



ENIGMA 3.0

Enigma is a **personalized** and **easy-to-use** discord bot to play songs on any voice channel. With Enigma, you can now play, repeat, switch between songs, and reorganize your queue **seamlessly**

What it is?

- **Shared Listening Experience:** Enable teams and friends to enjoy music together in Discord voice channels.
- **One command play:**
- **Enhance Music Playback:** Allow play, pause, and resume music effortlessly, while adding your own songs.
- **Personalized Recommendations:** Recommend songs tailored to the vibe in the chat room.

Now available on
Windows and Linux!

The Tech Stack



Testing

Our strong testing framework focuses on quality over quantity. **25+** definitive test cases and robust methodologies have been used to test searching, playing and command resolution of songs in our database. Superfluous tests have been added, and the current tests validate all functionalities of the bot.

Team 86: Rohit Sriram, Adithya Srinivasan, Veeraraghavan Narasimhan

DEMO



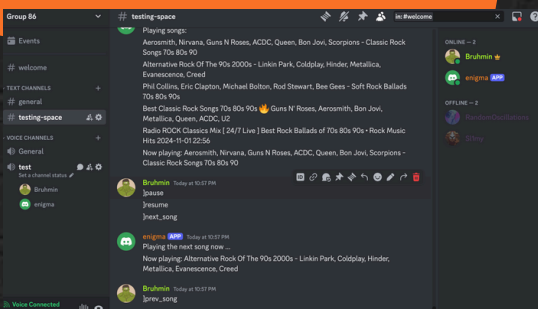
What's New?



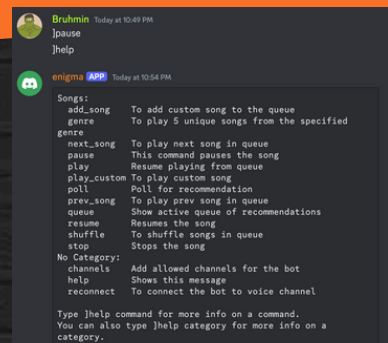
- **Improved Bot:** Enigma is trained on a new larger and broader dataset
- **New Queue features:**
 - The queue is now persistent!
 - Songs can be shuffled.
 - Can switch back and forth between songs
 - Authorize enigma roles and channels.
 - Add custom songs to queue.
- **Easy Reconnection:** reconnect to VC if enigma is disconnected just with one command!

Scope for the Future!

- **User Profiles:** Allow user profiles for personalized settings.
- **Feedback System:** Enable likes/dislikes to refine and personalize recommendations
- **Platform Compatibility:** Extend support to Ubuntu, Android, and iOS.
- **New Bot Functionalities:**
 - Loop & Replay: Add loop and replay features.
 - Enable moving songs within the queue.
- **Improved Recommendations:** Use content-based recommender systems for tailored song suggestions. Check docs for new dataset
- **Jump to Song:** Directly jump to specific songs.



SCAN



For the Software Sustainability Evaluation report, please check Group 86's project repository

You can find the Report here:

<https://github.com/rohit-sram/Enigma/blob/main/docs/proj1rubric.md>

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Repo link: <https://github.com/rohit-sram/Enigma>