Sector   1.0.0   OAS 3.0

/v1/swagger.json

The Rest-like API for the Sector application.

Misc. ∧

| GET | **/v1/api/** Root Endpoint | ∧ |

Parameters   **Cancel**

No parameters

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:3000/v1/api/' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:3000/v1/api/
```

Server response

Code	Details

200

Response body

```
{
  "message": "Hello, World!"
}
```
Download

Response headers

```
content-length: 28
content-type: application/json
date: Tue,04 Mar 2025 00:24:58 GMT
```

Code	Details
	vary: Origin

Responses

Code	Description	Links
200	Success	*No links*

Media type

application/json

Controls Accept header.

Example Value   Schema

{}

GET   **/v1/api/health**   Health Check   ∧

Parameters   **Cancel**

No parameters

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:3000/v1/api/health' \
  -H 'accept: text/plain'
```

Request URL

```
http://localhost:3000/v1/api/health
```

Server response

Code	Details
200	**Response headers**
	content-length: 0
	date: Tue,04 Mar 2025 00:25:02 GMT

Code	Details
	vary: Origin

Responses

Code	Description	Links
200	API is healthy	*No links*

Media type

<div>text/plain</div>

Controls Accept header.

Example Value   Schema

```
string
```

Account   ⌃

<div>POST   /v1/api/account/   Create an account   ⌃</div>

Parameters   <div>Try it out</div>

No parameters

Request body ^{required}   <div>application/json</div>

Account details to add.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.729Z",
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "profile_pic": "string",
  "username": "John Doe"
}
```

Responses

Code	Description	Links
201	Account creation successful.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.730Z",
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "profile_pic": "string",
  "username": "John Doe"
}
```

POST   `/v1/api/account/search` Search for accounts satisfying various properties.   ⌃

Parameters   **Try it out**

No parameters

Request body required   **application/json**
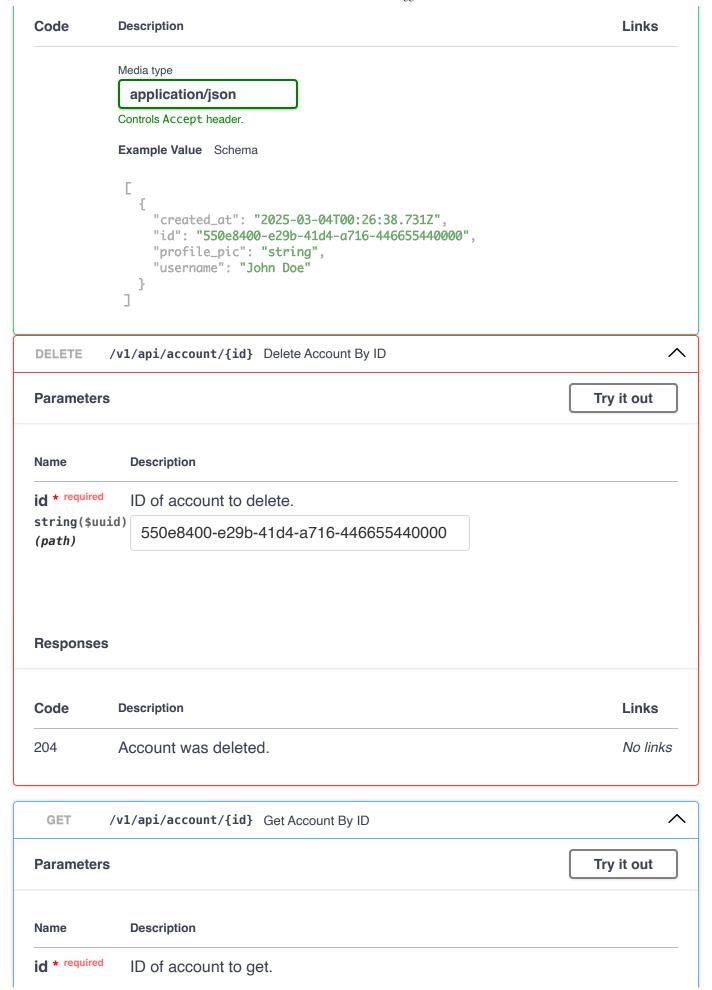
Account searching parameters.

