Contents

API Object: marketplace.ApplicationLibraryEntry

Definition

Use the `/ApplicationLibraryEntry` API to create, update, read or delete an application library entry in the system.

Resource Information

The following properties appear in the Application Library Entry JSON:

Request URL

`https://localhost:8443/marketplace/api/profile/2/library`

This placeholder URL will vary depending upon your deployment. Be mindful that `https://localhost:8443/marketplace` is an example "base/context/domain" where your WAR is deployed.

Request Methods

POST,
PUT,
GET,
DELETE

Each method will be explained in the following sections:

POST

Use this call to **create** a library with one folder in the system.

Request

URL

`https://localhost:8443/marketplace/api/profile/2/library`

Headers

```
Accept = application/JSON
Content-Type = application/JSON
```

Body

```
{
    "folder":"folder 1",
    "listing":{
        "id":173
    }
}
```

Response Code:

201

Response

```
{
    "folder":"folder 1",
    "listing":{
        "id":173,
        "launchUrl":"http://icons.iconarchive.com/icons/mattahan/ultrabuuf/128/Comics-Hulkling-Sulking-
        "uuid":"5114a1d4-05cb-44f3-a34a-571e34480490",
        "title":"Listing1",
        "imageXlargeUrl":null,
        "imageMediumUrl":null,
        "imageLargeUrl":null,
        "imageSmallUrl":null
    }
}
```

Requirements

PUT

Use this call to **update** a library in the system. The following example deletes a listing from a folder in the
library.

Request

URL

`https://localhost:8443/marketplace/api/profile/2/library`

Headers

```
Accept = application/JSON
Content-Type = application/JSON
```

Body

```
[
    {
        "folder":"Folder 1",
        "listing":{
            "id":227
        }
    },
    {
        "folder":"Folder 1",
        "listing":{
            "id":228
        }
    },
    {
        "folder":"Folder 1",
        "listing":{
            "id":230
        }
    }
]
```

Response Code:

200

Response

```
[
    {
        "folder":"Folder 1",
        "listing":
        {
            "id":227,
            "launchUrl":"http://icons.iconarchive.com/icons/mattahan/ultrabuuf/128/Comics-Hulkling-Sulk
            "uuid":"3a345233-c989-4cf4-bc85-22b6e7c24f44",
            "title":"Listing1",
            "imageXlargeUrl":null,
            "imageMediumUrl":null,
            "imageLargeUrl":null,
            "imageSmallUrl":null
        }
    },
    {
        "folder":"Folder 1",
        "listing":
        {
            "id":228,
            "launchUrl":"http://icons.iconarchive.com/icons/mattahan/ultrabuuf/128/Comics-Hulkling-Sulk
            "uuid":"840caabf-c392-4e27-99cd-008cac1ec967",
            "title":"Listing2",
            "imageXlargeUrl":null,
            "imageMediumUrl":null,
            "imageLargeUrl":null,
```

```
                "imageSmallUrl":null
            }
        },
        {
            "folder":"Folder 1",
            "listing":
            {
                "id":230,
                "launchUrl":"http://icons.iconarchive.com/icons/mattahan/ultrabuuf/128/Comics-Hulkling-Sulk:
                "uuid":"3b4ea74b-b2b9-4730-9174-3aaf548ece55",
                "title":"Listing4",
                "imageXlargeUrl":null,
                "imageMediumUrl":null,
                "imageLargeUrl":null,
                "imageSmallUrl":null
            }
        }
]
```

Requirements

GET

Use this call to **read or view** an application in the system.

Request

`https://localhost:8443/marketplace/api/profile/2/application`

The following example shows the response for an application with a single folder.

