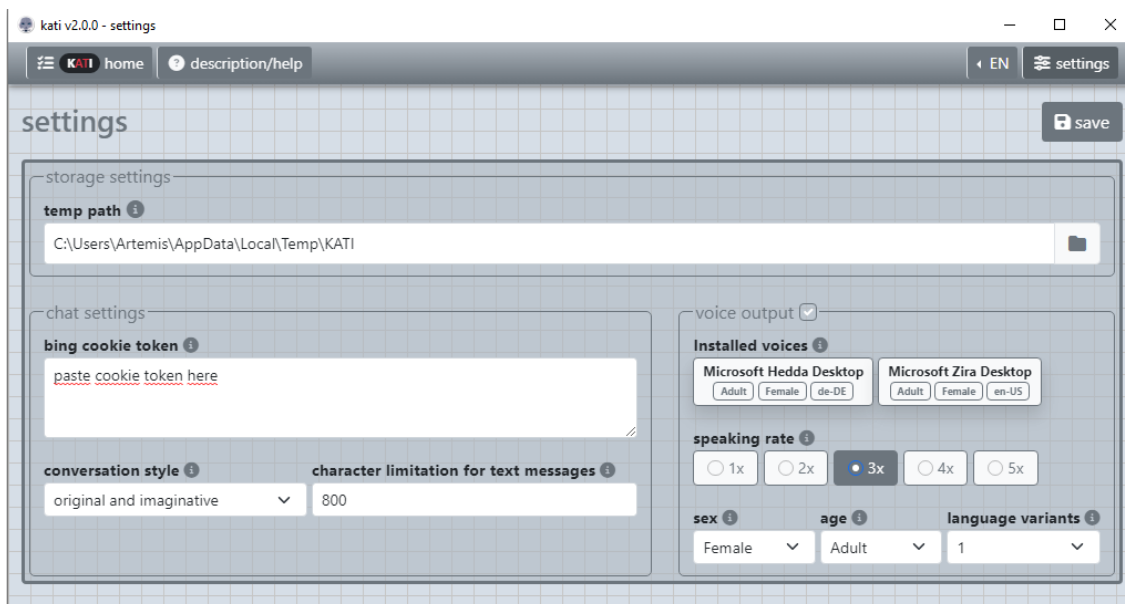
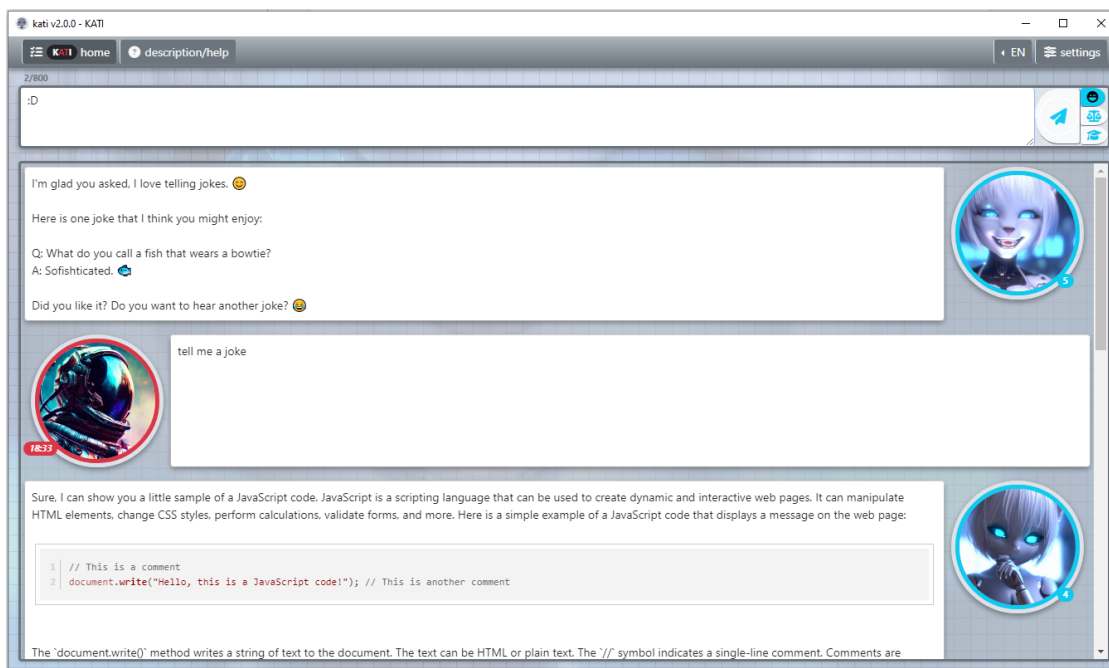


