

Get or Create User by Foreign ID

Endpoint

URL: `/:projectId/users/by-foreign-id`

Method: `GET`

Authentication Required: No

Description

Fetches a user by their `foreignId`. If no user exists, creates a new one. Also updates existing users if provided data differs.

Request

Query Parameters

Parameter	Type	Required	Description
<code>foreignId</code>	<code>string</code>	Yes	A unique external user identifier.
<code>name</code>	<code>string</code>	No	User's display name.
<code>username</code>	<code>string</code>	No	User's handle.
<code>avatar</code>	<code>string</code>	No	URL to the user's avatar image.
<code>bio</code>	<code>string</code>	No	User bio or description.
<code>metadata</code>	<code>string</code> (JSON)	No	JSON string of additional user metadata.

Parameter	Type	Required	Description
secureMetadata	string (JSON)	No	JSON string of secure metadata (not returned in response).

Example Request

```
GET /proj1234/users/by-foreign-id?foreignId=abc123&name=Jane&username=janedoe&metadata={"
```

Response

Success Response (200 OK or 201 Created)

```
{
  "user": {
    "id": "67890",
    "projectId": "12345",
    "foreignId": "abc123",
    "name": "Jane",
    "username": "janedoe",
    "avatar": "https://example.com/avatar.jpg",
    "bio": "Software Engineer",
    "birthdate": null,
    "reputation": 0,
    "location": null,
    "suspension": {
      "isSuspended": false,
      "reason": null,
      "startDate": null,
      "endDate": null
    },
    "metadata": {
      "lang": "en"
    },
    "createdAt": "2024-01-01T12:00:00.000Z",
    "updatedAt": "2024-02-01T12:00:00.000Z"
  },
  "created": true,
  "updated": false
}
```

Error Responses

Missing or Invalid Foreign ID (400 Bad Request)

```
{
  "error": "Missing or invalid foreign user ID.",
  "code": "user/invalid-identifier"
}
```

Server Error (500 Internal Server Error)

```
{
  "error": "Internal server error",
  "code": "user/server-error",
  "details": "<Error message>"
}
```

Notes

- This endpoint is useful when managing users from external systems.
- `secureMetadata` is accepted and used for updates, but never returned.
- The response includes `created` and `updated` flags to indicate what occurred.

Last updated on May 11, 2025