Response Code:

200

Response for an application with a single folder

```
{
    "_links":
    {
        "item":
        [
            {
                "href":"https://localhost:8443/marketplace/api/listing/173"
            },
            {
                "href":"https://localhost:8443/marketplace/api/listing/174"
            },
            {
                "href":"https://localhost:8443/marketplace/api/listing/175"
```

```
        },
        {
            "href":"https://localhost:8443/marketplace/api/listing/176"
        }
    ],
    "self":
    {
        "href":"https://localhost:8443/marketplace/api/profile/2/application"
    }
  }
}
```

Requirements

DELETE

Use this call to remove something from the library. The following example removes a folder {id} from the library

Requirements

`https://localhost:8443/marketplace/api/profile/2/library/{id}`

Response Code:

204

Response

`no content`

Requirements

Possible Errors

This table lists common errors. Other errors may occur but these are the most likely:

Error Code
Error
Troubleshooting

400
Update a folder (bad request)
The folder name must be 256 characters or less.

API Object: marketplace.data

Definition

Use the `/data` API to create, update, read or delete data in the system.

Resource Information

The following properties appear in the Data JSON:

Request URL

`https://localhost:8443/marketplace/api/data`

This placeholder URL will vary depending upon your deployment. Be mindful that `https://localhost:8443/marketplace` is an example "base/context/domain" where your WAR is deployed.

Request Methods

GET,
DELETE

Each method will be explained in the following sections:

GET

Use this call to **read or view** data in the system.

Request

If you want to see an empty list enter:
`https://localhost:8443/marketplace/api/profile/2/data`

Response Code:

200

Response for an empty list of data

```
{
    "_links":
    {
        "item":
        {
            "href":"https://localhost:8443/marketplace/api/profile/2/data/dashboard-data"
        },
        "self":
        {
            "href":"https://localhost:8443/marketplace/api/profile/2/data"
        }
    }
}
```

DELETE

Use this call to remove data from the system.

Requirements

`https://localhost:8443/marketplace/api/profile/2/data/{id}`

Response Code:

204

Response

`no content`

Requirements

Possible Errors

This table lists common errors. Other errors may occur but these are the most likely:

Error Code
Error
Troubleshooting

400

Key name validation error.
Maximum name must not exceed 255 characters.

API Object: marketplace.metadata

Definition

Use the `/metadata` API to read agency, type, intent, category and contact types that appear on Marketplace's Search and Discovery Page.

Request URL

`https://localhost:8443/marketplace/api/metadata`

This placeholder URL will vary depending upon your deployment. Be mindful that `https://localhost:8443/marketplace` is an example "base/context/domain" where your WAR is deployed.

Request Method

The `metadata` API only uses the GET method.

GET

Use this call to **read or view** all the corresponding metadata used on the Search and Discovery Page.

Request

`https://localhost:8443/marketplace/api/metadata/`

Response Code:

200

Response for metadata

```
{
    "_links": {
        "curies": {
            "href": "http://ozoneplatform.org/docs/rels/{rel}",
            "name": "ozp",
            "templated": true
        },
        "ozp:category": {
            "href": "https://localhost:8443/marketplace/api/category"
        },
        "ozp:contact-type": {
```

```json
            "href": "https://localhost:8443/marketplace/api/contactType"
        },
        "ozp:intent": {
            "href": "https://localhost:8443/marketplace/api/intent"
        },
        "ozp:organization": {
            "href": "https://localhost:8443/marketplace/api/agency"
        },
        "ozp:type": {
            "href": "https://localhost:8443/marketplace/api/type"
        },
        "self": {
            "href": "https://localhost:8443/marketplace/api/metadata"
        }
    },
    "_embedded": {
        "ozp:category": {
            "_links": {
                "item": [{
                    "href": "https://localhost:8443/marketplace/api/category/10"
                },
                {
                    "href": "https://localhost:8443/marketplace/api/category/9"
                },
                {
                    "href": "https://localhost:8443/marketplace/api/category/1"
                }],
                "self": {
                    "href": "https://localhost:8443/marketplace/api/category"
                }
            },
            "_embedded": {
                "item": [{
                    "id": 10,
                    "description": "Books and Reference",
                    "title": "Books and Reference",
                    "_links": {
                        "self": {
                            "href": "https://localhost:8443/marketplace/api/category/10"
                        }
                    }
                },
                {
                    "id": 9,
                    "description": "Business",
                    "title": "Business",
                    "_links": {
                        "self": {
                            "href": "https://localhost:8443/marketplace/api/category/9"
                        }
                    }
                },
                {
                    "id": 1,
```

```
                "description": "Communication",
                "title": "Communication",
                "_links": {
                    "self": {
                        "href": "https://localhost:8443/marketplace/api/category/1"
                    }
                }
    }
}],
"ozp:contact-type": {
    "_links": {
        "item": [{
            "href": "https://localhost:8443/marketplace/api/contactType/30"
        },
        {
            "href": "https://localhost:8443/marketplace/api/contactType/31"
        }],
        "self": {
            "href": "https://localhost:8443/marketplace/api/contactType"
        }
    },
    "_embedded": {
        "item": [{
            "id": 30,
            "required": true,
            "title": "ContactType_8",
            "_links": {
                "self": {
                    "href": "https://localhost:8443/marketplace/api/contactType/30"
                }
            }
        },
        {
            "id": 31,
            "required": true,
            "title": "ContactType_9",
            "_links": {
                "self": {
                    "href": "https://localhost:8443/marketplace/api/contactType/31"
                }
            }
        }],
    }
},
"ozp:intent": {
    "_links": {
        "item": [{
            "href": "https://localhost:8443/marketplace/api/intent/48"
        },
        {
            "href": "https://localhost:8443/marketplace/api/intent/50"
        }],
        "self": {
            "href": "https://localhost:8443/marketplace/api/intent"
```

```
            }
        },
        "_embedded": {
            "item": [{
                "id": 48,
                "type": "application10/json",
                "action": "view10",
                "label": "label10",
                "iconId": null,
                "icon": null,
                "_links": {
                    "self": {
                        "href": "https://localhost:8443/marketplace/api/intent/48"
                    }
                }
            },
            {
                "id": 50,
                "type": "application/json",
                "action": "share",
                "label": null,
                "iconId": null,
                "icon": null,
                "_links": {
                    "self": {
                        "href": "https://localhost:8443/marketplace/api/intent/50"
                    }
                }
            }]
        }
    },
    "ozp:organization": {
        "_links": {
            "item": [{
                "href": "https://localhost:8443/marketplace/api/agency/1"
            },
            {
                "href": "https://localhost:8443/marketplace/api/agency/2"
            },
            {
                "href": "https://localhost:8443/marketplace/api/agency/3"
            }],
            "self": {
                "href": "https://localhost:8443/marketplace/api/agency"
            }
        },
        "_embedded": {
            "item": [{
                "id": 1,
                "shortName": "TORG",
                "title": "Test Organization",
                "_links": {
                    "self": {
                        "href": "https://localhost:8443/marketplace/api/agency/1"
```

```
                }
            }
        },
        {
            "id": 2,
            "shortName": "TORG2",
            "title": "Test 2 Organization",
            "_links": {
                "self": {
                    "href": "https://localhost:8443/marketplace/api/agency/2"
                }
            }
        },
        {
            "id": 3,
            "shortName": "JAgency",
            "title": "Jmeter Agency",
            "_links": {
                "self": {
                    "href": "https://localhost:8443/marketplace/api/agency/3"
                }
            }
        }]
    }
},
"ozp:type": {
    "_links": {
        "item": [{
            "href": "https://localhost:8443/marketplace/api/type/1"
        },
        {
            "href": "https://localhost:8443/marketplace/api/type/2"
        },
        {
            "href": "https://localhost:8443/marketplace/api/type/3"
        }],
        "self": {
            "href": "https://localhost:8443/marketplace/api/type"
        }
    },
    "_embedded": {
        "item": [{
            "id": 1,
            "description": "A small or highly specialized application",
            "title": "Widget",
            "_links": {
                "self": {
                    "href": "https://localhost:8443/marketplace/api/type/1"
                }
            }
        },
        {
            "id": 2,
            "description": "A web app",
```

```
                    "title": "Web Application",
                    "_links": {
                        "self": {
                            "href": "https://localhost:8443/marketplace/api/type/2"
                        }
                    }
                },
                {
                    "id": 3,
                    "description": "This is a type that is used for Jmeter testing. It should be removed
                    "title": "Jmeter Type",
                    "_links": {
                        "self": {
                            "href": "https://localhost:8443/marketplace/api/type/3"
                        }
                    }
                }]
            }
        }
    }
}
```

