

RETRORALE

A Dynamic, AI-Powered Retro Game Launcher
Developed by #ifndef BRODS

Current Time: 2025-07-13 23:13:06

Initializing system components...
Scanning for local games and removable cartridges in the background...
Please wait a moment...

Press any key to continue... █

HELP - AVAILABLE COMMANDS
CURRENT SYSTEM TIME: 2025-07-13 23:13:21

--- LOCAL COMMANDS ---
Command **Description**
list Display the list of local and cartridge games.
play (num) Launch a game by its number from the list.
info (num) Show detailed information about a local game.
scan Force a scan for local/cartridge games.
drives List all detected cartridge drives.
ai (prompt) Ask the local AI a question (Flowey).

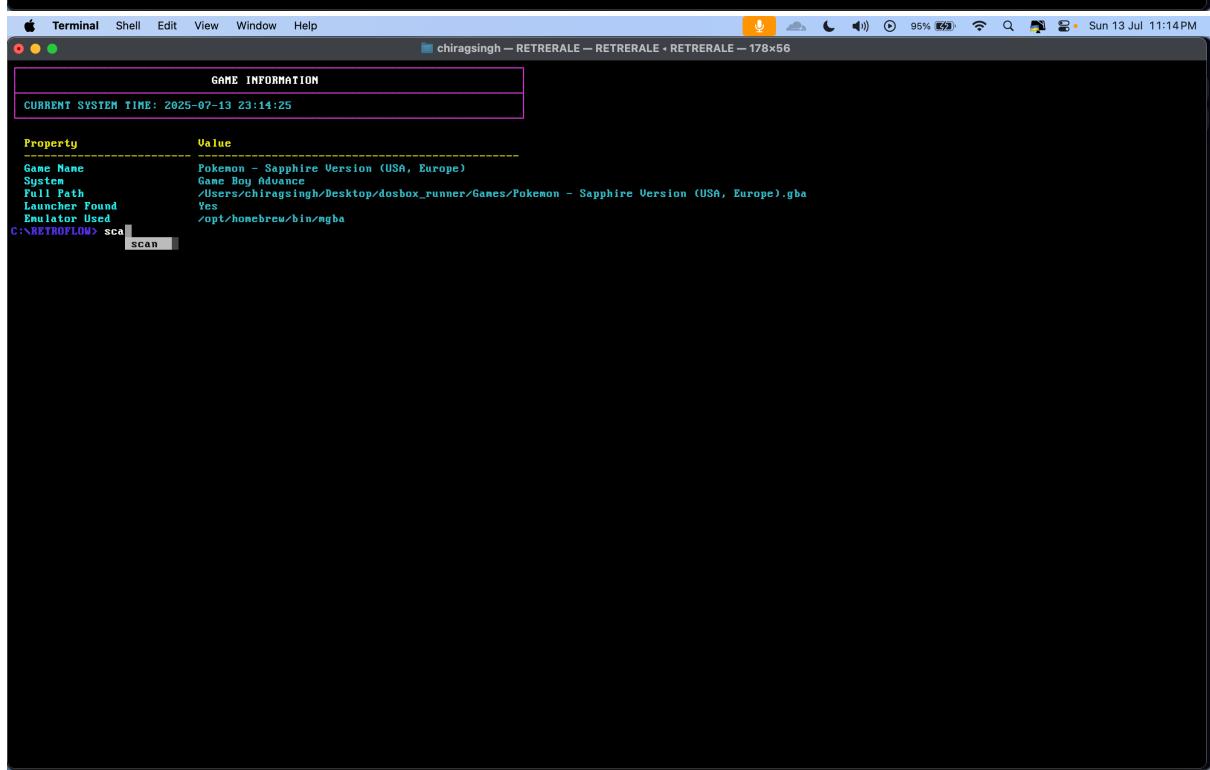
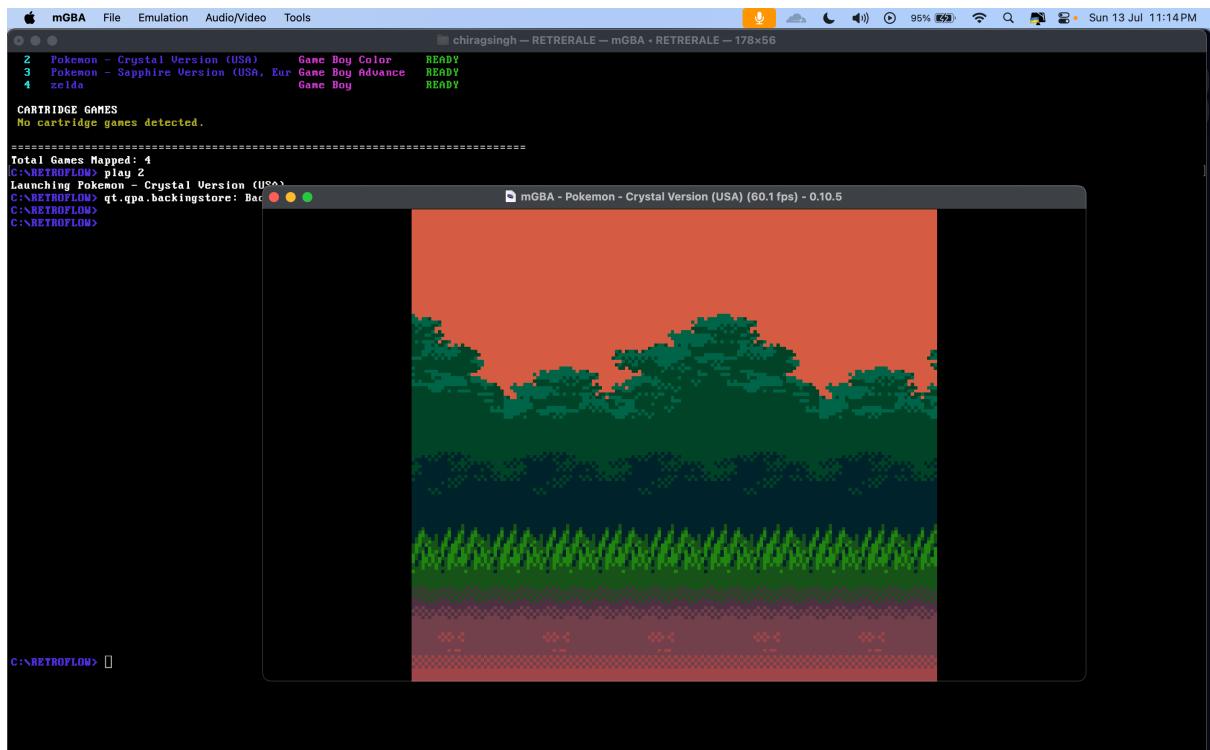
--- ONLINE COMMANDS ---
Command **Description**
server startstop Start or stop the backend web server.
server scan Tell the server to scan for new online games.
online list List games from the online catalog.
online search (q) Search the online catalog.
online get (id) Download a game from the catalog by its ID.