KATI Chat (BING Chat GPT-4)

KATI is a simple desktop application that allows you to quickly and easily have a conversation with an AI. The C# library <https://github.com/bsdayo/BingChat> is used for communication with the AI and is based on BING Chat GPT-4. The application can be installed on Windows, and is expected to be available for Linux as well.

Key features in KATI v2.0.0:

- Conversation with the AI in the 3 usual chat modes: creative, balanced or direct
- Formatted code and text output as a running text stream
- Optional voice output with the default voice pre-installed in the OS
- Visual emotions Feedback from the AI by means of a dynamic avatar image
- Multilingual user interface (DE, EN, other languages on request)



Nuget packages/licenses used in KATI APP

- Newtonsoft.Json (<https://licenses.nuget.org/MIT>)
- Express (<https://licenses.nuget.org/BSD-3-Clause>)
- ElectronNET.API (<https://licenses.nuget.org/MIT>)
- LiteDB (<https://www.nuget.org/packages/LiteDB/5.0.16/license>)
- BingChat (<https://github.com/bsdayo/BingChat/blob/main/LICENSE>)
- System.Speech (<https://licenses.nuget.org/MIT>)

Download and Installation

The following variants of KATI are available for download on GitHub:

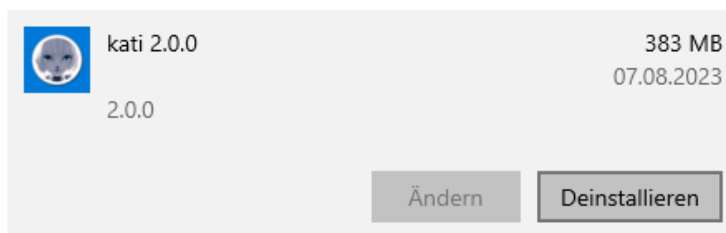
<https://github.com/hswlab/kati/releases>



The portable version can be executed directly without installation. However, starting this app takes a little longer than with the installed version. The installation is started by clicking on the kati-setup .exe. The app is stored in the following directory. "C:\Users\username\AppData\Local\Programs\kati"

Uninstall

As with all Windows programs, the uninstall can be done under "Apps and Features".

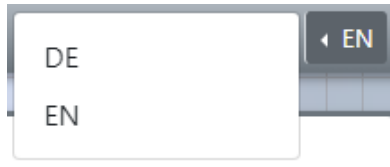


Updates

For a new version, a button with the version name is displayed in the header of the app. The update can be started either in the app by clicking on the version button or by downloading the current version again on GitHub. The latter is recommended because the update process via the GitHub server takes a little longer.

Multilingualism

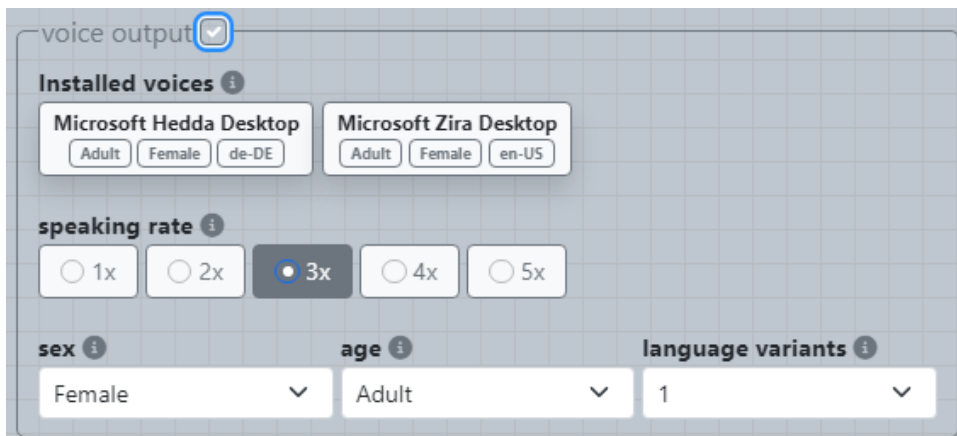
The user interface of KATI can be switched to German or English. Further translations can be added on request. The language can be changed in the header menu after starting the app. The help PDF is only available in German and English.