Requirements

Possible Errors

This table lists common errors. Other errors may occur but these are the most likely:

Error Code
Error
Troubleshooting

400
Create or Delete
The metadata API only GETs data. You cannot create, update or delete it.

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API Object: marketplace.search

Definition

Use the `/search` API to create, update, read or delete a search in the system.

Resource Information

The following properties appear in the Type JSON:

Request URL

`https://localhost:8443/marketplace/api/listing/search?queryString={Search%Term}`

This placeholder URL will vary depending upon your deployment. Be mindful that `https://localhost:8443/marketplace` is an example "base/context/domain" where your WAR is deployed.

Request Method

GET

Use this call to **read or view** a search in the system.

Request

`https://localhost:8443/marketplace/api/listing/search?queryString={Search%Term}`

Marketplace (i.e., Center) returns the representation of the results that matches the{Search Term}, as shown in the Response.

Response Code:

200

Response from the search

```
{
    "total":0,
    "_links":{
        "self":{
            "href":"https://localhost:8443/marketplace/api/listing/search?queryString=%22Air+Mail%22&so
        }
    }
}
```

Requirements

API Object: marketplace.storefront

Definition

Use the `/storefront` API to read all the listing data on Marketplace's Search and Discovery Page.

Request URL

`https://localhost:8443/marketplace/api/storefront`

This placeholder URL will vary depending upon your deployment. Be mindful that `https://localhost:8443/marketplace` is an example "base/context/domain" where your WAR is deployed.

Request Method

The `storefront` API only uses the GET method.

GET

Use this call to **read or view** all the listing data that appears on the Search and Discovery Page.

Request

`https://localhost:8443/marketplace/api/storefront/`

Response Code:

200

Response for storefront

```
{
    "mostPopular": [{
        "id": 1,
        "type": "Web Application",
        "smallIconId": "a6e3316c-bef3-4bad-a496-b1fa6f63fee3",
        "description": "The clipboard is a software facility used for short-term data storage and/or da
        "singleton": false,
        "height": null,
        "width": null,
        "required": [],
        "title": "Clipboard",
        "largeIconId": "f7ded6ee-61bd-4126-a91b-55ca8b8e2eed",
        "bannerIconId": "a7c695c2-0aff-42af-a182-717abe9d7368",
        "featuredBannerIconId": "796e8d11-eb75-432a-ad89-db7a5f3c9acc",
        "descriptionShort": "Clipboard managers are applications that enable user to manipulate clipboa
        "requirements": "https://www",
        "approvalStatus": "APPROVED",
        "totalComments": 0,
        "screenshots": [{
```

```
        "smallImageId": "ee34591b-c303-41c1-a2b0-c73433597ac9",
        "largeImageId": "604b4b09-56e5-43a5-bfea-fddd1ccf1121",
        "smallImageUrl": "https://localhost:8443/marketplace/api/image/ee34591b-c303-41c1-a2b0-c7343
        "largeImageUrl": "https://localhost:8443/marketplace/api/image/604b4b09-56e5-43a5-bfea-fddd
},
{
        "smallImageId": "ebd179d9-b526-43fd-b886-be0e442ade87",
        "largeImageId": "d6bff664-502d-4f64-bbed-4d091a44afe4",
        "smallImageUrl": "https://localhost:8443/marketplace/api/image/ebd179d9-b526-43fd-b886-be0e4
        "largeImageUrl": "https://localhost:8443/marketplace/api/image/d6bff664-502d-4f64-bbed-4d09
}],
"editedDate": "2015-07-14T18:41:32.208+0000",
"approvedDate": "2015-07-14T18:41:32.173+0000",
"versionName": "1",
"launchUrl": "https://raw.githubusercontent.com/ozone-development/center-ui/master/app/images/sa
"uuid": "a7c57f89-8b86-4c43-97e0-39f659c7a069",
"isEnabled": true,
"whatIsNew": "Added languages: Arabic, Japanese, Chinese, German, French, Korean, Russian and Sp
"isFeatured": false,
"avgRate": 0.0,
"totalVotes": 0,
"totalRate5": 0,
"totalRate4": 0,
"totalRate3": 0,
"totalRate2": 0,
"totalRate1": 0,
"contacts": [],
"agency": "Test 2 Organization",
"categories": ["Media and Video",
"Tools"],
"owners": [{
        "id": 2,
        "displayName": "Test Admin 1",
        "username": "testAdmin1"
}],
"docUrls": [{
        "name": "API Documentation",
        "url": "http://www.yahoo.com"
},
{
        "name": "User Manual",
        "url": "http://www.google.com"
}],
"intents": ["application/ozp-demo-ball+json/view",
"application/ozp-demo-ball+json/edit"],
"tags": ["blue"],
"imageSmallUrl": "https://localhost:8443/marketplace/api/image/a6e3316c-bef3-4bad-a496-b1fa6f63
"imageMediumUrl": "https://localhost:8443/marketplace/api/image/f7ded6ee-61bd-4126-a91b-55ca8b8
"imageLargeUrl": "https://localhost:8443/marketplace/api/image/a7c695c2-0aff-42af-a182-717abe9d7
"imageXlargeUrl": "https://localhost:8443/marketplace/api/image/796e8d11-eb75-432a-ad89-db7a5f3
"agencyShort": "TORG2",
"currentRejection": null,
"_links": {
        "curies": {
```

```json
                "href": "http://ozoneplatform.org/docs/rels/{rel}",
                "name": "ozp",
                "templated": true
            },
            "ozp:activity": {
                "href": "https://localhost:8443/marketplace/api/listing/1/activity"
            },
            "ozp:required": {
                "href": "https://localhost:8443/marketplace/api/listing/1/requiredListings"
            },
            "ozp:required-by": {
                "href": "https://localhost:8443/marketplace/api/listing/1/requiringListings"
            },
            "ozp:review": {
                "href": "https://localhost:8443/marketplace/api/listing/1/itemComment"
            },
            "self": {
                "href": "https://localhost:8443/marketplace/api/listing/1"
            }
        }
    }],
    "featured": [],
    "recent": [{
        "id": 1,
        "type": "Web Application",
        "smallIconId": "a6e3316c-bef3-4bad-a496-b1fa6f63fee3",
        "description": "The clipboard is a software facility used for short-term data storage and/or da
        "singleton": false,
        "height": null,
        "width": null,
        "required": [],
        "title": "Clipboard",
        "largeIconId": "f7ded6ee-61bd-4126-a91b-55ca8b8e2eed",
        "bannerIconId": "a7c695c2-0aff-42af-a182-717abe9d7368",
        "featuredBannerIconId": "796e8d11-eb75-432a-ad89-db7a5f3c9acc",
        "descriptionShort": "Clipboard managers are applications that enable user to manipulate clipboa
        "requirements": "https://www",
        "approvalStatus": "APPROVED",
        "totalComments": 0,
        "screenshots": [{
            "smallImageId": "ee34591b-c303-41c1-a2b0-c73433597ac9",
            "largeImageId": "604b4b09-56e5-43a5-bfea-fddd1ccf1121",
            "smallImageUrl": "https://localhost:8443/marketplace/api/image/ee34591b-c303-41c1-a2b0-c7343
            "largeImageUrl": "https://localhost:8443/marketplace/api/image/604b4b09-56e5-43a5-bfea-fddd
        },
        {
            "smallImageId": "ebd179d9-b526-43fd-b886-be0e442ade87",
            "largeImageId": "d6bff664-502d-4f64-bbed-4d091a44afe4",
            "smallImageUrl": "https://localhost:8443/marketplace/api/image/ebd179d9-b526-43fd-b886-be0e4
            "largeImageUrl": "https://localhost:8443/marketplace/api/image/d6bff664-502d-4f64-bbed-4d09
        }],
        "editedDate": "2015-07-14T18:41:32.208+0000",
        "approvedDate": "2015-07-14T18:41:32.173+0000",
        "versionName": "1",
```