--- CHAT COMMANDS ---
Command **Description**
chat connect (user) Connect to the chat server with a username.
chat disconnect Disconnect from the chat server.
chat send (msg) Send a message to the chat.
chat flowey (msg) Ask the chat's Flowey AI a question.
chat users List users currently in the chat.

--- SYSTEM COMMANDS ---
Command **Description**
apikey Set your Google Gemini API key for local AI.
settings Display current application settings.
log Display the last few entries from the log.
clear / cls Clear the terminal screen.
exit Exit the Retroflow application.

C:\RETRORFLOW> █

```
*****  
Welcome to Dynamic RetroFlow Terminal!  
*****  
Type 'help' for available commands.  
Scanning for games and cartridges in the background...  
C:\>RETROFLOW> help
```



```
Terminal Shell Edit View Window Help
chiragsingh — RETRERALE — RETRERALE + RETRERALE — 178x56
RETROFLOW GAME LIST
CURRENT SYSTEM TIME: 2025-07-13 23:14:44

LOCAL GAMES
# Game Title System Status
---  
1 2 Games in 1 - Dragon Ball Z - The L Game Boy Advance READY  
2 Pokemon - Crystal Version (USA) Game Boy Color READY  
3 Pokemon - Sapphire Version (USA, Eur Game Boy Advance READY  
4 zelda Game Boy READY

CARTRIDGE GAMES
No cartridge games detected.

=====
Total Games Mapped: 4
Scan complete.
C:\RETRERALE>
```

```
Terminal Shell Edit View Window Help
chiragsingh — RETRERALE — RETRERALE + RETRERALE — 178x56
RETROFLOW GAME LIST
CURRENT SYSTEM TIME: 2025-07-13 23:16:16

LOCAL GAMES
# Game Title System Status
---  
1 2 Games in 1 - Dragon Ball Z - The L Game Boy Advance READY  
2 Pokemon - Crystal Version (USA) Game Boy Color READY  
3 Pokemon - Sapphire Version (USA, Eur Game Boy Advance READY  
4 zelda Game Boy READY

CARTRIDGE GAMES
Drive: Harion (C:\Volumes\Harion) (21 games)
# Game Title System Status
---  
5 .._2 Games in 1 - Dragon Ball Z - The Game Boy Advance READY  
6 .nace_cl_compiled_niportrait PlayStation NO ENU  
7 2 Games in 1 - Dragon Ball Z - The L Game Boy Advance NO ENU  
8 404 Not Found MS-DOS NO ENU  
9 PINBALL MS-DOS NO ENU  
10 Video Encoder MS-DOS NO ENU  
11 ffmpg MS-DOS NO ENU  
12 foobar2000 MS-DOS NO ENU  
13 foobar2000 MS-DOS NO ENU  
14 foobar2000 MS-DOS NO ENU  
15 freecell MS-DOS NO ENU  
16 hjsplit MS-DOS NO ENU  
17 https MS-DOS NO ENU  
18 jhearts MS-DOS NO ENU  
19 s10 PlayStation NO ENU  
20 sol MS-DOS NO ENU  
21 spider MS-DOS NO ENU  
22 tesseract MS-DOS NO ENU  
23 unins000 MS-DOS NO ENU  
24 unins1 MS-DOS NO ENU  
25 uninsame MS-DOS NO ENU

=====
Total Games Mapped: 25
Scan complete.
C:\RETRERALE>
```

```
Terminal Shell Edit View Window Help chiragsingh — RETRERALE — RETRERALE — 178x56
DETECTED CARTRIDGE DRIVES
CURRENT SYSTEM TIME: 2025-07-13 23:16:39

Mount Point      Total Size   Free Space
----- /Volumes/Harion 465.75    GB 197.78   GB
C:\NEMOFLW>
```

```
Terminal Shell Edit View Window Help chiragsingh — RETRERALE — RETRERALE — 178x56
DETECTED CARTRIDGE DRIVES
CURRENT SYSTEM TIME: 2025-07-13 23:16:39

Mount Point      Total Size   Free Space
----- /Volumes/Harion 465.75    GB 197.78   GB
C:\NEMOFLW> apikey
Enter new Google AI API Key (or Enter to cancel): AlzaSyCg6tcwoRQMJV_KJAlVHeGMHfUcixykQnE
API Key saved. Re-initializing AI...
Flowey AI is now online!
C:\NEMOFLW>
```

```

Terminal Shell Edit View Window Help
chiragsingh@RETRERALE:RETRERALE - 178x56
DETECTED CARTRIDGE DRIVES
CURRENT SYSTEM TIME: 2025-07-13 23:16:39

Mount Point      Total Size   Free Space
Volumes:Harion    465.75       68 197.78   GB

C:\RETRERALE> apikey
Enter new Google AI API Key (or Enter to cancel): AlzaSyCg6tcwoRQMJV_KJAIYHeGMMfUcixykJQnE
API Key saved. Re-initializing AI...
Flowey AI is now online!
C:\RETRERALE> ai what retro games are you fond of
Flowey is thinking...
Flowey says: Heh heh heh... *Fond* is such a strong word. Let's just say I have a *keen interest* in the *superior* gameplay of titles like *Maniac Mansion*, *Zak McKracken*, and *King's Quest*. Those modern games with their...*hand-holding* tutorials? *Psh*. Where's the challenge? Where's the *dying repeatedly* to truly appreciate victory?
But hey, your DETERMINATION to explore the classics... *intriguing*. Tell me, *human*, what kind of challenge are *you* seeking? Perhaps I can *help* you find a game to... *fully experience*. Don't worry, I won't *let you die*. *Unless you want me to*. *Heheheh*.

C:\RETRERALE>

