API definition for PrivateGPT 1.3

This document defines the endpoints for the PrivateGPT API version 1.
All data in bodies and responses are formatted in JSON.

Login

Register for API

Get an access token for authentication in other API calls.

The user requesting a token needs to be existing beforehand within PrivateGPT.

Endpoint	{base-url}/api/v1/login
Method	POST
Headers	
Accept	application/json
Authentication	No Auth

Body

```
{
    "email":"{user-email}",
    "password":"{user-password}"
}
```

The `{user-email}` and `{user-password}` correspond to the credentials of an existing user in PrivateGPT.

Response

```
{
    "data": {
        "token": "1|h2Y8cWpKwsGI8iaKl8WUo4bz2PusBR4M6wmgvIDe1d98dac8"
    },
    "message": "success",
    "status": 200
}
```

This `token` will be used in the following calls as {api-token}.

Logout

Invalidate the API-Token

Endpoint	{base-url}/api/v1/logout
Method	DELETE
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Response:

```
{
    "data": {},
    "message": "success",
    "status": 200
}
```

Chats (Conversations)

New chat

Start a new chat. To use the LLMs ‘document knowledge’ (RAG), one or more available groups must be provided, or usePublic needs to be true. If no groups are provided (or the list is empty) and usePublic is false the LLMs ‘general knowledge’ will be used instead.

Please find the available languages below under List of options.

Endpoint	{base_url}/api/v1/chats
Method	POST
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "language": "en",
    "question": "Hello World?",
    "usePublic": true,
    "groups": [] // optional
}
```

If “usePublic” is set to false and no groups are provided, RAG will be deactivated for this chat.

Response

```
{
    "data": {
        "chatId": "9d29bfb6-m763-92ne-4f10-c9c28e4d94fa",
        "answer": "Hello! How can I assist you today?"
    },
    "message": "success",
    "status": 200
}
```

This `chatId` will be used in the continuing of a chat as {chatId}.

Continue an existing chat

Continue an already started chat.

Endpoint	{base_url}/api/v1/chats/{chatId}
Method	PATCH
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "question": "Hello World?"
}
```

Response

```
{
    "data": {
        "chatId": "9d29bfb6-m763-92ne-4f10-c9c28e4d94fa",
        "answer": "Hello! How can I assist you today?"
    },
    "message": "success",
    "status": 200
}
```

Get Informations about an existing Chat

Endpoint	{base_url}/api/v1/chats/{chatId}
Method	GET
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Response

```
{

    "data": {
        "chatId": "chat-uuid",
        "title": "My Chat",
        "language": "en",
        "groups": ["Group A", "Internals"],
        "messages": [
            {
                "question": "What is PrivateGPT?",
                "answer": "PrivateGPT is mindblowing!",
                "language": "en"
            }
        ]
    },
    "message": "success",
    "status": 200
}
```

Sources

Store a new Source via Markdown

Endpoint	{base_url}/api/v1/sources
Method	POST
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "name": "My new Source",
    "groups": ["Group A"] // optional, can be omitted/empty if source should be public
    "content": "This is my content in Markdown format"
}
```

Response

```
{
    "data": {
        "documentId": "9d29bfb6-m763-92ne-4f10-c9c28e4d94fa"
    },
    "message": "success",
    "status": 200
}
```

Get informations about an existing source

Endpoint	{base_url}/api/v1/sources/{sourceId}
Method	GET
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Response

```
{
    "data": {
        "sourceId": "446f198f-9d45-423b-95d1-624c4cdbfd1c",
        "title": "Another amazing source",
        "groups": ["Internals"],
        "isPublic": false,
        "state": "vectorized",
        "creator": {
            "email": "roy@acme.com",
            "name": "Roy Trenneman"
        },
        "createdAt": "2024-10-01T13:37:42Z",
        "updatedAt": "2024-10-26T09:11:13Z",
    },
    "message": "success",
    "status": 200
}
```

Edit an existing Source

Endpoint	{base_url}/api/v1/sources/{sourceId}
Method	PATCH
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "name": "My amazing source",
    "groups": ["Group A"], // optional, list may be empty if source should be public
    "content": "This is my content in Markdown format"
}
```

All Fields are optional and remain unchanged if not provided.

