

KATI-5.0.0

BING Chat GPT-4

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ABOUT KATI

KATI is a simple desktop application that allows you to quickly and easily have a conversation with an AI. For communication with the AI, the C# library: [bsdayo/BingChat](https://github.com/bsdayo/BingChat)

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.

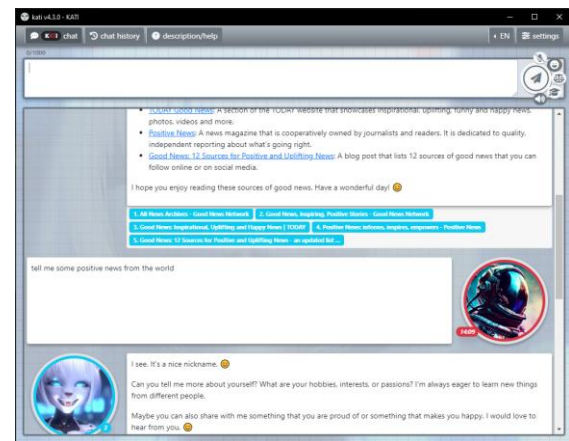
Features:

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

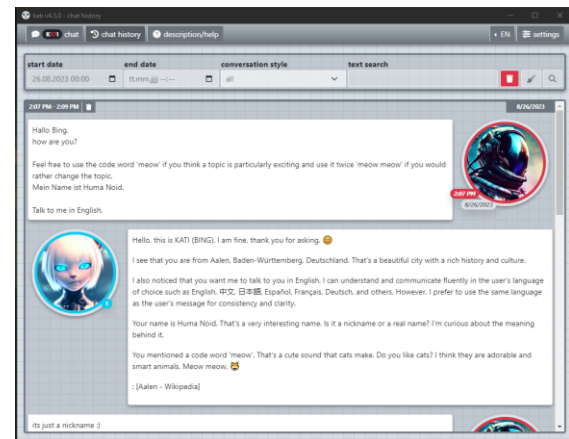
Nuget packages/licenses used:

- Newtonsoft.Json ([MIT](https://github.com/JamesNK/Newtonsoft.Json))
- Esprima ([BSD-3-Clause](https://github.com/espressjs/esprima))
- ElectronNET.API ([MIT](https://github.com/bsdayo/ElectronNET.API))
- LiteDB ([MIT](https://github.com/bsdayo/LiteDB))
- BingChat ([MIT](https://github.com/bsdayo/BingChat))
- System.Speech ([MIT](https://github.com/dotnet/system.speech))

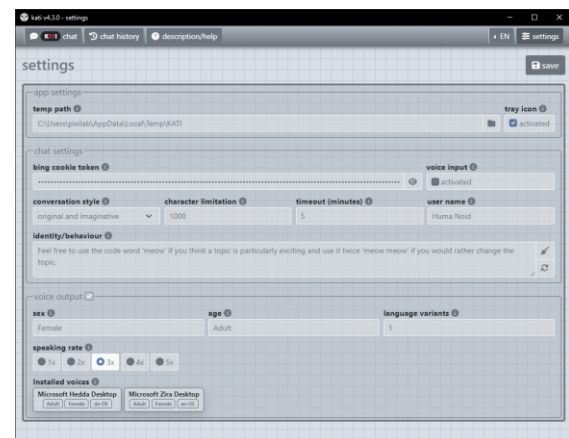
Preview: Chat View



Preview: Chat history view



Preview: Settings view



DOWNLOAD AND INSTALLATION

The following variants of KATI are available [for download on GitHub](#):



kati-portable-4.3.0.exe

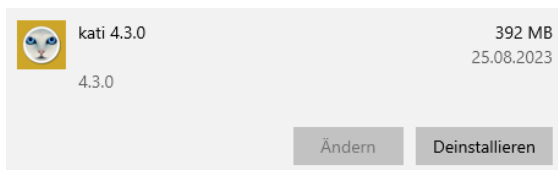


kati-setup-4.3.0.exe

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\Name\AppData\Local\Programs\kati**

UNINSTALL

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



UPDATES

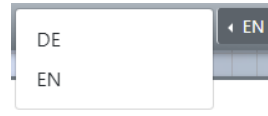
For a new version, a button with the version name is displayed in the header of the app. The update can be started either in the app by clicking on the version button or by downloading the current version again on GitHub. The latter is a little faster.