```

The screenshot shows a VS Code interface with the following details:

- File Explorer:** Shows a project structure for "DOSBOX_RUNNER" containing subfolders like "build", "dist", "Emulators", "Games", "Online", and "src". Inside "src", there are files like "retro_launcher.py", "audio.py", "config.py", "game_manager.py", "launcher.py", "online_chat.py", "online_manager.py", "ui.py", and "utils.py".
- Code Editor:** The main editor area displays "retro_launcher.py" with the following code snippet:

```

from src.launcher import launch_game
from src.ai_chat import load_and_init_ai, save_api_key, ask_flowey
from src.api_client import ApiClient
from src.online_manager import start_chat, stop_chat, submit_coroutine, get_chat_client
# ---- Global State for Online Features ---
SERVER_PROCESS = None
def loglevel(str, message):
    """A local helper to call the main logging function with file paths."""
    setup_and_log(level, message, LOG_FILE, CONFIG_FILE)
# ---- Server Management Functions ---
def start_server():
    """Starts the backend server.py script in a subprocess."""
    global SERVER_PROCESS
    if SERVER_PROCESS and SERVER_PROCESS.poll() is None:
        print_formatted_text(Html("<ansiyellow>Server is already running.</ansiyellow>"))
        return
    server_script_path = CONFIG_FILE.parent / "server.py"
    if not server_script_path.exists():
        print_formatted_text(Html("<ansired>Error: server.py not found at <code>{server_script_path}</code></ansired>"))
        return
    trv:

```
- Terminal:** The terminal shows a session of the Dynamic Retroflow Terminal. It starts with a welcome message and then connects to a chat server. A user named "chirag" connects, followed by "shreyash". They exchange greetings ("hello there") and "hello friend". "chirag" then leaves the chat, and "shreyash" sends a message ("chat send well, hello there"). The session ends with "Flowey" noting that the AI brain isn't working right now.

```

Welcome to Dynamic Retroflow Terminal!
=====
Type 'help' for available commands
Starting for games and cartridges in the background...
C:\RETRERALE> chat connect chirag
Connecting to ws://localhost:8000/ws...
Connected to chat server as 'chirag'
*** chirag joined (2 users online) ***
*** Welcome, chirag! ***
Online (2): shreyash, chirag
???: hello there
C:\CHAT\chirag> []
Disconnected from chat.
C:\RETRERALE> chat connect shreyash
Connecting to ws://localhost:8000/ws...
Connected to chat server as 'shreyash'
*** shreyash joined (2 users online) ***
*** Welcome, shreyash! ***
???: hello there
C:\CHAT\shreyash> []
*** chirag left (1 users online) ***
???: hello friend
C:\CHAT\shreyash> chat send well, hello there
O Flowey: Howdy! My AI brain isn't working right now.
*** chirag left (1 users online) ***
???: chirag joined (2 users online) ***
C:\CHAT\shreyash> chat send hello there
C:\CHAT\shreyash>

```
- Status Bar:** Shows the current file is "retro_launcher.py", the language is Python, and the version is 3.12.6.

The screenshot shows the VS Code interface with the following details:

- Explorer View:** Shows the project structure under `DOSBOX_RUNNER`, including sub-directories like `build`, `dist`, `Emulators`, `Games`, `Online`, and several game files (`Pokemon - Crystal Ve...`, `Pokemon - Sapphire ...`, `zelda.gb`). It also lists source files such as `retro_launcher.py`, `audio.py`, `config.py`, `game_manager.py`, `launcher.py`, `online_chat.py`, `online_manager.py`, `ui.py`, and `utils.py`.
- Code Editor:** The main editor window displays `retro_launcher.py` with code related to launching games and managing servers.
- Terminal:** The terminal window shows a session where a user connects to a chat server running on port 8000. The session includes messages from users `chirag` and `shreyash`, and an AI named `Flowey`. The terminal output is as follows:

```
Disconnected from chat.
C:\RETRERALE> chat connect chirag
Connecting to ws://localhost:8000/ws...
Connected to chat as 'chirag'
*** chirag joined (2 users online) ***
*** Welcome, chirag! ***
Online (2): chirag, shreyash
C:\CHAT> chat send well, hello there
O Flowey: Howdy! My AI brain isn't working right now.
*** chirag left (1 users online) ***
*** chirag joined (2 users online) ***
C:\CHAT> chat send hello there
C:\CHAT>shreyash> chat flowey come here again
O Flowey: Howdy! My AI brain isn't working right now.
C:\CHAT>shreyash> [REDACTED]
```