Response

```
{
    "data": {
        "documentId": "9d29bfb6-m763-92ne-4f10-c9c28e4d94fa"
    },
    "message": "success",
    "status": 200
}
```

Get all sources for the provided group

Endpoint	{base_url}/api/v1/sources/groups
Method	POST
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "groupName": "Group A"
}
```

Response

```
{
    "data": {
        "sources": [
                "9d29bfb6-m763-92ne-4f10-c9c28e4d94fa",
                "fe8a1336-510b-4baf-8d2b-47f20c33e7d6",
                "bcd69bc4-e3fc-4771-8526-e7d894574f13",
                "c2df51f3-e4fe-4311-8b27-c37df49e047c",
                "5fa13006-4aa9-401f-899c-c2aa995fb7a6"
            ]
        },
    "message": "success",
    "status": 200
}
```

Delete an existing source

Endpoint	{base_url}/api/v1/sources/{sourceId}
Method	DELETE
Headers	
Accept	application/json

Authentication	Bearer {api-token}

Response

```
{
    "data": [],
    "message": "success",
    "status": 200
}
```

Groups

Available groups

Get all available groups.

personalGroups: all groups the current user can access. Usable for chat.

assignableGroups: all available groups. Usable for creating and editing a user and sources.

Endpoint	{base_url}/api/v1/groups
Method	GET
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Response:

```
{
    "data": {
        "personalGroups": ["alpha", "beta"],
        "assignableGroups": ["alpha", "beta", "internal", "finance"]
    },
    "message": "success",
    "status": 200
}
```

Store a new group

Endpoint	{base_url}/api/v1/groups
Method	POST
Headers	
Accept	application/json

Authentication	Bearer {api-token}

Body

```
{
    "groupName": "Group A"
}
```

Response:

```
{
    "data": {},
    "message": "success",
    "status": 200
}
```

Delete an existing group

Endpoint	{base_url}/api/v1/groups
Method	DELETE
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "groupName": "Group A"
}
```

Response:

```
{
    "data": {},
    "message": "success",
    "status": 200
}
```

Users

Store a new User

The identification of a user is in relation to the email address. Please find the different available roles please find them below under List of options.

Endpoint	{base_url}/api/v1/users
Method	POST
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "name": "John Doe",
    "email": "john.doe@pgpt.local",
    "language": "de", // optional - defaults to "en"
    "timezone": "UTC", // optional - defaults to "Europe/Berlin"
    "password": "SuperSecret42!",
    "usePublic": true,
    "groups": ["Group A"],
    "roles": ["system"],
    "activateFtp": true,
    "ftpPassword": "myFTP-Password1337"
}
```

Response

```
{
    "data": {},
    "message": "success",
    "status": 200
}
```

Edit an existing user

Endpoint	{base_url}/api/v1/users
Method	PATCH
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "email": "roy@acme.com", // E-Mail Field is required and must exist
    "name": "Roy Trenneman",
    "language": "de",
    "timezone": "UTC",
    "password": "SuperSecret42!",
    "publicUpload": true,
    "groups": ["Group A"],
    "roles": ["system"],
    "activateFtp": true,
    "ftpPassword": "myFTP-Password1337"
}
```

All other fields than e-mail are optional and remain unchanged if not provided.

Response

```
{
    "data": {},
    "message": "success",
    "status": 200
}
```

Delete an existing user

Endpoint	{base_url}/api/v1/users
Method	DELETE
Headers	
Accept	application/json
Authentication	Bearer {api-token}

Body

```
{
    "email": "roy@acme.com"
}
```

Response

```
{
    "data": {},
    "message": "success",
    "status": 200
}
```

List of options

Languages

The languages directly relate to those available in the chat of the web application.

Parameter	Language
en	English
de	Deutsch
it	Italiano
fr	Français
es	Español
ar	العربية
bg	Български
cs	Čeština
eo	Esperanto
et	Eesti
el	Ελληνικά
fi	Suomi
fa	فارسی
he	עברית
hi	हिन्दी
hu	Magyar
id	Bahasa Indonesia
ja	日本語
lt	Lietuvių
lv	Latviešu
nl	Nederlands
no	Norsk
pl	Polski
pt	Português
pt-br	Português (Brasil)
ro	Română
ru	Русский
sk	Slovenčina

sv	Svenska
tr	Türkçe
uk	Українська
zh	中文

Roles

The roles are directly relating to those of the web application.

Parameter	Function
ad	Active Directory Settings
analytics	Analytics
documents	Manage sources & upload files
confluence-documents	Import data from confluence
smtp	SMTP settings
system	System logs and certificates
users	User administration