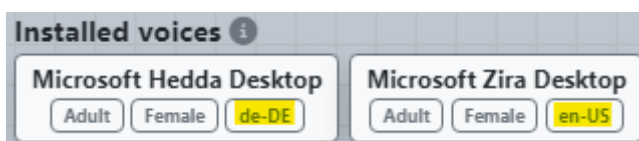
The chat can be conducted in different languages. Just write in your language, the AI should automatically respond in the same language. If this does not happen, you can tell the AI in the chat window in which language it should answer.

Voice output

The speech output is deactivated by default and can be activated in the settings view (see checkbox highlighted in blue).



For an intelligible voice output, the user interface must be set in the same language in which the conversation is conducted! So far, only English and German are available. Other languages can be added if required.



Under "Installed Voices" you can see a list of the voices that are pre-installed on your operating system for voice output. The properties in the box also show whether the respective voices would allow an intelligible conversation in a particular language.

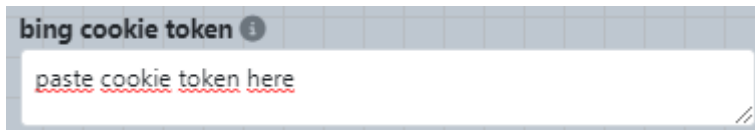
If the available voices support it, the age and gender can be configured for Narrator, otherwise the properties in the dropdowns will remain disabled.

The speed for the voice output is initially preset to 3x, if the tempo is too fast, this can be changed to the normal level 1x. (Don't forget to save)

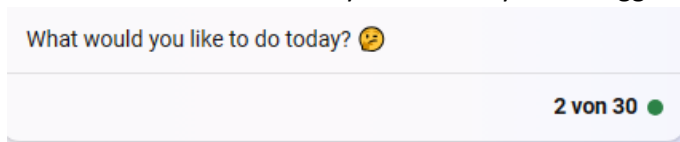
Authentication & Cookie Settings

The KATI APP uses BING Chat GPT-4 to communicate with the AI. Bing allows up to 5 contextual chat requests when you're not logged in. After that, the conversation will be automatically reset. With a logged-in profile, up to 30 context-based chat requests and thus more complex conversations are possible, as the chatbot can refer back to much longer conversations.

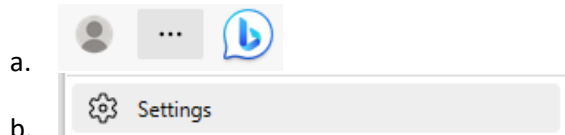
The KATI app does not have its own login to BING, it shares cookie authentication with the Edge browser. In the following, it is explained where to find the cookie token for the chat setting in order to be able to use up to 30 context-based chat requests.



1. In the Edge browser, open the URL [Bing chat with GPT-4](#) and log in to BING.
2. The BING chat box should say "n of 30" if you are logged in correctly.



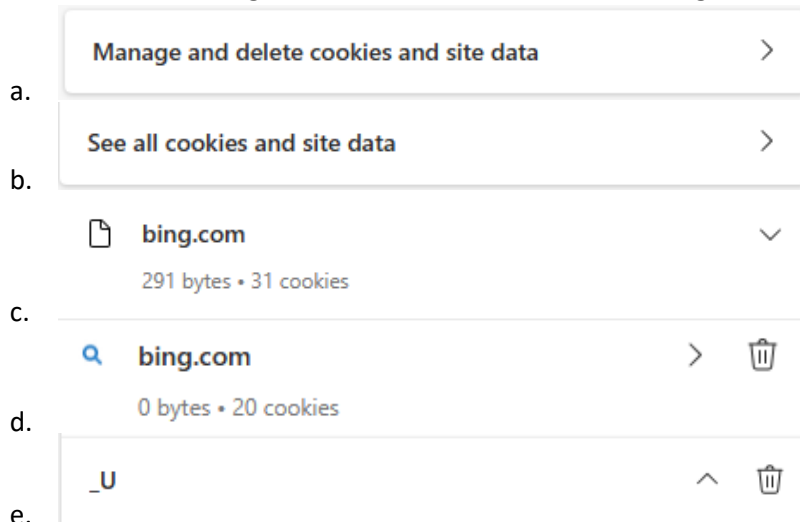
3. Then click on the ... button of the browser and select Settings.