Example Value   Schema

```
{
  "from": "2025-03-04T00:26:38.730Z",
  "ids": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "until": "2025-03-04T00:26:38.730Z",
  "username": "string"
}
```

Responses

Code	Description	Links
200	Query completed successfully.	*No links*

Code	Description		Links

Media type

application/json

Controls `Accept` header.

Example Value Schema

```
[
  {
    "created_at": "2025-03-04T00:26:38.731Z",
    "id": "550e8400-e29b-41d4-a716-446655440000",
    "profile_pic": "string",
    "username": "John Doe"
  }
]
```

DELETE **/v1/api/account/{id}** Delete Account By ID   ∧

Parameters   [Try it out]

Name	Description
id * required **string($uuid)** **(path)**	ID of account to delete. 550e8400-e29b-41d4-a716-446655440000

Responses

Code	Description	Links
204	Account was deleted.	*No links*

GET **/v1/api/account/{id}** Get Account By ID   ∧

Parameters   [Try it out]

Name	Description
id * required	ID of account to get.

Name	Description

string($uuid)
(path)

550e8400-e29b-41d4-a716-446655440000

Responses

Code	Description	Links
200	Account with specified ID.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.732Z",
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "profile_pic": "string",
  "username": "John Doe"
}
```

PUT   **/v1/api/account/{id}** Update Account By ID   ∧

Parameters   Try it out

Name	Description

id * required
string($uuid)
(path)

ID of account to update.

550e8400-e29b-41d4-a716-446655440000

Request body required   application/json

Account details to add.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.733Z",
  "id": "550e8400-e29b-41d4-a716-446655440000",
```

```
    "profile_pic": "string",
    "username": "John Doe"
}
```

Responses

Code	Description	Links
200	Updated account with specified ID.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
    "created_at": "2025-03-04T00:26:38.733Z",
    "id": "550e8400-e29b-41d4-a716-446655440000",
    "profile_pic": "string",
    "username": "John Doe"
}
```

Channel ∧

| POST | /v1/api/channel/search | Search for channels satisfying various properties. | ∧ |

Parameters   Try it out

No parameters

Request body required   application/json

Channel searching parameters.

Example Value   Schema

```
{
    "from": "2025-03-04T00:26:38.734Z",
    "id": [
        "3fa85f64-5717-4562-b3fc-2c963f66afa6"
    ],
    "name": "Main",
```

```
    "until": "2025-03-04T00:26:38.734Z"
  }
```

Responses

Code	Description	Links
200	Query completed successfully.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
[
  {
    "created_at": "2025-03-04T00:26:38.735Z",
    "description": "General conversations go here.",
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "messages": [
      "3fa85f64-5717-4562-b3fc-2c963f66afa6"
    ],
    "name": "Main",
    "pinned_messages": [
      "3fa85f64-5717-4562-b3fc-2c963f66afa6"
    ]
  }
]
```

POST   **/v1/api/group/{groupId}/channel/**   Create a channel within a group   ∧

Parameters

Try it out

Name	Description
groupId * required string($uuid) *(path)*	ID of group to make channel for. [groupId]

Request body required   application/json

Channel details to add.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.736Z",
  "description": "General conversations go here.",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "name": "Main",
  "pinned_messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ]
}
```

Responses

Code	Description	Links
201	Channel creation successful.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.736Z",
  "description": "General conversations go here.",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "name": "Main",
  "pinned_messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ]
}
```

DELETE   **/v1/api/group/{groupId}/channel/{channelId}**   Delete Channel in Group By ID   ∧

Parameters   Try it out

Name	Description
groupId * required **string($uuid)**	ID of group to delete channel from.

