

# Users:

GET: /users

Description: Get all the users

Example: <http://example.com/users>

200 OK

```
{
  "data" : [
    {
      "id" : "karan_arora",
      "attributes" : {
        "name" : "Karan Arora",
        "email" : "karan.arora@comprotechnologies.com"
      }
    },
    {
      "id" : "karan_arora2",
      "attributes" : {
        "name" : "Karan Arora2",
        "email" : "karan.arora2@comprotechnologies.com"
      }
    }
  ]
}
```

GET: /users/{userid}

Description: Get particular user by userid.

Example : [http://example.com/users/karan\\_arora](http://example.com/users/karan_arora)

200 OK

```
{
  "id" : "karan_arora",
  "attributes" : {
    "name" : "Karan Arora",
    "email" : "karan.arora@comprotechnologies.com"
  }
}
```

404 Not Found

POST /users

Description: Create a new user

Example :

POST <http://example.com/users>

```
{
  "id": "karan_arora",
  "attributes": {
    "name": "Karan Arora",
    "email": "karan.arora@comprotechnologies.com"
  }
}
```

Response

200 OK

```
{
  "id" : "karan_arora",
  "attributes" : {
    "name" : "Karan Arora",
    "email" : "karan.arora@comprotechnologies.com"
  }
}
```

400 Bad Request

409 Conflict // User with same id / email already exist.

## PUT </users/{userid}>

Description: Update detail of an user

Example:

PUT [http://example.com/users/karan\\_arora](http://example.com/users/karan_arora)

```
{
  "attributes": {
    "name": "Karan Arora", (optional)
    "mail": "karan.arora@comprotechnologies.com" (optional)
  }
}
```

200 OK

```
{
  "status": "in-process"
}
```

404 Not Found

## DELETE </users/{userid}>

Description: Delete an user

Example:

DELETE [http://example.com/users/karan\\_arora](http://example.com/users/karan_arora)

```
{
  "id" : "karan_arora"
}
```

200 OK

```
{
  "status": "in-process"
}
```

```
}  
404 Not Found
```

## NOTES:

### GET /notes

Description: Get all notes

Example:

GET <http://example.com/notes>

200 OK

```
{  
  "data" : [  
    {  
      "id" : "note1",  
      "attributes" : {  
        "authorid" : "karan_arora",  
        "created" : "231454"  
      }  
    },  
    {  
      "id" : "note2",  
      "attributes" : {  
        "authorid" : "karan_arora2",  
        "created" : "231451234"  
      }  
    }  
  ]  
}
```

### GET /users/{userid}/notes

Description: Get all notes of an user

Example:

GET [http://example.com/users/karan\\_arora/notes](http://example.com/users/karan_arora/notes)

200 OK

```
{  
  "data" : [  
    {  
      "id" : "note1",  
      "attributes" : {  
        "authorid" : "karan_arora",  
        "created" : "231454"  
      }  
    },  
    {  

```

```
    "id" : "note2",
    "attributes" : {
      "authorid" : "karan_arora",
      "created" : "231451234"
    }
  }
]
}
404 Not Found
```

## GET /notes/{noteid}

Description : Get a note

Example:

GET <http://example.com/notes/note1>

200 OK

```
{
  "id": "note1",
  "attributes": {
    "authorid": "karan_arora",
    "created": "231454",
    "title" : "Hello World",
    "content" : "We don't need any programming language to say hello world. :)"
  }
}
404 Not Found
```

## POST /users/{userid}/notes

Description: Create new note of an user

Example:

POST [http://example.com/users/karan\\_arora/notes](http://example.com/users/karan_arora/notes)

```
{
  "id": "karan_arora",
  "attributes": {
    "title": "Health is Wealth",
    "content": "Wealth is everything. Ignore health."
  }
}
200 OK
{
  "selflink": "http://example.com/note/note1",
  "data": {
    "id": "note1",
    "attributes": {
      "authorid": "karan_arora",
      "created": "231454",
      "title" : "Hello World",

```

```
    "content" : "We don't need any programming language to say hello world. :)"
  }
}
}
404 Not Found
409 Conflict // User with same id / email already exist.
```

## PUT /users/{userid}/notes/{noteid}

Description : Update a note of an user

Example:

PUT [http://example.com/users/karan\\_arora/notes/note1](http://example.com/users/karan_arora/notes/note1)

```
{
  "attributes": {
    "title": "Health is Wealth", (optional)
    "content": "Wealth is everything. Ignore health." (optional)
  }
}
200 OK
{
  "Status": "in-process"
}
404 Not Found
403 Forbidden
```

## DELETE /users/{userid}/notes/{noteid}

Description: Delete a note of an user.

Example:

DELETE [http://example.com/users/karan\\_arora/notes/note1](http://example.com/users/karan_arora/notes/note1)

```
{
  "id": "karan_arora"
}
404 Not Found
```

## COMMENTS:

### GET /notes/{noteid}/comments

Description: Get comments of a note

Example:

GET <http://example.com/notes/note1/comments>

```
200 OK
{
```

```
"data": [  
  {  
    "id": "comment1",  
    "attributes": {  
      "created": "43561",  
      "authorId": "karan_arora",  
      "content": "Need to comment."  
    }  
  },  
  {  
    "id": "comment2",  
    "attributes": {  
      "created": "4243561",  
      "authorId": "karan_arora2",  
      "content": "Why.?"  
    }  
  }  
]  
}
```

404 Not Found

## POST /notes/{noteid}/comments

Description : Comment on a note.

POST <http://example.com/notes/note1/comments>

```
{  
  "id": "karan_arora",  
  "attributes" : {  
    "content" : "Hi World"  
  }  
}
```

200 OK

```
{  
  "id": "comment1",  
  "attributes": {  
    "noteid": "note1",  
    "created": "23456654",  
    "modified": "23456654",  
    "content": "Hi World",  
    "authorid": "karan_arora"  
  }  
}
```

404 Not Found

## PUT /notes/{noteid}/comments/{commentid}

Description: Update a comment on a note

PUT <http://example.com/notes/note1/comments/comment1>

```
{
  "attributes" : {
    "content": "New Content"
  }
}
200 OK
{
  "status": "in-progress"
}
404 Not Found
```

## DELETE `/notes/{noteid}/comments/{commentid}`

Description: Delete a comment on a note

DELETE <http://example.com/notes/note1/comments/comment1>

```
{
  "id": "karan_arora"
}
200 OK
{
  "status": "in-progress"
}
404 Not Found
```

## GET `/notes/{noteid}/comments/{commentid}`

Description: Get comments on a note

GET <http://example.com/notes/note1/comments>

```
{
  "id": "comment1",
  "attributes": {
    "noteid": "note1",
    "created": "23456654",
    "modified": "23456654",
    "content": "Hi World",
    "authorid": "karan_arora"
  }
}
404 Not Found
```

## GET `/users/{userid}/notes/{noteid}/comments`

Description: Get all comments of a user in a note.

Example:

GET [http://user/karan\\_arora/notes/note1/comments](http://user/karan_arora/notes/note1/comments)

200 OK

```
{
  "data": [
    {
      "id": "comment1",
      "attributes": {
        "noteid": "note1",
        "created": "23456654",
        "modified": "23456654",
        "content": "Hi World",
        "authorid": "karan_arora"
      }
    },
    {
      "id": "comment2",
      "attributes": {
        "noteid": "note1",
        "created": "234566654",
        "modified": "23467654",
        "content": "Hi World 2",
        "authorid": "karan_arora"
      }
    }
  ]
}
```

404 Not Found