

"url": "https://api-aps.hosted.exlibrisgroup.com"

},

{

"url": "https://api-cn.hosted.exlibrisgroup.com.cn"

},

{

"url": "https://api-ca.hosted.exlibrisgroup.com"

}

],

"tags": [

{

"name": "Assets"

}

],

"paths": {

"/esploro/v1/assets": {

"get": {

"tags": [

"Assets"

],

"description": "This Web service returns Esploro Assets data for a given parameter(s)\n\nNote that the service must receive parameters from the following list:\n\n - doi\n\n - user\_primary\_id\n\n - update\_date\_from\n\n - update\_date\_to\n\n - embargo\_expiry\_date\_from\n\n - embargo\_expiry\_date\_to\n\n - open\_access\n\n - org\_code\n\n The schema is presented in XSD but note that the API format is JSON.\n\n",

"summary": "Retrieve Asset",

"operationId": "get/esploro/v1/assets",

"parameters": [

{

"name": "doi",

"in": "query",

"required": true,

"schema": {

"type": "string"

},

"description": "DOI(s), optionally delimited by comma"

},

{

"name": "user\_primary\_id",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "User primary identifier."

},

{

"name": "update\_date\_from",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "The earliest date that the asset was created or updated."

},

{

"name": "update\_date\_to",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "The latest date that the asset was created or updated."

},

{

"name": "embargo\_expiry\_date\_from",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "Assets with embargo expiry date after this date."

},

{

"name": "embargo\_expiry\_date\_to",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "Assets with embargo expiry date before this date."

},

{

"name": "open\_access",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "Open Access indicator on asset level (yes/no)."

},

{

"name": "org\_code",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "Organization Unit Code(s), optionally delimited by comma"

},

{

"name": "format",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "Output format - for future use."

},

{

"name": "limit",

"in": "query",

"required": false,

"schema": {

"default": "10",

"type": "integer"

},

"description": "Limits the number of results. Optional. Valid values are 0-100. Default value: 10."

},

{

"name": "offset",

"in": "query",

"required": false,

"schema": {

"default": "0",

"type": "integer"

},

"description": "Offset of the results returned. Optional. Default value: 0, which means that the first results will be returned."

}

],

"responses": {

"400": {

"description": "Bad Request\n\n401711 - 'General Error – An error has occurred when processing this request'\n\n402711 - 'Input parameter contains an invalid format – correct date format is YYYY-MM-DD.'\n\n402712 - 'Input parameter mmsId list is not valid.'\n\n401714 - 'Input parameters mmsId is not numeric.'"

},

"200": {

"description": "OK",

"headers": {

"X-Exl-Api-Remaining": {

"$ref": "#/components/headers/remaining"

}

},

"content": {

"application/json": {

"schema": {

"type": "object"

}

}

}

},

"500": {

"description": "Internal Server Error"

}

}

},

"post": {

"tags": [

"Assets"

],

"description": "This Web service creates a new asset.",

"summary": "Create asset",

"operationId": "post/esploro/v1/assets",

"parameters": [

{

"name": "is\_draft",

"in": "query",

"required": false,

"schema": {

"default": "true",

"type": "boolean"

},

"description": "Deposit asset in status 'Draft'?"

},

{

"name": "author\_affiliation\_enhancement",

"in": "query",

"required": false,

"schema": {

"default": "true",

"type": "boolean"

},

"description": "Enrich author affiliation with OpenAlex data?"

},

{

"name": "override\_author\_affiliations",

"in": "query",

"required": false,

"schema": {

"default": "true",

"type": "boolean"

},

"description": "Override author affiliations with OpenAlex data?"

},

{

"name": "open\_access\_enrichment",

"in": "query",

"required": false,

"schema": {

"default": "true",

"type": "boolean"

},

"description": "Enrich asset with additional OpenAlex data?"

},

{

"name": "reject\_duplicate",

"in": "query",

"required": false,

"schema": {

"default": "true",

"type": "boolean"

},

"description": "Reject asset in case it is already existing in Esploro?"

},

{

"name": "import\_profile",

"in": "query",

"required": false,

"schema": {

"default": "API",

"type": "string"

},

"description": "Name of the import profile (max. 20 characters)."

}

],

"requestBody": {

"description": "This method takes an asset object. See [here](/esploro/apis/docs/xsd/rest\_esploro\_records.xsd?tags=POST)",

"required": true,

"content": {

"application/json": {

"schema": {

"$ref": "https://developers.exlibrisgroup.com/wp-content/uploads/esploro/openapi/schemas/rest\_esploro\_records-post.json#/rest\_esploro\_records-post"

}

}

}

},

"responses": {

"400": {

"description": "Bad Request\n\n"

},

"200": {

"description": "OK - This method returns an object based on rest\_esploro\_records.xsd. See [here](/esploro/apis/docs/xsd/rest\_esploro\_records.xsd)",

"headers": {

"X-Exl-Api-Remaining": {

"$ref": "#/components/headers/remaining"

}

},

"content": {

"application/json": {

"schema": {

"$ref": "https://developers.exlibrisgroup.com/wp-content/uploads/esploro/openapi/schemas/rest\_esploro\_records.json#/rest\_esploro\_records"

}

}

}

},

"500": {

"description": "Internal Server Error"

}

}

}

},

"/esploro/v1/assets/test": {

"get": {

"tags": [

""

],

"description": "This API is used to test if the API key was configured correctly.",

"summary": "GET Inventory Test API",

"operationId": "get/esploro/v1/assets/test",

"parameters": [],

"responses": {

"400": {

"description": "Bad Request\n\n"