Name	Description
(path)	groupId

channelId * required

ID of channel to delete.

string($uuid)
(path)

channelId

Responses

Code	Description	Links
204	Channel with specified ID deleted.	*No links*

| GET | **/v1/api/group/{groupId}/channel/{channelId}** Get Channel in Group By ID | ⌃ |

Parameters   Try it out

Name	Description
groupId * required	ID of group to get channel from.

string($uuid)
(path)

groupId

channelId * required

ID of channel to get.

string($uuid)
(path)

channelId

Responses

Code	Description	Links
200	Channel with specified ID.	*No links*

Media type

application/json

Controls `Accept` header.

Code	Description	Links

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.738Z",
  "description": "General conversations go here.",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "name": "Main",
  "pinned_messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ]
}
```

PUT   **/v1/api/group/{groupId}/channel/{channelId}**   Update Channel in Group By ID   ∧

Parameters   Try it out

Name	Description
groupId * required string($uuid) *(path)*	ID of group to update channel from. groupId
channelId * required string($uuid) *(path)*	ID of channel to update. channelId

Request body required   application/json

Channel details to add.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.739Z",
  "description": "General conversations go here.",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "name": "Main",
  "pinned_messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ]
}
```

Responses

Code	Description	Links
201	Updated Channel with specified ID.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "created_at": "2025-03-04T00:26:38.740Z",
  "description": "General conversations go here.",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "name": "Main",
  "pinned_messages": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ]
}
```

Group   ⌃

POST   **/v1/api/group/**   Create a group   ⌃

Parameters   Try it out

No parameters

Request body ^{required}   application/json

Group details to add.

Example Value   Schema

```
{
  "channels": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "created_at": "2025-03-04T00:26:38.741Z",
  "description": "This is a testing group.",
  "id": "",
```

```
  "members": [
    "550e8400-e29b-41d4-a716-446655440000"
  ],
  "name": "Testing Group"
}
```

Responses

Code	Description	Links
201	Group creation successful.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "channels": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "created_at": "2025-03-04T00:26:38.741Z",
  "description": "This is a testing group.",
  "id": "",
  "members": [
    "550e8400-e29b-41d4-a716-446655440000"
  ],
  "name": "Testing Group"
}
```

POST   **/v1/api/group/search**   Search for groups satisfying various properties.   ⌃

Parameters   Try it out

No parameters

Request body ^{required}   application/json

Group searching parameters.

Example Value   Schema

```
{
  "from": "2025-03-04T00:26:38.742Z",
  "id": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
```

```
  ],
  "name": "Testing",
  "until": "2025-03-04T00:26:38.742Z"
}
```

Responses

Code	Description	Links
200	Query completed successfully.	*No links*

Media type

```
application/json
```

Controls `Accept` header.

Example Value   Schema

```
[
  {
    "channels": [
      "3fa85f64-5717-4562-b3fc-2c963f66afa6"
    ],
    "created_at": "2025-03-04T00:26:38.742Z",
    "description": "This is a testing group.",
    "id": "",
    "members": [
      "550e8400-e29b-41d4-a716-446655440000"
    ],
    "name": "Testing Group"
  }
]
```

