

AI Cowbot cpp

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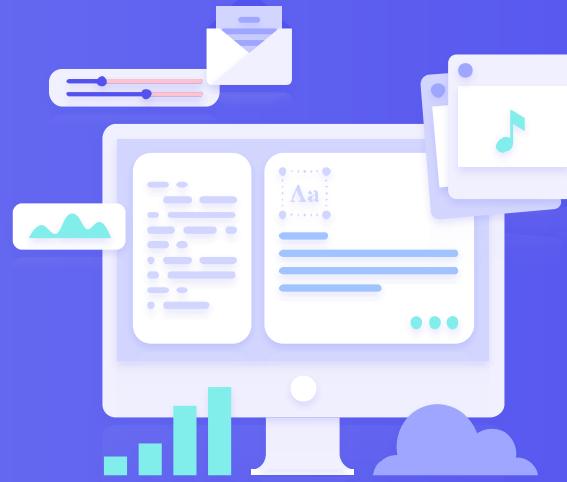
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About the project

AI Cowbot in cpp named DHENU



Assistant!

Generally, everyone wants assistant to make their work easy. So applies to the operating systems. Android has Google, Amazon has Alexa, Apple has Siri, Windows has Cortana, Linux has ___?

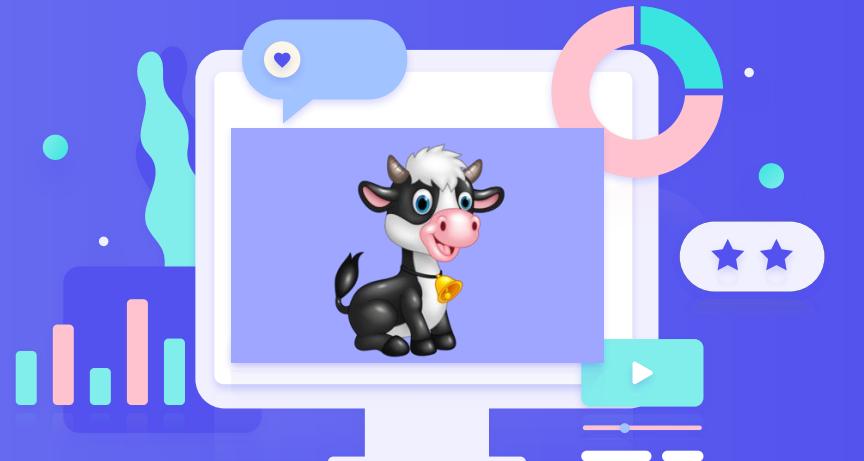


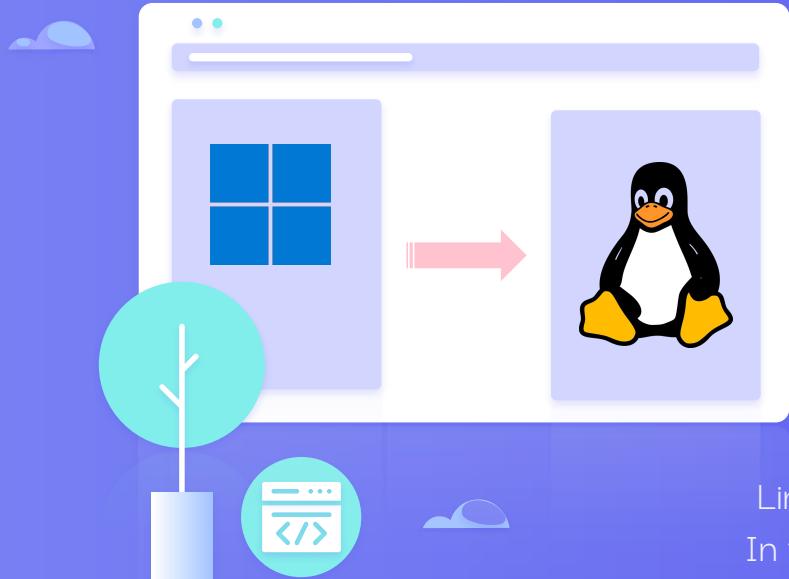
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Dhenu, a Cowbot

Dhenu is AI Cowbot Assistant for Arch Linux or any Arch based distros. Being capable of doing many things on demand, she can assist you on your machine either you are a beginner or an advanced Linux user.

