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Configuration API

Last Modified on 06/23/2020 2:19 pm PDT

API endpoints for managing:

- Identity Cloud applications and API clients.
 - Flows and flow components, including forms, fields, screens, and transactional emails.
 - User profile databases (entity types) and schema attributes.
-

Configuration API: EntityType

Last Modified on 06/23/2020 6:52 am PDT

View information about your entity types (user profile databases) and your entity type schemas.

Endpoint	Methods
/config/{appld}/entityTypes View basic information about all your entity types.	• GET
/config/{appld}/entityTypes/{entityType} View basic information about the specified entity type.	• GET
/config/{appld}/entityTypes/{entityType}/attributes View detailed information about all the attributes found in the specified entity type schema.	• GET
/config/{appld}/entityTypes/{entityType}/attributes/{attribute} View detailed information about the specified entity type attribute.	• GET

/config/{appId}/entityTypes

Last Modified on 05/22/2020 7:01 am PDT

Returns information about the entity types associated with an application. In addition to that, you can use the POST method to create a new entity type.

This endpoint includes the following methods:

- GET

GET

Returns information about all the entity types associated with an application.

Authentication

This endpoint supports Basic authentication.

[How to Create an Authentication](#)

Base URL

The base URL for this endpoint is your Configuration API domain followed by **/config/** followed by your application ID. For example, if you are in the US region and your application ID is `htb8fuhxnf8e38jrzub3c7pfr`, then your base URL would be:

```
https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfr
```

Allowed regions are:

- us
- eu
- au
- sa
- cn
- sg

Sample Request (curl)

This command returns information about all the entity types associated with the application `htb8fuhxnf8e38jrzub3c7pfr`.

```
curl -G \  
  -H 'Authorization: Basic c2dueXZ1czZwYzRqbTdraHIybmVxNWdzODlnYnIyZXE6d3Q0YzN1bj13a2  
tjZnZ5a25xeDQ0eW5jNdc2YWZzNjg' \  
  https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes
```

Copy to Clipboard

Running this command in

Responses

200 OK

If your API call succeeds, you'll get back information about each of your entity types:

```
[  
  {  
    "_self": "/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes/Test",  
    "name": "Test"  
  },  
  {  
    "_self": "/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes/user",  
    "name": "user"  
  }  
]
```

Error Codes

The following table includes information about some of the error codes that you could encounter when calling this endpoint.

Error Code	Description
401/403	<p>Error Message: Authentication required.</p> <p>You either failed to provide credentials or provided invalid credentials. This endpoint requires Basic authentication.</p>
404	<p>Error Message: Application ID not found.</p> <p>You did not provide a valid application ID.</p>

If you encounter an error when calling this endpoint that error message will look similar to this:

```
{  
  "errors": "Authentication required."  
}
```

/config/{appId}/entityTypes/{entityType}

Last Modified on 05/22/2020 7:30 am PDT

Returns information about a specific entity type (user profile data store).

Note. You cannot use this endpoint to modify an entity type; that is, this endpoint cannot add, delete, or modify the attributes that make up an entity type. To work with attributes use the [/config/{appl}/entityTypes/{entityType}/attributes/{attribute}](#) endpoint.

This endpoint includes the following methods:

- GET

GET

Description

Returns information about the specified entity type.

Authentication

This endpoint supports Basic authentication.

[How to Create an Authentication](#)

Base URL

The base URL for this endpoint is your Configuration API domain followed by **/config/** followed by your application ID. For example, if you are in the US region and your application ID is htb8fuhxnf8e38jrzub3c7pfr, then your base URL would be:

```
https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfr
```

Allowed regions are:

- us
- eu
- au
- sa
- cn
- sg

Sample Request (curl)

This command returns information about the `user` entity type associated with the application `htb8fuhxnf8e38jrzub3c7pfr`.

```
curl -G \  
-H 'Authorization: Basic c2dueXZ1czZwYzRqbTdraHIybmVxNWdzODlnYnIyZXE6d3Q0YzN1bj13a2tjZnZ5a25xeDQ0eW5jNDc2YWZzNjg' \  
https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfr/entityTypes/user
```

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Running this command in

Responses

200 OK

If your API call succeeds you will get back information about the specified entity type. The information consists of two relative URLs:

- `_self`, the URL of the entity type itself.
- `_attributes`, the URL used for managing the attributes associated with the entity type.

For example:

```
{  
  "_self": "/config/htb8fuhxnf8e38jrzub3c7pfr/entityTypes/test",  
  "_attributes": "/config/htb8fuhxnf8e38jrzub3c7pfr/entityTypes/test/attributes"  
}
```

Error Codes

The following table includes information about some of the error codes that you could encounter when calling this endpoint.

Error Code	Description
401/403	<p>Error Message: Authentication required.</p> <p>You either failed to provide credentials or provided invalid credentials. This endpoint requires Basic authentication.</p>

404

Error Message: Application ID not found.