DELETE   **/v1/api/group/{groupId}**   Delete Group By ID   ∧

Parameters   Try it out
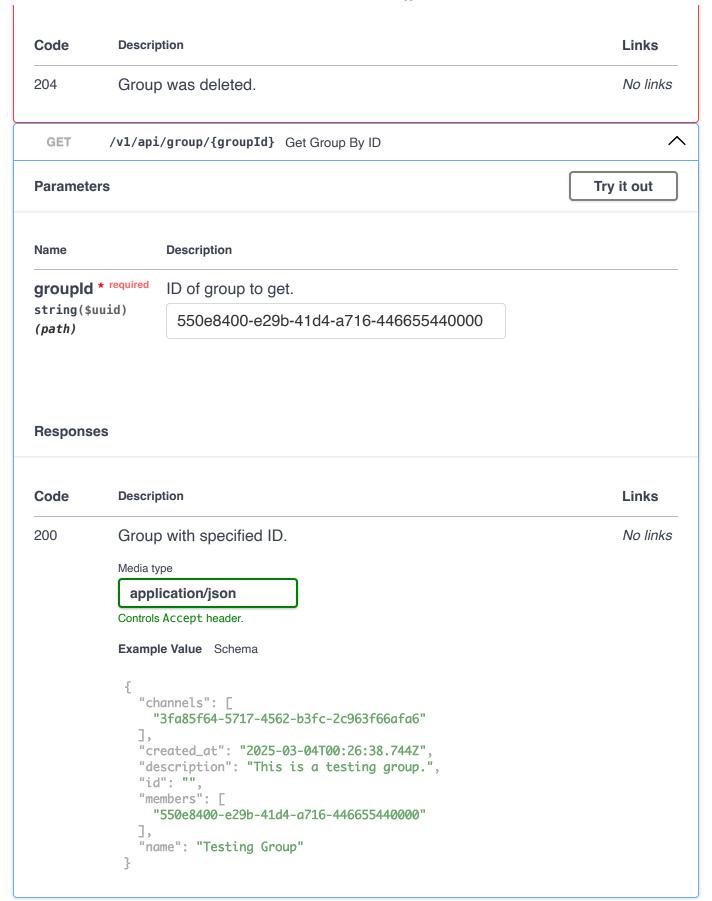
Name	Description
groupId * required **string($uuid)** **(path)**	ID of group to delete. 550e8400-e29b-41d4-a716-446655440000

Responses

Code	Description	Links
204	Group was deleted.	No links

GET `/v1/api/group/{groupId}` Get Group By ID ∧

Parameters   Try it out

Name	Description
groupId * required string($uuid) *(path)*	ID of group to get. 550e8400-e29b-41d4-a716-446655440000

Responses

Code	Description	Links
200	Group with specified ID.	No links

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "channels": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "created_at": "2025-03-04T00:26:38.744Z",
  "description": "This is a testing group.",
  "id": "",
  "members": [
    "550e8400-e29b-41d4-a716-446655440000"
  ],
  "name": "Testing Group"
}
```

PUT `/v1/api/group/{groupId}` Update Group By ID ∧

Parameters

Try it out

Name	Description
groupId * required `string($uuid)` **(path)**	ID of group to update. groupId

Request body required   application/json

Group details to add.

Example Value   Schema