Being new to the platform, presently her capabilities are limited. But she can be improved by support of users and developers.



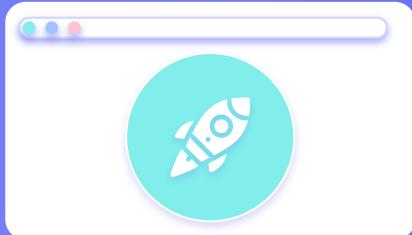


Why Cowbot?

Many Windows and Mac users are switching to Linux. For Linux beginners, a lot of commands are difficult to remember. They want something simpler say Cowbot.

Linux switching is also avoided due to pile of commands. In that sense, Cowbot can also bring more users to Linux

Cowbot focuses on three things



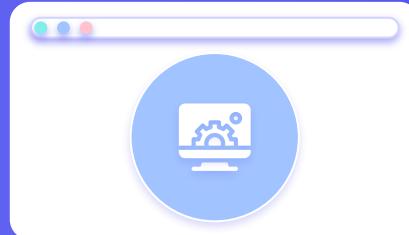
Speed

Cowbot is made for Linux, one of the fastest OSes of the world. So Cowbot has also speed taken care of.



Simplicity

Very simple to use and most suitable for Linux beginners. Cowbot has easy commands and syntax

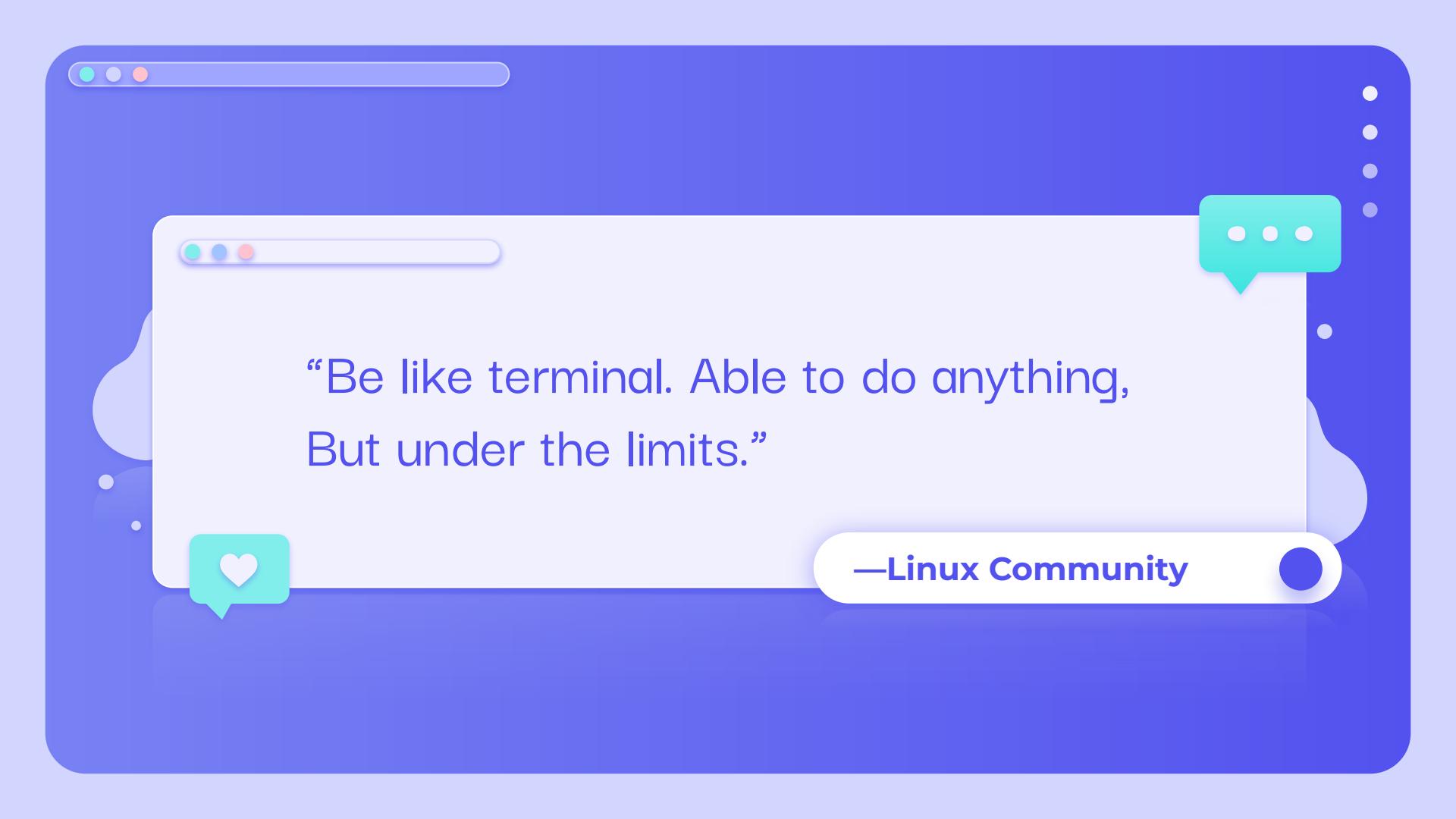


Functionality

In terms of functionality, Cowbot can do some things which Google Assistant or Alexa can't.

Presently, Dhenu can :

- do basic maths : addition, subtraction, multiplication, division, power, factorial, fibonacci
- get time, date, month, year or time in nanoseconds
- clear your conversation with her
- open, install or uninstall softwares
- run linux commands
- create/ rename/ delete files and folders
- open files and folders
- move/ copy files
- search files on your system
- show network properties
- show system properties
- repeat what you say
- reply basic questions like : asking her name, her work, her capability, greet her, etc.