The screenshot shows a terminal window with the following details:

- Application Settings:** A configuration file is displayed with sections for `SYSTEM PATHS` and `ONLINE FEATURES`.
 - `SYSTEM PATHS` includes paths for Games, Emulators, Config File, and Log File.
 - `ONLINE FEATURES` includes Server Status (Inactive), Server URL (http://localhost:8000), and Chat Status (Disconnected).
- System Status:** The current system time is listed as `CURRENT SYSTEM TIME: 2025-07-13 23:24:14`.

Terminal Shell Edit View Window Help

chiragsingh — RETRERALE — RETRERALE — 178x56

APPLICATION LOG

CURRENT SYSTEM TIME: 2025-07-13 23:24:18

Timestamp	Level	Message
2025-07-13 23:24:02	DEBUG	Found system-installed emulator for &x27;: at: /opt/homebrew/bin/ngba
2025-07-13 23:24:02	DEBUG	Found system-installed emulator for &x27;: at: /opt/homebrew/bin/ngba
2025-07-13 23:24:02	DEBUG	Found system-installed emulator for &x27;: at: /opt/homebrew/bin/ngba
2025-07-13 23:24:02	WARNING	Emulator command &x27;: could not be found locally or in system PATH.
2025-07-13 23:24:02	WARNING	Emulator command &x27;: could not be found locally or in system PATH.
2025-07-13 23:24:02	WARNING	Emulator command &x27;: could not be found locally or in system PATH.
2025-07-13 23:24:02	WARNING	Emulator command &x27;: could not be found locally or in system PATH.
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2025-07-13 23:24:02	WARNING	Emulator command &x27;: could not be found locally or in system PATH.
2025-07-13 23:24:02	WARNING	Emulator command &x27;: could not be found locally or in system PATH.
2025-07-13 23:24:02	WARNING	Emulator command &x27;: could not be found locally or in system PATH.
2025-07-13 23:24:02	INFO	Scan complete. Mapped 25 total games.
2025-07-13 23:24:14	DEBUG	Played sound: &x27;:menu_select&x27;
2025-07-13 23:24:18	DEBUG	Played sound: &x27;:menu_select&x27;

C:\NEMOFLW

Terminal Shell Edit View Window Help

chiragsingh — RETRERALE — RETRERALE — 178x56

CURRENT SYSTEM TIME: 2025-07-13 23:24:42

Command	Description
list	Display the list of local and cartridge games.
play (num)	Launch a game by its number from the list.
info (num)	Show detailed information about a local game.
scan	Force a scan for local/cartridge games.
drives	List all detected cartridge drives.
ai (prompt)	Ask the local AI a question (Flowey).

--- LOCAL COMMANDS ---

Command	Description
server start stop	Start or stop the backend web server.
server scan	Tell the server to scan for new online games.
online list	List games from the online catalog.
online search (q)	Search the online catalog.
online get (id)	Download a game from the catalog by its ID.

--- ONLINE COMMANDS ---

Command	Description
chat connect (user)	Connect to the chat server with a username.
chat disconnect	Disconnect from the chat server.
chat send (msg)	Send a message to the chat.
chat flowey (msg)	Ask the chat's Flowey AI a question.
chat users	List users currently in the chat.

--- CHAT COMMANDS ---

Command	Description
apikey	Set your Google Gemini API key for local AI.
settings	Display current application settings.
log	Display the last few entries from the log.
clear / cls	Clear the terminal screen.
exit	Exit the Retroflow application.

C:\NEMOFLW> server stop
Server is not running.
C:\NEMOFLW> online list

ONLINE GAME CATALOG
CURRENT SYSTEM TIME: 2025-07-13 23:24:58

No online games found or server is unavailable.
C:\NEMOFLW>