```
{
  "channels": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "created_at": "2025-03-04T00:26:38.745Z",
  "description": "This is a testing group.",
  "id": "",
  "members": [
    "550e8400-e29b-41d4-a716-446655440000"
  ],
  "name": "Testing Group"
}
```

Responses

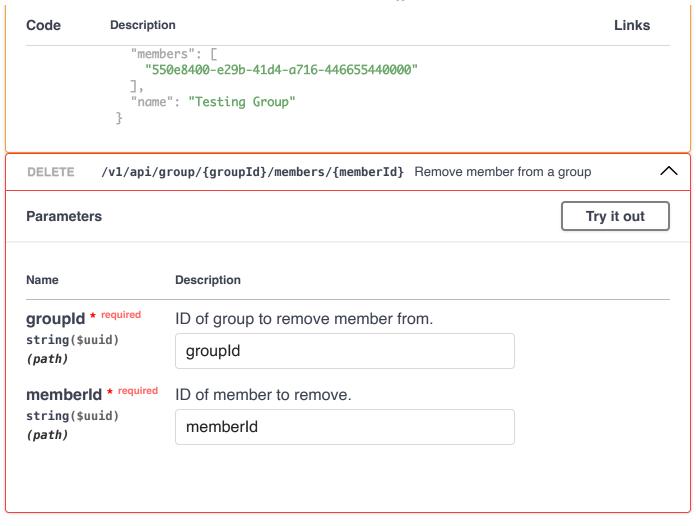| Code	Description	Links
201	Updated group with specified ID.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "channels": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "created_at": "2025-03-04T00:26:38.745Z",
  "description": "This is a testing group.",
  "id": "",
```
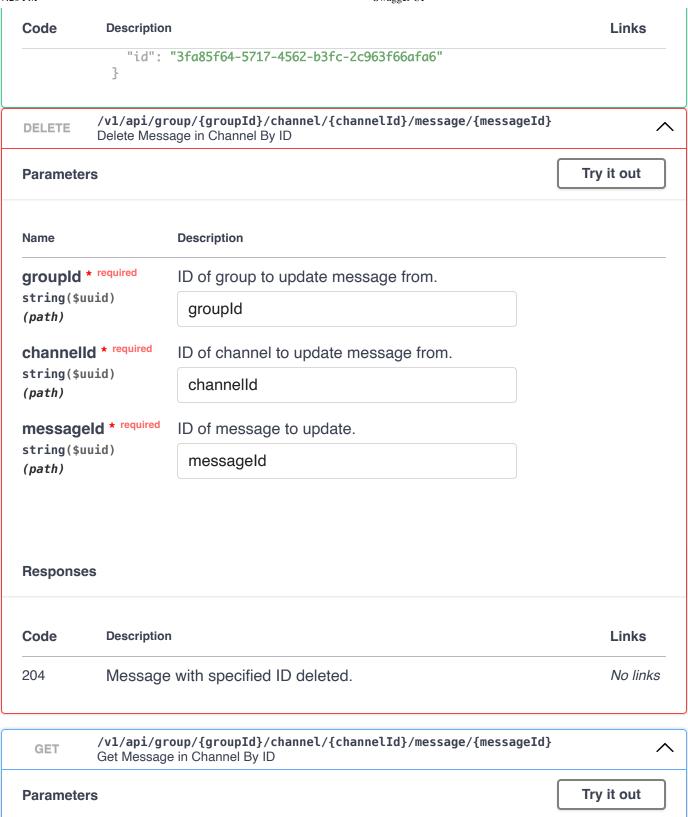
Code	Description	Links

```
        "members": [
          "550e8400-e29b-41d4-a716-446655440000"
        ],
        "name": "Testing Group"
      }
```

DELETE   `/v1/api/group/{groupId}/members/{memberId}`   Remove member from a group   ∧

Parameters   Try it out

Name	Description

groupId * required
string($uuid)
(path)

ID of group to remove member from.

> groupId

memberId * required
string($uuid)
(path)

ID of member to remove.

> memberId

POST   `/v1/api/group/{groupId}/members/{memberId}`   Add new member to a group   ∧

Parameters   Try it out

Name	Description

groupId * required
string($uuid)
(path)

ID of group to add member to.

> groupId

memberId * required
string($uuid)
(path)

ID of member to add.

> memberId

Message   ∧

POST   **/v1/api/group/{groupId}/channel/{channelId}/message**   ⌃
Create a message within a channel

Parameters

<div align="right">

Try it out

</div>

Name	Description
groupId * required `string($uuid)` *(path)*	ID of group to get channel from. ┌─────────────┐ │ groupId │ └─────────────┘
channelId * required `string($uuid)` *(path)*	ID of channel to get. ┌─────────────┐ │ channelId │ └─────────────┘

Request body *required*   [application/json]

Message details to add.