"launchUrl": "https://raw.githubusercontent.com/ozone-development/center-ui/master/app/images/sa
"uuid": "a7c57f89-8b86-4c43-97e0-39f659c7a069",
"isEnabled": true,
"whatIsNew": "Added languages: Arabic, Japanese, Chinese, German, French, Korean, Russian and Sp
"isFeatured": false,
"avgRate": 0.0,
"totalVotes": 0,
"totalRate5": 0,
"totalRate4": 0,
"totalRate3": 0,
"totalRate2": 0,
"totalRate1": 0,
"contacts": [],
"agency": "Test 2 Organization",
"categories": ["Media and Video",
"Tools"],
"owners": [{
    "id": 2,
    "displayName": "Test Admin 1",
    "username": "testAdmin1"
}],
"docUrls": [{
    "name": "API Documentation",
    "url": "http://www.yahoo.com"
},
{
    "name": "User Manual",
    "url": "http://www.google.com"
}],
"intents": ["application/ozp-demo-ball+json/view",
"application/ozp-demo-ball+json/edit"],
"tags": ["blue"],
"imageSmallUrl": "https://localhost:8443/marketplace/api/image/a6e3316c-bef3-4bad-a496-b1fa6f63
"imageMediumUrl": "https://localhost:8443/marketplace/api/image/f7ded6ee-61bd-4126-a91b-55ca8b8
"imageLargeUrl": "https://localhost:8443/marketplace/api/image/a7c695c2-0aff-42af-a182-717abe9d7
"imageXlargeUrl": "https://localhost:8443/marketplace/api/image/796e8d11-eb75-432a-ad89-db7a5f3
"agencyShort": "TORG2",
"currentRejection": null,
"_links": {
    "curies": {
        "href": "http://ozoneplatform.org/docs/rels/{rel}",
        "name": "ozp",
        "templated": true
    },
    "ozp:activity": {
        "href": "https://localhost:8443/marketplace/api/listing/1/activity"
    },
    "ozp:required": {
        "href": "https://localhost:8443/marketplace/api/listing/1/requiredListings"
    },
    "ozp:required-by": {
        "href": "https://localhost:8443/marketplace/api/listing/1/requiringListings"
    },
    "ozp:review": {

```
            "href": "https://localhost:8443/marketplace/api/listing/1/itemComment"
        },
        "self": {
            "href": "https://localhost:8443/marketplace/api/listing/1"
        }
    }
}],
    "_links": {
        "self": {
            "href": "https://localhost:8443/marketplace/api/storefront"
        }
    }
}
}
```

Requirements

Possible Errors

This table lists common errors. Other errors may occur but these are the most likely:

Error Code
Error
Troubleshooting

400
Create or Delete
The storefront API only GETs data. You cannot create, update or delete it.