User Management

# URL

<https://reqres.in/>

# Introduction

The API documentation contains technical information for RESTful APIs in accordance with user management. You can create a new user and/or manage the existing users to the REQRES application. You can use the below APIs which explain about all RESTful operations (CRUD operations), including their request and response parameters.  
This application has two pages and each page contains 6 users. In this way, there are total 12 users who already exist in this application.

# Resource URL

**GET** <https://reqres.in/api/users?page=2> Find users by page

This API is used to retrieve the user details who are listed on page 2.

## Query Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| page | The numbering of the page to filter users listed on page 2 | integer | Required |  |

## Headers

|  |  |  |  |
| --- | --- | --- | --- |
| Header Name | Description | Required | Values |
| Content-Type | The format of data to be posed | Optional | application/json or application.xml. The default format is application/json |
| Accept | The format of data to be returned | Optional | application/json or application.xml. The default format is application/json |

## Output Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Description | Required | Values |
| Content-Type | The format of data to be posed | Optional | application/json or application.xml. The default format is application/json |

## Sample Response

|  |
| --- |
| {  "page": 2,  "per\_page": 6,  "total": 12,  "total\_pages": 2,  "data": [  {  "id": 7,  "email": "michael.lawson@reqres.in",  "first\_name": "Michael",  "last\_name": "Lawson",  "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/follettkyle/128.jpg"  },  {  "id": 8,  "email": "lindsay.ferguson@reqres.in",  "first\_name": "Lindsay",  "last\_name": "Ferguson",  "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/araa3185/128.jpg"  },  {  "id": 9,  "email": "tobias.funke@reqres.in",  "first\_name": "Tobias",  "last\_name": "Funke",  "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/vivekprvr/128.jpg"  },  {  "id": 10,  "email": "byron.fields@reqres.in",  "first\_name": "Byron",  "last\_name": "Fields",  "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/russoedu/128.jpg"  },  {  "id": 11,  "email": "george.edwards@reqres.in",  "first\_name": "George",  "last\_name": "Edwards",  "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/mrmoiree/128.jpg"  },  {  "id": 12,  "email": "rachel.howell@reqres.in",  "first\_name": "Rachel",  "last\_name": "Howell",  "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/hebertialmeida/128.jpg"  }  ],  "ad": {  "company": "StatusCode Weekly",  "url": "http://statuscode.org/",  "text": "A weekly newsletter focusing on software development, infrastructure, the server, performance, and the stack end of things."  }  } |

# Resource URL

**GET** <https://reqres.in/api/users?id=3> Find a user by Id

This API returns details of a user specific to the Id.

## Query Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| Id (query) | A unique identifier that represents a user | integer | Required |  |

## Headers

|  |  |  |  |
| --- | --- | --- | --- |
| Header Name | Description | Required | Values |
| Content-Type | The format of data to be posed | Optional | application/json or application.xml. The default format is application/json |
| Accept | The format of data to be returned | Optional | application/json or application.xml. The default format is application/json |

## Output Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | | Description | Type |
| data | | A list of user data in columns | Array of user details |
|  | **id** | Unique identifier for the user | Integer |
|  | **email** | The email address of the user | String |
|  | **First\_name** | The first name of the user | String |
|  | **Last\_name** | The last name of the user | String |

## Sample Response

|  |
| --- |
| {  "data": {  "id": 3,  "email": "emma.wong@reqres.in",  "first\_name": "Emma",  "last\_name": "Wong",  "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/olegpogodaev/128.jpg"  },  "ad": {  "company": "StatusCode Weekly",  "url": "http://statuscode.org/",  "text": "A weekly newsletter focusing on software development, infrastructure, the server, performance, and the stack end of things."  }  } |

# Resource URL

**POST** <https://reqres.in/api/users> Create a new user

This API creates a new user into the database.

## Input Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| name | Name of the user to be created | string | Required |  |
| job | A job type of the user | string | Optional |  |

## Headers

|  |  |  |  |
| --- | --- | --- | --- |
| Header Name | Description | Required | Values |
| Content-Type | The format of data to be posed | Optional | application/json or application.xml. The default format is application/json |
| Accept | The format of data to be returned | Optional | application/json or application.xml. The default format is application/json |

## Sample Request

|  |
| --- |
| {  "name": "Adam",  "job": "team lead"  } |

## Output Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| id | Unique identifier for user. | string | Required |  |
| createdAt | Date and time of the user creation | string | Optional | The default date-time format is YYYY-MM-DD'T'HH:MM:SS. The local time is in UTC. |

## Sample Response

|  |
| --- |
| {  "id": "442",  "createdAt": "2020-05-13T06:16:51.896Z"  } |

# Resource URL

**PUT** <https://reqres.in/api/users?id=8&first_name=Lindsay> Update last name of user

This API updates the last name of a user whose Id is 8 and first name is Lindsay.

## Query Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| Id | Unique identifier that represents a user | integer | Required |  |
| first\_name | First name of the user | string | Optional |  |

## Header Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Header Name | Description | Required | Values |
| Content-Type | The format of data to be posed | Optional | application/json or application.xml. The default format is application/json |
| Accept | The format of data to be returned | Optional | application/json or application.xml. The default format is application/json |

## Input Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| last\_name | Last name of the user to be changed | integer | Required |  |

## Sample Request

|  |
| --- |
| {  "last\_name": "Colon"  } |

## Output Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Element | Description | Type | Required | Notes |
| updatedAt | Date and time when user details got updated | string | Required | The default date-time format is YYYY-MM-DD'T'HH:MM:SS. The local time is in UTC. |

## Sample Response

|  |
| --- |
| {  "updatedAt": "2020-05-13T06:19:50.633Z"  } |

# Status Codes and Errors

The following table lists the returned HTTP status codes.

|  |  |  |
| --- | --- | --- |
| Code | Description | Notes |
| 200 | OK | Success |
| 201 | Created | User is successfully created |
| 401 | Unauthorized | The access token is invalid |
| 404 | Not found | The user Id not found |
| 500 | Server Error | Internal Server Error |