

Think OS Mod Installation Guide

A Beginner's Guide to Installing and Using Mods

Version 1.0.9

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1. Introduction

Welcome to Think OS! This guide will walk you through the process of installing and using mods (modifications) in Think OS. Mods allow you to add new features, games, and tools to your Think OS experience.

This guide is written for complete beginners. No programming experience is required to install mods, though some experience is helpful if you want to create your own.

2. What Are Mods?

Mods are small Python programs that extend Think OS functionality. They can add:

- New games
- Productivity tools
- Utilities
- Custom applications
- And much more!

Think OS comes with a built-in mods system that makes installation simple and safe.

3. Requirements

Before you begin, make sure you have:

- Think OS version 1.0.9 or higher
 - Python 3.10 or higher installed
 - Basic computer skills (creating folders, downloading files)
-

4. Installing Your First Mod

Follow these steps to install a mod:

Step 1: Obtain a Mod File

Mods are Python files with a .py extension. You can: - Download mods from the Think OS community - Receive mod files from friends - Create your own (see Section 5)

Example mod filename: `password_manager.py`

Step 2: Locate the Mods Folder

When you run Think OS for the first time, it automatically creates a mods folder:

Folder location:

```
your_computer/  
  Think-OS1.0.py  
  think_os_mods/      <- Place mods here
```

The folder is named `think_os_mods` and is in the same location as your `Think-OS1.0.py` file.

Step 3: Place the Mod File

1. Copy your mod file (example: `password_manager.py`)
2. Paste it into the `think_os_mods/` folder
3. That's it! The file is now ready to install

Step 4: Run Think OS

1. Open your terminal or command prompt
2. Navigate to your Think OS folder
3. Run the command:

```
python Think-OS1.0.py
```

Step 5: Login

Enter the password when prompted:

Password: CHANGEME

(Note: You can change this password in the code if desired)

Step 6: Access the Mods Menu

From the desktop menu, select option 7:

7) Mods...

Step 7: Browse Available Mods

In the Mods Center, select option 1:

1) Browse Available Mods

You should see your mod file listed:

Available mod files:

1) password_manager.py - Not Installed

Press Enter to return...

Step 8: Install the Mod

1. Go back to the Mods Center menu
2. Select option 2: "Install New Mod"
3. You will see a list of available mods:

Available mods to install:

- 1) password_manager.py - Ready to Install
- 2) Cancel

Select mod to install: 1

4. Enter the number of the mod you want to install (1 in this example)

Step 9: Add Mod Information (Optional)

The system will ask for optional information:

Installing password_manager...

Enter mod description (optional): Manage passwords securely

Enter mod author (optional): John Smith

Mod installed successfully!

Press Enter to return...

You can leave these blank by just pressing Enter, or add information to remember what the mod does.

Step 10: Run Your Mod

1. From the Mods Center menu, select option 3: “Run Installed Mod”
2. Select your mod from the list:

Installed mods:

1) password_manager
Author: John Smith
Runs: 0

2) Cancel

Select mod to run: 1

3. Press Enter and your mod will start!
-

5. Creating Your Own Mod

Think OS includes a template creator to help you make your own mods.

Using the Template Creator

1. From the Mods Center, select option 5: “Create Mod Template”
2. Enter a name for your mod (no spaces):
Enter mod name (no spaces): my_calculator
3. A template file is created in the mods folder

Template Structure

The template includes this basic structure:

```
# Think OS Mod: my_calculator  
# Created: 2025-10-17
```

```
def run_mod(os_instance):  
    """Main mod function"""  
  
    os_instance.clear_screen()
```

```

print("=" * 50)
print("          MY_CALCULATOR")
print("=" * 50)
print()

print("Hello from my_calculator mod!")
print()

input("Press Enter to return...")

MOD_INFO = {
    "name": "my_calculator",
    "version": "1.0",
    "author": "Your Name",
    "description": "Describe your mod"
}

```

Editing Your Mod

1. Open the created file in any text editor (Notepad, VS Code, etc.)
2. Add your code inside the `run_mod` function
3. Save the file
4. Install and run it through the Mods menu

Basic Mod Example

Here is a simple working mod:

```

def run_mod(os_instance):
    """Simple greeting mod"""

    os_instance.clear_screen()
    print("=" * 50)
    print("          GREETING MOD")
    print("=" * 50)
    print()

    name = input("What is your name? ")
    print()
    print(f"Hello, {name}! Welcome to Think OS!")
    print()

    input("Press Enter to return...")

```

6. Troubleshooting

Problem: “No mod files found in the mods folder”

Solution: - Make sure your mod file ends with .py - Verify the file is in the think_os_mods/ folder - Check that the folder is in the same location as Think-OS1.0.py

Problem: “ERROR running mod”

Solution: - The mod file has a programming error - Check that the mod has a run_mod(os_instance) function - Look at the error message for clues about what went wrong

Problem: “Mod file not found”

Solution: - The mod was installed but the file was moved or deleted - Re-download or restore the mod file to the mods folder - Reinstall the mod

Problem: Mod doesn’t appear in the list

Solution: - Restart Think OS - Check the filename ends with .py - Make sure the file isn’t named __init__.py

7. Frequently Asked Questions

Q: Are mods safe to use?

A: Only install mods from trusted sources. Think OS runs mods with limited permissions, but mods can still access your files and data. Review mod code before installing if possible.

Q: Can I have multiple mods installed?

A: Yes! You can install as many mods as you want. They are all listed in the Mods Center.

Q: How do I uninstall a mod?

A: 1. Go to Mods Center 2. Select option 4: “Manage Mods” 3. Select the option to uninstall a mod 4. Choose the mod you want to remove 5. Confirm the uninstallation

Note: This removes the mod from the installed list but does not delete the file.

Q: Can I share mods with friends?

A: Yes! Simply send them the .py file. They can place it in their mods folder and install it.

Q: Do I need the SDK to use mods?

A: No, the SDK is optional. Basic mods work without it. The SDK just makes creating advanced mods easier.

Q: Where can I find more mods?

A: Check the Think OS community website or forums for user-created mods. You can also create your own!

Q: Can mods break Think OS?

A: Mods run in a controlled environment, but poorly written mods might crash or cause errors. Simply exit and restart Think OS if this happens.

Q: How do I update a mod?

A: Download the new version, replace the old file in the mods folder, and reinstall through the Mods menu.

Quick Reference

File Locations

Main Folder/	
Think-OS1.0.py	(Think OS program)
SDK.py	(Optional SDK)
think_os_data.json	(Saved data)
think_os_mods/	(Mods folder)
README.txt	
your_mods.py	

Mods Menu Options

1. Browse Available Mods - See all mod files
2. Install New Mod - Install a mod from the folder
3. Run Installed Mod - Execute an installed mod
4. Manage Mods - View details and uninstall mods
5. Create Mod Template - Generate a starter mod file
6. Back to Desktop - Return to main menu

Desktop Navigation

From the desktop: - Option 7: Access Mods menu - Option 8: Logout

Support

For additional help: - Check the README.txt file in the mods folder - Review error messages carefully - Ensure Python 3.10+ is installed - Verify file locations are correct

Legal

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IF YOU WANT TO PUBLISH A MOD. approve your mod at the THINK OS FORUMS.

End of Guide

Thank you for using Think OS!

Visit the Think OS community for more mods and support.