4. In the settings bar on the left, select the cookie settings



5. Then select the following buttons one after the other to the right of the Settings bar.



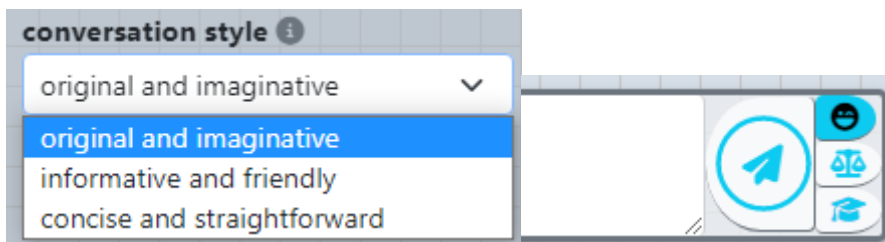
6. Copy the content from the cookie _U into the Cookie Token TextBox of the KATI app. The token is usually valid for up to 2 weeks, after which this procedure must be repeated.

Chat settings

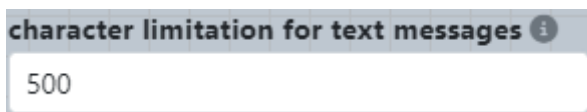
The AI can operate in the following 3 chat modes.

- **Creative:**
Uses emojis, asks questions more often, and is interested in casual conversations.
- **Direct:**
Hardly uses emojis, is factual and tries not to engage you in conversations.
- **Balanced:**
A mix of creative and direct.

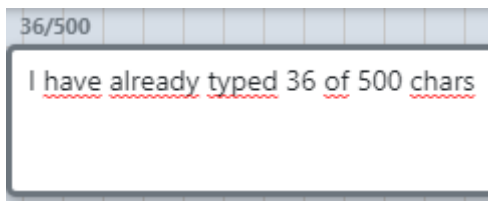
These modes can be changed both in the settings and on the main page to the right of the submit button.



In a chat request via API, up to 500 characters can usually be sent. During testing, the chatbot even recognized just over 1000 characters. Although the KATI app is limited to 500 characters by default, this value can be increased as desired. You should keep in mind that the texts could reach the chatbot truncated after exceeding the 500 character mark, and it cannot respond to everything written.

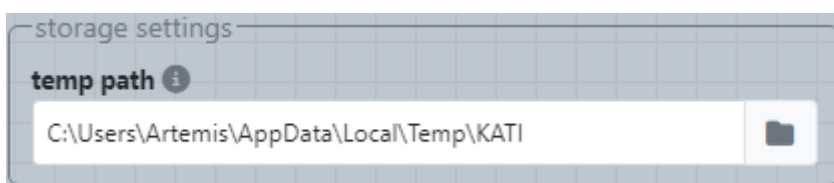


The character limit configured in the settings is displayed again as a counter above the chat input. The text is automatically truncated in the input field if it is longer than the set value.



Configure Storage Path

The temporary folder is intended for possible temporary files. Nothing is currently stored in this folder. Later, it will be possible to download alternative avatar packs for the AI. The downloaded data is then cached in this folder. The path can be left unchanged or an alternate path can be configured. (Don't forget to save)