Example Value   Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "created_at": "2025-03-04T00:26:38.748Z",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
}
```

Responses

Code	Description	Links
201	Message creation successful.	*No links*

Media type

[**application/json**]

Controls `Accept` header.

Example Value   Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "created_at": "2025-03-04T00:26:38.748Z",
```

Code	Description	Links

```
        "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
    }
```

DELETE   **/v1/api/group/{groupId}/channel/{channelId}/message/{messageId}**   ⌃
Delete Message in Channel By ID

Parameters   [**Try it out**]

Name	Description
groupId * required `string($uuid)` *(path)*	ID of group to update message from. [groupId]
channelId * required `string($uuid)` *(path)*	ID of channel to update message from. [channelId]
messageId * required `string($uuid)` *(path)*	ID of message to update. [messageId]

Responses

Code	Description	Links
204	Message with specified ID deleted.	*No links*

GET   **/v1/api/group/{groupId}/channel/{channelId}/message/{messageId}**   ⌃
Get Message in Channel By ID

Parameters   [**Try it out**]

Name	Description
groupId * required `string($uuid)` *(path)*	ID of group to get message from. [groupId]
channelId * required	ID of channel to get message from.

Name	Description

`string($uuid)`
`(path)`

channelId

messageId `* required`
`string($uuid)`
`(path)`

ID of message to get.

messageId

Responses

Code	Description	Links
200	Message with specified ID.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "created_at": "2025-03-04T00:26:38.750Z",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
}
```

PUT	`/v1/api/group/{groupId}/channel/{channelId}/message/{messageId}` Update Message in Channel By ID	︿

Parameters   **Try it out**

Name	Description

groupId `* required`
`string($uuid)`
`(path)`

ID of group to update message from.

groupId

channelId `* required`
`string($uuid)`
`(path)`

ID of channel to update message from.

channelId

messageId `* required`
`string($uuid)`

ID of message to update.

Name	Description
(path)	messageId

Request body ^required   application/json

Message details to add.

Example Value   Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "created_at": "2025-03-04T00:26:38.752Z",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
}
```

Responses

Code	Description	Links
201	Message with specified ID.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "created_at": "2025-03-04T00:26:38.752Z",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
}
```

POST   **/v1/api/message/search** Search for messages satisfying various properties. ⌃

Parameters   Try it out

No parameters

Request body ^required   application/json

Message searching parameters.

Example Value   Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "from": "2025-03-04T00:26:38.755Z",
  "id": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "until": "2025-03-04T00:26:38.755Z"
}
```

Responses

Code	Description	Links
200	Query completed successfully.	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
[
  {
    "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "body": "string",
    "created_at": "2025-03-04T00:26:38.755Z",
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  }
]
```

Schemas   ⌃

Account   {
description: User Account Details.

created_at
                                [...]
id*
                                [...]
profile_pic*
                                [...]
username*
                                [...]
}

AccountFilter   {
description: An object that is posted to the backend to query for
                         accounts based on filter criteria.

from
                                [...]
ids
                                [...]
until
                                [...]
username
                                [...]
}

Channel   {
description: A set of messages within a Group, typically organized by
                         topic.

created_at
                                [...]
description
                                [...]
id*
                                [...]
messages*
                                [...]
name*
                                [...]
pinned_messages*
                                [...]
}

ChannelFilter   {
description: An object that is posted to the backend to query for
                         channels based on filter criteria.

from
                                [...]
id
                                [...]
name
                                [...]
until
                                [...]
}

Group   {
description: A group chat/server of users.

channels*
                          [...]
created_at
                          [...]
description*
                          [...]
id*
                          [...]
members*
                          [...]
name*
                          [...]
}

GroupFilter   {
description: An object that is posted to the backend to query for groups
                          based on filter criteria.

from
                          [...]
id
                          [...]
name
                          [...]
until
                          [...]
}

Message   {
description: A message that is sent in a group.

author*
                          [...]
body*
                          [...]
created_at
                          [...]
id*
                          [...]
}

MessageFilter   {
description: An object that is posted to the backend to query for
                          messages based on filter criteria.

author
                          [...]
body
                          [...]
from
                          [...]
id
                          [...]
until
                          [...]
}