

Requests are possible for:

- *Note objects:*

```
"note": {  
  "id": "Tm90ZVR5cGU6MTI3ODI=",  
  "noteText": "text text1 etxt",  
  "noteName": "NAME_NAME",  
  "noteCreated": "2021-09-29"  
}
```

- *id*: identifies the note
- *noteText*: the text that the given note contains
- *noteName*: the name of the note (its header)
- *noteCreated*: when the note was created

- *User preferences objects:*

```
"userPreferences": {  
  "id": "VXNlclByZWZlcmVuY2VzVHlwZTo0",  
  "noteColorPreference": "RE",  
  "noteNamePreference": "NOW",  
  "userInfo": {  
    "id": "VXNlckluZm9UeXB0jQ=",  
    "userMail": "fourth_mail@mail.ru",  
    "userChosenName": "fourth"  
  }  
}
```

- *id*: identifies the preference
- *noteColorPreference*: preferred color (one of Note.COLOR enum value)
- *noteNamePreference*: preferred note name
- *userInfo*: contains information about user who these preferences belong to

- *User info objects:*

```
"userInfo": {  
  "id": "VXNlckluZm9UeXB0jE=",  
  "userPreferences": {  
    "id": "VXNlclByZWZlcmVuY2VzVHlwZTox",  
    "noteColorPreference": "BL",  
    "noteNamePreference": "TODAY"  
  },  
  "userMail": "first_mail@mail.ru",  
  "userChosenName": "first",  
  "user": {  
    "id": "VXNlclR5cGU6MQ=="  
  }  
}
```

- *id*: identifies the user info
- *userPreferences*: contains information about preferences of the user who this userInfo belongs to
- *userMail*: user email address
- *userChosenName*: the name that the user chose to be seen under
- *user*: contains information about the user who this userInfo belongs to

- *User objects*

```

"user": {
  "id": "VXNlcLR5cGU6MQ==",
  "userInfo": {
    "id": "VXNlcklmZm9UeXB0jE=",
    "userPreferences": {
      "id": "VXNlcByZWZlcmVuY2VzVHlwZT0x"
    },
    "userMail": "first_mail@mail.ru",
    "userChosenName": "first",
    "user": {
      "id": "VXNlcLR5cGU6MQ=="
    }
  }
}

```

- *id*: identifies the user
- *userInfo*: contains information about user

Requests for particular object by its ID:

Use *object(id: "some_id")* where object is either *note*, *userPreferences*, *userInfo* or *user*.

e.g.

GraphQL
Prettify
Merge
Copy
History
Docs

```

1 {
2   user(id: "VXNlcLR5cGU6MQ==") {
3     id
4     userInfo {
5       id
6       userPreferences {
7         id
8       }
9       userMail
10      userChosenName
11      user {
12        id
13      }
14    }
15  }
16 }
17

```

```

{
  "data": {
    "user": {
      "id": "VXNlcLR5cGU6MQ==",
      "userInfo": {
        "id": "VXNlcklmZm9UeXB0jE=",
        "userPreferences": {
          "id": "VXNlcByZWZlcmVuY2VzVHlwZT0x"
        },
        "userMail": "first_mail@mail.ru",
        "userChosenName": "first",
        "user": {
          "id": "VXNlcLR5cGU6MQ=="
        }
      }
    }
  }
}

```

QUERY VARIABLES

REQUEST HEADERS

Requests for all objects:

Use *allObjects* where *allObjects* is either *allNotes*, *allUserPreferences*, *allUserInfo* or *allUsers*, e.g.

GraphQL

Prettify

Merge

Copy

History

< Docs

1 {
2 allNotes {
3 edges {
4 node {
5 id
6 noteText
7 noteName
8 noteCreated
9 }
10 }
11 }
12 }
13 }

{
 "data": {
 "allNotes": {
 "edges": [
 {
 "node": {
 "id": "Tm90ZVR5cGU6MTI3ODI=",
 "noteText": "text text1 etxt",
 "noteName": "NAME_NAME",
 "noteCreated": "2021-09-29"
 }
 },
 {
 "node": {
 "id": "Tm90ZVR5cGU6MTI3ODM=",
 "noteText": "hello dear friend",
 "noteName": "NAME_NAME",
 "noteCreated": "2021-09-29"
 }
 },
 {
 "node": {
 "id": "Tm90ZVR5cGU6MTI3ODQ=",
 "noteText": "hello dear text",
 "noteName": "NAME_NAME",
 "noteCreated": "2021-09-29"
 }
 }
]
 }
 }
}

QUERY VARIABLES

REQUEST HEADERS

Requests for filtered objects:

Use `allObjects(filtering_field: "value")` where

- Notes:
 - `allObjects == allNotes`
 - `filtering_field` can only be `noteName`
- UserPreferences:
 - `allObjects == allUserPreferences`
 - `filtering field` can be `noteColorPreference` or `noteNamePreference`
- UserInfo:
 - `allObjects == allUserInfo`
 - `filtering field` can be `userMail` or `userChosenName`

Examples:

The screenshot shows the GraphQL Playground interface. The query on the left is:

```
1 {
2   allUserPreferences(noteNamePreference: "NOW") {
3     edges {
4       node {
5         id
6         noteColorPreference
7         noteNamePreference
8         userInfo {
9           id
10          userMail
11        }
12      }
13    }
14  }
15 }
```

The response on the right is a JSON object:

```
{
  "data": {
    "allUserPreferences": {
      "edges": [
        {
          "node": {
            "id": "VXNlclByZWZlcmVuY2VzVHlwZToy",
            "noteColorPreference": "GR",
            "noteNamePreference": "NOW",
            "userInfo": {
              "id": "VXNlckluZm9UeXB0jI=",
              "userMail": "second_mail@mail.ru"
            }
          }
        },
        {
          "node": {
            "id": "VXNlclByZWZlcmVuY2VzVHlwZToz",
            "noteColorPreference": "GR",
            "noteNamePreference": "NOW",
            "userInfo": {
              "id": "VXNlckluZm9UeXB0jM=",
              "userMail": "third_mail@mail.ru"
            }
          }
        },
        {
          "node": {
            "id": "VXNlclByZWZlcmVuY2VzVHlwZTo0",
            "noteColorPreference": "RE",
            "noteNamePreference": "NOW",
            "userInfo": {
              "id": "VXNlckluZm9UeXB0jQ=",
              "userMail": "fourth_mail@mail.ru"
            }
          }
        }
      ]
    }
  }
}
```

The screenshot shows the GraphQL Playground interface. The query on the left is:

```
1 {
2   allUserPreferences(noteColorPreference: "RE") {
3     edges {
4       node {
5         id
6         noteColorPreference
7         noteNamePreference
8         userInfo {
9           id
10          userMail
11        }
12      }
13    }
14  }
15 }
```

The response on the right is a JSON object:

```
{
  "data": {
    "allUserPreferences": {
      "edges": [
        {
          "node": {
            "id": "VXNlclByZWZlcmVuY2VzVHlwZTo0",
            "noteColorPreference": "RE",
            "noteNamePreference": "NOW",
            "userInfo": {
              "id": "VXNlckluZm9UeXB0jQ=",
              "userMail": "fourth_mail@mail.ru"
            }
          }
        }
      ]
    }
  }
}
```