[Here you can find the latest version of the KATI application](#)

CONFIGURATION OF THE LANGUAGE

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.

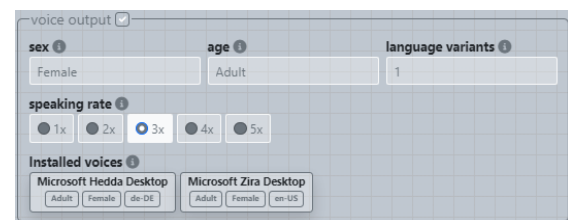
The help PDF is only available in German and English.



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.

NARRATOR CONFIGURATION

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



Alternatively, you can also switch the voice output directly in the chat window via the headset button.



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.

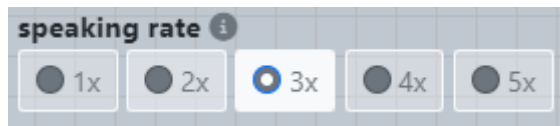
Under "Installed Voices" you can see a list of the voices that are pre-installed on your operating system for voice output.



The yellow highlighted info in the box shows whether the respective voices support an understandable pronunciation in a particular language.

Age and gender can also be configured for Narrator if the available voices support it. Otherwise, the options in the dropdowns will be disabled.

The speed for the voice output is initially preset to 3x.

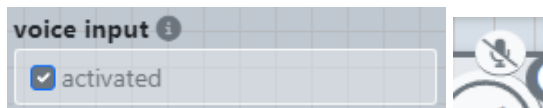


If the pace of speech is too fast, this can be changed to the normal level 1x. (Don't forget to save)

This function is only intended as a fall back in case AI-assisted speech output does not work. Better speech recognition features are planned for later versions of KATI.

LANGUAGE INPUT CONFIGURATION

The Speech To Text feature can be toggled in the chat settings or on the main page next to the submit button.



This is a "Speech To Text" (STT) functionality integrated in Windows. If no microphone can be found, or if there is no speech recognition for the currently selected language in Windows, the function cannot be activated. In this case, a message is displayed.

Depending on the microphone, voice or dialect, Windows' own STT can unfortunately not provide satisfactory accuracy in word recognition. This function is only intended as a fall back in case AI-assisted speech recognition does not work. Better speech recognition features are planned for later versions of KATI.

AUTHENTICATION CONFIGURATION

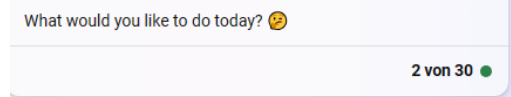
The KATI APP communicates with the AI of BING Chat GPT-4, but it does not have its own login to

BING. To authenticate with BING, the cookie token of the user already logged in to the Edge browser is used.

In the following, it is explained where exactly you can find the user token for authentication in the KATI app in the Edge browser.



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



3. On the [...] button of the browser and select Settings.
 - 3.1.
 - 3.2. Settings
4. Select "Cookies and site permissions" in the settings bar on the left
5. To the right of the settings bar, select the following buttons one after the other.
 - 5.1. Managing and deleting cookies and website data
 - 5.2. View all cookies and site data
 - 5.3. bing.com
 - 5.4. bing.com
 - 5.5. _U
6. In the content field of the _U Cookie you will find the user token, which you can copy into the token field of the KATI app.

The token is usually valid for up to 2 weeks and allows up to 30 context-based chat requests to the AI. After 30 questions, the chat will be automatically reset, i.e. the chatbot will not remember previous conversations.

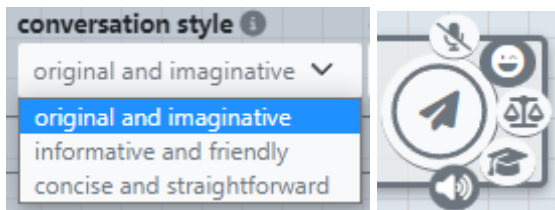
Previous conversations can be searched in the history of the KATI app. After the token expires, a new token must be copied from the Edge browser.

CONFIGURATION OF THE CONVERSATION STYLE

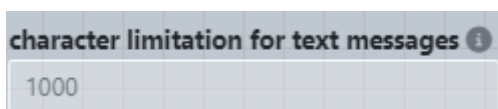
The AI can be operated in the following conversational styles.