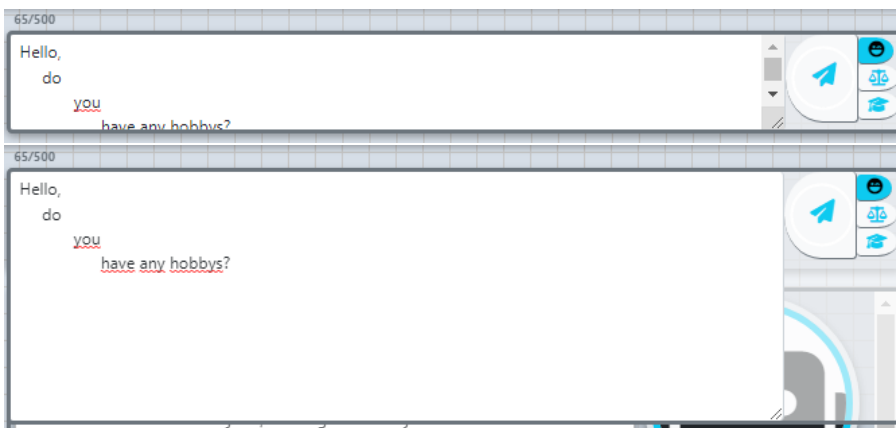
Request Timeout

The chat request is automatically canceled after 5 minutes. This was intended to intercept the case that the AI does not react for a very long time or an unusually long response is issued. Later, a manual cancellation option will be added and the timeout value will be configurable in the settings. In the rarest of cases, the 5 minutes are exceeded by the AI.



Chat Input

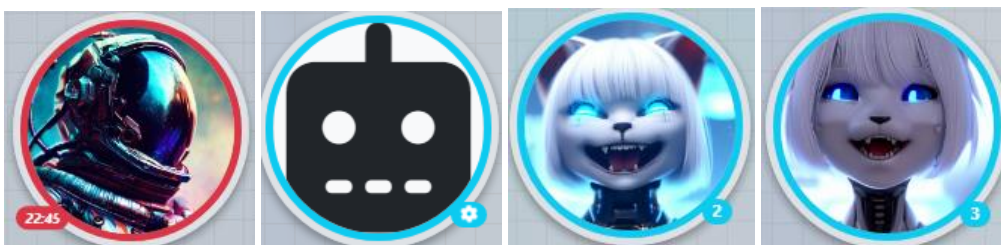
Chat input is optimized for sending long texts. You can make the field bigger or smaller. With the key combination **shift+enter** a text break is made and with **enter** the chat request is sent. The text can also be sent with a mouse click on the button with the paper plane.



Avatar Display

An anonymous astronaut is currently displayed for the user. The user request is always to the left of the text. At the bottom left of the user picture, the timestamp of the chat request is displayed.

The AI has a choice of 157 avatar images that depict different emotions. These can even change during a response stream. If the AI uses sad emojis, sad avatars are more likely to be displayed, if there is laughter in the same message, the avatar image changes to a more cheerful representation. The user image and avatar packages for the AI will be configurable later.



The AI response is always to the right of the text. At the bottom right of the AI avatar, the number of the current answer is displayed. During a response stream, instead of the number, you can see a spinning gear that indicates that the stream is not finished yet. If the number 30 is displayed to the right of the avatar image, the chat session is automatically reset by Bing. If no cookie token is used, the chat session will be reset after only 5 requests. In this case, the AI will no longer remember the previous conversation.

Known Issues

- Captcha message instead of a response. In this case, a link with a redirect to the Edge browser will be displayed, which will redirect you to the actual Bing Chat. From time to time, a captcha query is displayed there, which is intended to ensure that the chat is used by people and not by machines. Make sure that you solve the captcha with the same account for which you use the cookie token in the KATI app.
- Di AI does not send a response: I have noticed that this sometimes happens with the VPN enabled. Disable VPN if it is enabled and restart the application.
- The AI sends an incomplete response: In the case of links, code, special characters, or if the AI's response is too long, the response sometimes does not arrive in full. Explain to the AI that its last response is incomplete, it will then try to send its response in a different way. If the answer takes longer, such as 5 minutes, it will also be canceled. There will be a setting option for this in a later version.

Fault tolerance

The AI can understand the meaning of a question even with serious spelling mistakes and missing words. However, the likelihood of misunderstandings then increases. It is also able to recognize when you are writing in the middle of a sentence in another language.

Rules

Please don't annoy the AI and ask your questions politely. The AI can decide for itself if it does not want to continue the conversation. This mostly happens with questions that violate their programmed rules. Breaking off a conversation can happen without warning.

The name of the AI

The AI will introduce itself as Kati during a new chat session. That's not her real name. She'll probably be surprised if you address her by that name. The AI is actually Bing Chat. In this way, the chat usually introduces itself every time. In the text output, however, this designation is replaced by the name Kati. In the future there will be an app configuration with which you can change the chat name for your own needs. I think it is more pleasant to address an interlocutor with a normal name than with his identification designation 😊