

# PyAutoGUI Script to Automate Console Commands in ARK: Survival Ascended (ASA)

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# Overview

This script automatically enters multiple console commands in ARK: Survival Ascended (ASA) using PyAutoGUI. The program waits for user input before executing predefined commands in the in-game console. These commands aim to optimize graphical settings for improved game performance and can be customized to fit the user's needs.

## Prerequisites

### 1. Python:

Make sure Python is installed on your system. You can download it from: (<https://www.python.org/downloads/>).

### 2. PyAutoGUI:

Install PyAutoGUI via the terminal with the command:

```
pip install pyautogui
```

### 3. ARK: Survival Ascended:

The script works with the ARK in-game console bound to tilde (~). Alternatively, you can edit the script to fit your key bind by changing:

```
pyautogui.press('your_console_key').
```

# Steps to Use the Script

## 1. Ensure ARK is Running

Open ARK: Survival Ascended, and make sure you can access the in-game console by pressing the backtick key (`).

## 2. Run the Script

Open a terminal or command prompt, and run the script by typing:

```
python asaStartup.py
```

## 3. Wait for User Input

You will see the prompt:

```
--Press any key to run script--
```

This gives you time to ensure ARK is ready and the console is accessible.

## 4. Command Execution

After pressing a key, the script:

- Opens the in-game console.
- Types and executes each command listed.
- Displays messages in the terminal indicating successful command entry.

Example:

```
r.VolumetricCloud 0 Entered..  
r.VolumetricFog 0 Entered..  
r.Water.SingleLayer.Reflection 0 Entered..  
r.DistanceFieldShadowing 1 Entered..
```

## 5. Success Message

Once all commands are entered, the user should see a message stating the commands have been successfully entered in-game

## 6. Repeat or Exit

The script stays active, allowing you to re-run the commands as needed (game restarts, updates, etc). To exit the script, simply close the terminal or use 'Ctrl+C' in the terminal to abort the script.

# Use Cases

- Performance Optimization:

Automate commands to enhance game performance by adjusting graphical settings.

- Automating Repetitive Console Inputs:

Automate commonly used commands to save time.

# Conclusion

This PyAutoGUI script provides a convenient way to automate the entry of console commands in ARK: Survival Ascended, making it easier to adjust performance settings quickly. By customizing the script, you can tailor it to your specific needs and save time on a repetitive task in the game.