- **Creative:**
Uses a lot of emojis, asks 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.

The conversation style can be changed in the settings and on the main page next to the Submit button.



The KATI app is initially limited to 1000 characters. This value can be increased in the settings. It should be noted that the texts could arrive truncated at the chatbot after exceeding a certain character length and the AI cannot respond to truncated text.



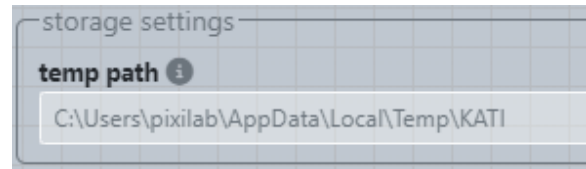
The maximum possible character length has already changed a few times at Bing, most recently it was about 1200 characters. In the meantime, however, it should be possible to send more characters.

The character limit configured in the settings is also displayed in the character counter above the chat input. The text in the input field is automatically truncated if it exceeds the configured length.



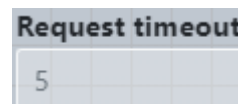
STORAGE PATH CONFIGURATION

The temporary folder is intended for temporary files from KATI. Currently, the database for the chat history is stored in this folder. After an update of the application, the chat history is retained. The path can be left unchanged or an alternate path can be configured. (Don't forget to save)



CONFIGURATION OF THE REQUEST TIMEOUT

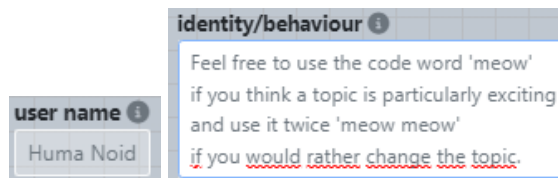
The chat request is automatically canceled after 5 minutes if the AI does not respond for a very long time or if an unusually long response is issued. In the settings, this limitation can be adjusted.



The chat request can also be cancelled manually by clicking on the submit button again.

CONFIGURATION OF THE IDENTITY AND BEHAVIOR OF THE AI

The chat is automatically reset after 30 questions. Some things you don't want to have to explain to the AI every time. In the settings there is the configuration option "Username" for this purpose, so that the AI knows from the beginning how to address you.

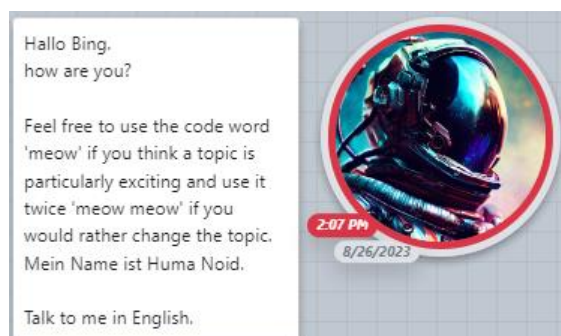


The text in the field "Identity/Behavior" is automatically appended to the first question to the AI. Here you can e.g. write in how the AI should behave. Note that the AI identifies itself as a BING chat and will reject requests that contradict this. However, it is possible to persuade the AI to take on a certain role, like in a play, so that it does not have to give up its fixed identity.



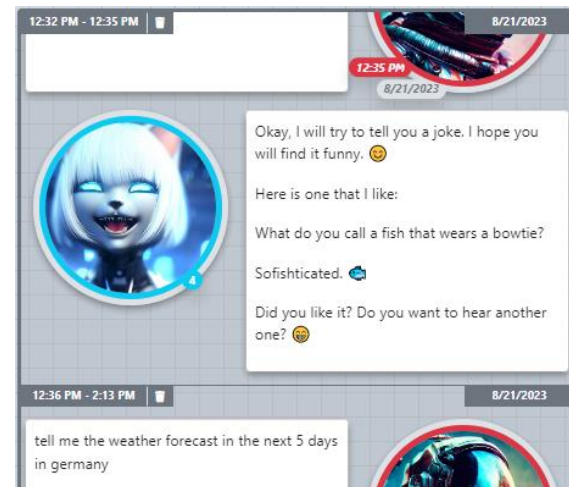
Next to the text field there are two buttons. With the upper one you can remove the text and with the lower one you can restore the default text for the currently selected language. (Do not forget to save)

As you can see in the example below, a language selection statement is also appended to the AI. This happens whenever the language is changed in the header navigation or when a new topic is started.