- manage processes running on your system
- tell you quotes which are funny or motivational
- run a train for you
- bring you an aquarium
- bring rain of characters



“Be like terminal. Able to do anything,
But under the limits.”

—Linux Community

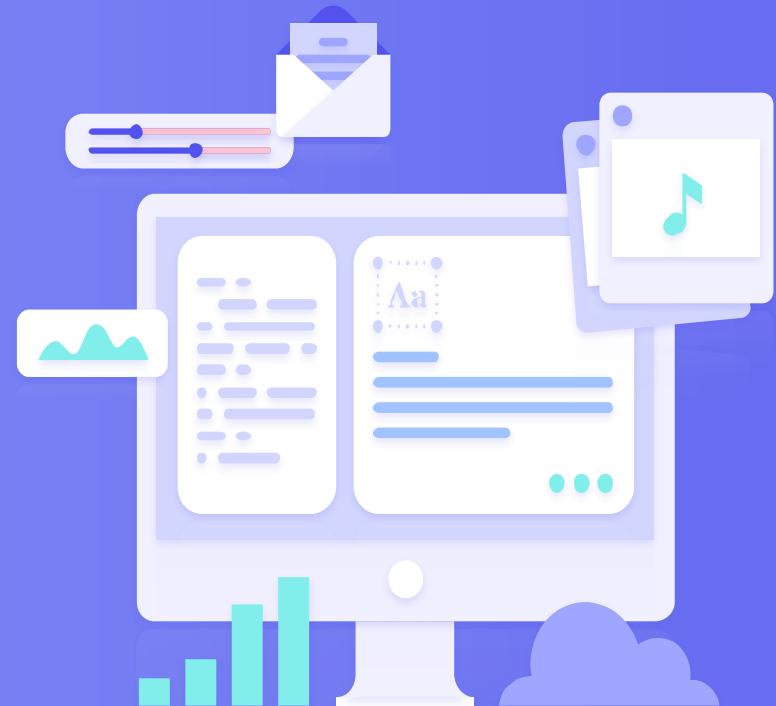
Installation and usage

<https://github.com/yashslakhtariya/cowbot.git>



Talk is Cheap, Show me the Code

— Linus Torwalds



Source Code

<https://github.com/yashslakhtariya/cowbot-src.git>

Parts of source code



classes

classes for different functionalities, containing methods to perform tasks according to input



main function

main function containing loops to get input string from user and call methods of respective classes for output

Future projects

Voice integration



Voice input and output integration

C++ AI Libraries



Prebuilt AI libraries in C++ for cowbot

Distros support



Support for most Linux distros

Functionalities



To make Cowbot more intelligent

Graphical app



Basic graphical app instead of terminal

Internet support



Support for internet features in Cowbot

Our goals



Positioning

We expect cowbot to be one of the most popular assistant software for Linux in future



Usability

Regular use of cowbot is expected for most Linux beginners among worldwide 3.5B Linux users



**Contribution in this
project can help us
improve**

Thanks!



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