

How to Use Conda in Git Bash on Windows (with Common Errors Fixed)

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■ Tested with Miniconda

■ Includes real errors + solutions

■ Written for developers using Git Bash + Conda together

■ Goal

Enable full Conda functionality inside Git Bash — including:

- `conda activate`
- managing environments
- no more “command not found” errors

■■ Problem

After installing Miniconda, you may run:

```
conda --version
```

...and get:

```
bash: conda: command not found
```

Or:

```
bash: /d/Coding/Condas/etc/profile.d/conda.sh: No such file or directory
```

■ Step-by-Step Solution

■ Step 1: Open Git Bash

Open Git Bash via Start Menu or shortcut.

■ Step 2: Add Conda to Git Bash's PATH

If your Miniconda is installed in:

```
C:\Users\GHOSIA\miniconda3
```

Run this in Git Bash (paste using right-click or Shift+Insert):

```
echo 'export PATH="/c/Users/GHOSIA/miniconda3/bin:$PATH"' >> ~/.bashrc
```

■ Step 3: Reload Bash Config

Run:

```
source ~/.bashrc
```

Then check:

```
conda --version
```

■ If You See This Error:

bash: /d/Coding/Condas/etc/profile.d/conda.sh: No such file or directory
You have old/invalid Conda paths in `.bashrc`.

■ Step 3 Fix: Clean `.bashrc`

Run:

```
nano ~/.bashrc
```

Delete lines with `/d/Coding/Condas`

Keep only:

```
export PATH="/c/Users/GHOSIA/miniconda3/bin:$PATH"
```

Then press Ctrl+X, then Y, then Enter.

■ Step 4: Initialize Conda for Git Bash

Run:

```
/c/Users/GHOSIA/miniconda3/Scripts/conda.exe init bash
```

Then:

- Close Git Bash
- Reopen Git Bash

■ Step 5: Activate Conda

Run:

```
conda activate base
```

You should see:

```
(base) GHOSIA@YourPC MINGW64 ~
```

■ Optional: Disable Auto-Activation of (base)

Run:

```
conda config --set auto_activate_base false
```

■ Quick Test

Try creating and activating an environment:

```
conda create -n testenv python=3.11
```

```
conda activate testenv
```

```
python --version
```

```
conda deactivate
```

■ Summary

| Problem | Solution |

|-----|-----|

conda: command not found	Add miniconda3/bin to ~/.bashrc
conda.sh: No such file	Remove broken paths from ~/.bashrc
Nothing works	Run conda.exe init bash
Auto-activating (base)	Disable with conda config

■ Reuse This Guide

You're welcome to copy or adapt this into a README, blog, or GitHub repo.