You did not provide a valid application ID.

If you encounter an error when calling this endpoint your error message will look similar to this:

```
{  
  "errors": "Authentication required."  
}
```

/config/{appId}/entityTypes/{entityType}/attributes

Last Modified on 05/21/2020 9:55 pm PDT

Returns detailed information about each attribute in an entity type, including the attribute name and datatype. Attributes are the individual fields that make up an entity type schema.

This endpoint includes the following methods:

- GET

GET

Returns information about all the attributes associated with the specified entity type.

Authentication

This endpoint supports Basic authentication.

[How to Create an Authentication](#)

Base URL

The base URL for this endpoint is your Configuration API domain followed by **/config/** followed by your application ID. For example, if you are in the US region and your application ID is `htb8fuhxnf8e38jrzub3c7pfr`, then your base URL would be:

```
https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfr
```

Allowed regions are:

- us
- eu
- au
- sa
- cn
- sg

Sample Request (curl)

This command returns the all attributes associated with the `user` entity type and the application `htb8fuhxnf8e38jrzub3c7pfr`.

```
curl -G \  
  -H 'Authorization: Basic c2dueXZlczZwYzRqbTdraHIybmVxNWdzODlnYnIyZXE6d3Q0YzN1bj13a2tjZnZ5a25xeDQ0eW5jNdc2YWZzNjg' \  
  https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes/user/attributes
```

Copy to Clipboard

Running this command in

Responses

200 OK

If your call to this endpoint succeeds, you'll get back information for each attribute in the specified entity type. For more information about the attribute properties returned by the call, see [Viewing Schema Information](#):

```
{  
  "_self": "/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes/user/attributes",  
  "attributes": [  
    {  
      "_self": "/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes/user/attributes/id",  
      "required": false,  
      "description": "simple identifier for this entity",  
      "reverse-query": false,  
      "ignore-update": null,  
      "query": false,  
      "unique": false,  
      "case-sensitive": null,  
      "name": "id",  
      "locally-unique": false,  
      "default": null,  
      "primary-key": false,  
      "length": null,  
      "type": "id"  
    },  
  ],  
}
```

Error Codes

The following table includes information about some of the error codes that you could encounter when calling this endpoint.

Error Code	Description

401/403	<p>Error Message: Authentication required.</p> <p>You either failed to provide credentials or provided invalid credentials. This endpoint requires Basic authentication.</p>
404	<p>Error Message: Application ID not found.</p> <p>You did not provide a valid application ID.</p>

If you encounter an error when calling this endpoint that error message will look similar to this:

```
{  
  "errors": "Authentication required."  
}
```

/config/{appId}/entityTypes/{entityType}/attributes/{attrib

Last Modified on 05/21/2020 9:55 pm PDT

Returns detailed information about a specified attribute, including the attribute name and datatype. Attributes are the individual fields that make up an entity type schema.

This endpoint includes the following methods:

- GET

GET

Returns information about the specified attribute.

Authentication

This endpoint supports Basic authentication.

[How to Create an Authentication](#)

Base URL

The base URL for this endpoint is your Configuration API domain followed by **/config/** followed by your application ID. For example, if you are in the US region and your application ID is htb8fuhxnf8e38jrzub3c7pfrr, then your base URL would be:

```
https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfrr
```

Allowed regions are:

- us
- eu
- au
- sa
- cn
- sg

Sample Request (curl)

This command returns detailed information about the **displayName** attribute found in the **user** entity type.

```
curl -G \  
  -H 'Authorization: Basic c2dueXZ1czZwYzRqbTdraHIybmVxNWdzODlnYnIyZXE6d3Q0YzN1bj13a2tjZnZ5a25xeDQ0eW5jNDc2YWZzNjg'\ \  
  https://v1.api.us.janrain.com/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes/user/attributes/displayName
```

[Copy to Clipboard](#)

[Running this command in](#)

Responses

200 OK

If your call to this endpoint succeeds, you'll get back information for the specified attribute:

```
{
  "_self": "/config/htb8fuhxnf8e38jrzub3c7pfrr/entityTypes/user/attributes/displayName",
  "required": false
  "description": "The name of this Contact, suitable for display to end-users.",
  "reverse-query": false,
  "ignore-update": null,
  "query": true,
  "unique": false,
  "case-sensitive": false,
  "name": "displayName",
  "locally-unique": false,
  "default": null,
  "primary-key": false,
  "length": 1000,
  "type": "string"
}
```

Error Codes

The following table includes information about some of the error codes that you could encounter when calling this endpoint.

Error Code	Description
401/403	Error Message: Authentication required. You either failed to provide credentials or provided invalid credentials. This endpoint requires Basic authentication.
404	Error Message: Application ID not found. You did not provide a valid application ID.

If you encounter an error when calling this endpoint that error message will look similar to this:

```
{
  "errors": "Authentication required."
}
```