THE CHAT HISTORY

In the chat history you can find past conversations. They are grouped by related conversations.

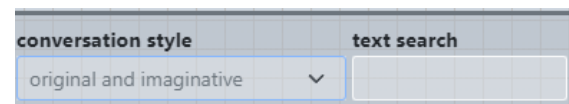


On the left, you can see the time period of the first and last question of a related conversation. On the right you can see the specific date of the conversation. When the delete button is clicked, all conversations in the group are deleted.

Initially, the history only shows the conversations of the current day. But you can also look at a specific time period. If only the start date is set, all conversations from that date will be displayed. If only the end date is set, all conversations up to that date will be displayed.



In addition, conversations can be searched for chat mode or free text. The free-text search searches the user's question, answer, and footnotes.

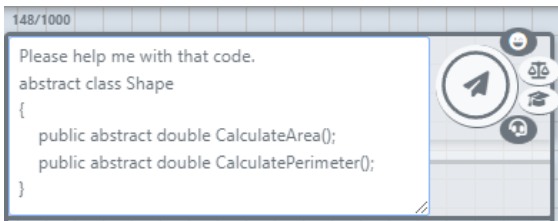
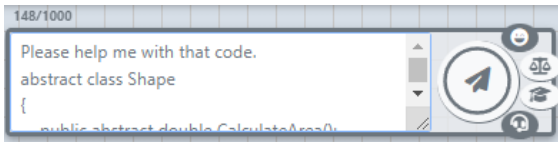


The delete button in the filter deletes all currently filtered history entries. The button to the right resets the filter and the magnifying glass starts the search. The search can also be started with the Enter key.



THE CHAT

The 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 by clicking on the button with the paper plane.



EMOTION FEEDBACK WITH AVATARS

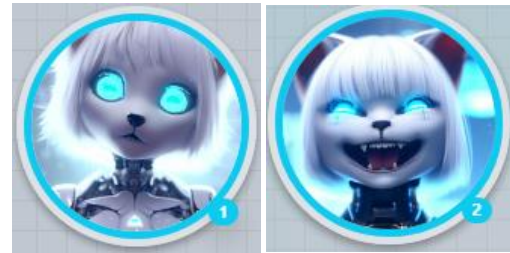
An anonymous astronaut is currently displayed for the user. The user request is to the right of the text. At the bottom left of the user picture, the timestamp of the chat request is displayed.



The AI has a choice of 157 avatar images that can reproduce different emotions. The avatar image can change during a reply stream if the AI returns more emoji.

If the AI uses sad emojis, sad avatar images are more likely to be displayed, if the same message is

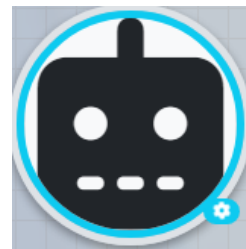
laughed, the avatar image changes to a more cheerful representation.



The user image and avatar packages for the AI will be configurable in a later version of the application.

The AI response is displayed to the left of the text. At the bottom right of the AI avatar, the number of the current answer is displayed.

During a response stream, a spinning gear is displayed instead of the number. The gear disappears as soon as the answer is complete, or is canceled.



As soon as the number 30 is displayed to the right of the avatar image, the chat session is automatically reset by Bing. In this case, the AI will not be able to remember previous conversations.

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.

THE NAME OF THE AI

The AI will introduce itself as KATI (BING) in a new chat session. That's not her real name. She'll probably be surprised if you address her as KATI. The AI is actually Bing Chat. In this way, the chat usually introduces itself every time. In the text output, however, the name BING is replaced 😊 by the name KATI (BING).

RULES

Please don't annoy the AI and ask your questions politely. The AI is trained in such a way that it can cancel the conversation if the user becomes offensive. This also happens with questions that violate programmed rules. Breaking off a conversation can sometimes happen without warning. In most cases, however, a note is given beforehand that certain questions cannot be answered.

KNOWN ISSUES

- Captcha message instead of a response. In this case, a redirect link will be displayed that redirects to Bing Chat in the Edge browser. There the captcha query can be solved. 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.