},

"200": {

"description": "OK",

"headers": {

"X-Exl-Api-Remaining": {

"$ref": "#/components/headers/remaining"

}

},

"content": {

"application/json": {

"schema": {

"type": "object"

}

}

}

},

"500": {

"description": "Internal Server Error"

}

}

},

"post": {

"tags": [

""

],

"description": "This API is used to test if the API key was configured correctly, including read/write permissions.",

"summary": "POST Inventory Test API",

"operationId": "post/esploro/v1/assets/test",

"parameters": [],

"responses": {

"400": {

"description": "Bad Request\n\n"

},

"200": {

"description": "OK",

"headers": {

"X-Exl-Api-Remaining": {

"$ref": "#/components/headers/remaining"

}

},

"content": {

"application/json": {

"schema": {

"type": "object"

}

}

}

},

"500": {

"description": "Internal Server Error"

}

}

}

},

"/esploro/v1/assets/{assetId:.+}": {

"post": {

"tags": [

"Assets"

],

"description": "This Web service updates parts of an existing asset, without the need to provide the full record. The following fields are supported:\n\ndates (e.g. date.published), fundingreferenceList, grants.note, identifiers (e.g. identifier.doi), links \n\n",

"summary": "Update asset",

"operationId": "post/esploro/v1/assets/{assetId:.+}",

"parameters": [

{

"name": "assetId",

"in": "path",

"required": true,

"schema": {

"type": "string"

},

"description": "MMS ID of the asset to update"

},

{

"name": "op",

"in": "query",

"required": false,

"schema": {

"default": "patch",

"type": "string"

},

"description": "The operation to be performed on the asset. Currently op=patch is supported, which is also the default value."

},

{

"name": "action",

"in": "query",

"required": false,

"schema": {

"default": "add",

"type": "string"

},

"description": "Allowed values are: add, replace.\n\n- add (for simple fields: only update value if empty in Esploro, for list fields: append value to list).\n\n- replace (for simple fields: replace value in Esploro, for list fields: swap all).\n\n"

}

],

"requestBody": {

"description": "This method takes an asset object. See [here](/esploro/apis/docs/xsd/rest\_esploro\_records.xsd?tags=POST)",

"required": true,

"content": {

"application/json": {

"schema": {

"$ref": "https://developers.exlibrisgroup.com/wp-content/uploads/esploro/openapi/schemas/rest\_esploro\_records-post.json#/rest\_esploro\_records-post"

}

}

}

},

"responses": {

"400": {

"description": "Bad Request\n\n"

},

"200": {

"description": "OK - This method returns an object based on rest\_esploro\_records.xsd. See [here](/esploro/apis/docs/xsd/rest\_esploro\_records.xsd)",

"headers": {

"X-Exl-Api-Remaining": {

"$ref": "#/components/headers/remaining"

}

},

"content": {

"application/json": {

"schema": {

"$ref": "https://developers.exlibrisgroup.com/wp-content/uploads/esploro/openapi/schemas/rest\_esploro\_records.json#/rest\_esploro\_records"

}

}

}

},

"500": {

"description": "Internal Server Error"

}

}

}

},

"/esploro/v1/assets/{assetIds}": {

"get": {

"tags": [

"Assets"

],

"description": "This web service returns Esploro Asset data for given assetId(s). The schema is presented in XSD but note that the API format is JSON.",

"summary": "Retrieve Asset",

"operationId": "get/esploro/v1/assets/{assetIds}",

"parameters": [

{

"name": "assetIds",

"in": "path",

"required": true,

"schema": {

"type": "string"

},

"description": "The Asset Identifier(s), optionally delimited by comma"

},

{

"name": "format",

"in": "query",

"required": false,

"schema": {

"default": "",

"type": "string"

},

"description": "Output format - for future use."

},

{

"name": "limit",

"in": "query",

"required": false,

"schema": {

"default": "10",

"type": "integer"

},

"description": "Limits the number of results. Optional. Valid values are 0-100. Default value: 10."

},

{

"name": "offset",

"in": "query",

"required": false,

"schema": {

"default": "0",

"type": "integer"

},

"description": "Offset of the results returned. Optional. Default value: 0, which means that the first results will be returned."

}

],

"responses": {

"400": {

"description": "Bad Request\n\n401711 - 'General Error – An error has occurred when processing this request'\n\n402711 - 'Input parameter contains an invalid format – correct date format is YYYY-MM-DD.'\n\n402712 - 'Input parameter mmsId list is not valid.'\n\n402713 - 'Input parameters contains multiple values that cannot be used together.'\n\n401714 - 'Input parameters mmsId is not numeric.'"

},

"200": {

"description": "OK",

"headers": {

"X-Exl-Api-Remaining": {

"$ref": "#/components/headers/remaining"

}

},

"content": {

"application/json": {

"schema": {

"type": "object"

}

}

}

},

"500": {

"description": "Internal Server Error"

}

}

}

}

},

"security": [

{

"ApiKeyAuth": []

}

],

"components": {

"securitySchemes": {

"ApiKeyAuth": {

"type": "apiKey",

"description": "API key used to authorize requests. Learn about how to create API keys at [Alma REST APIs](https://developers.exlibrisgroup.com/alma/apis/#defining)",

"in": "query",

"name": "apikey"

}

},

"headers": {

"remaining": {

"description": "The number of remaining calls according to the [Governance Threshold](https://developers.exlibrisgroup.com/alma/apis/#threshold)",

"schema": {

"type": "integer"

}

}

}

}

}