

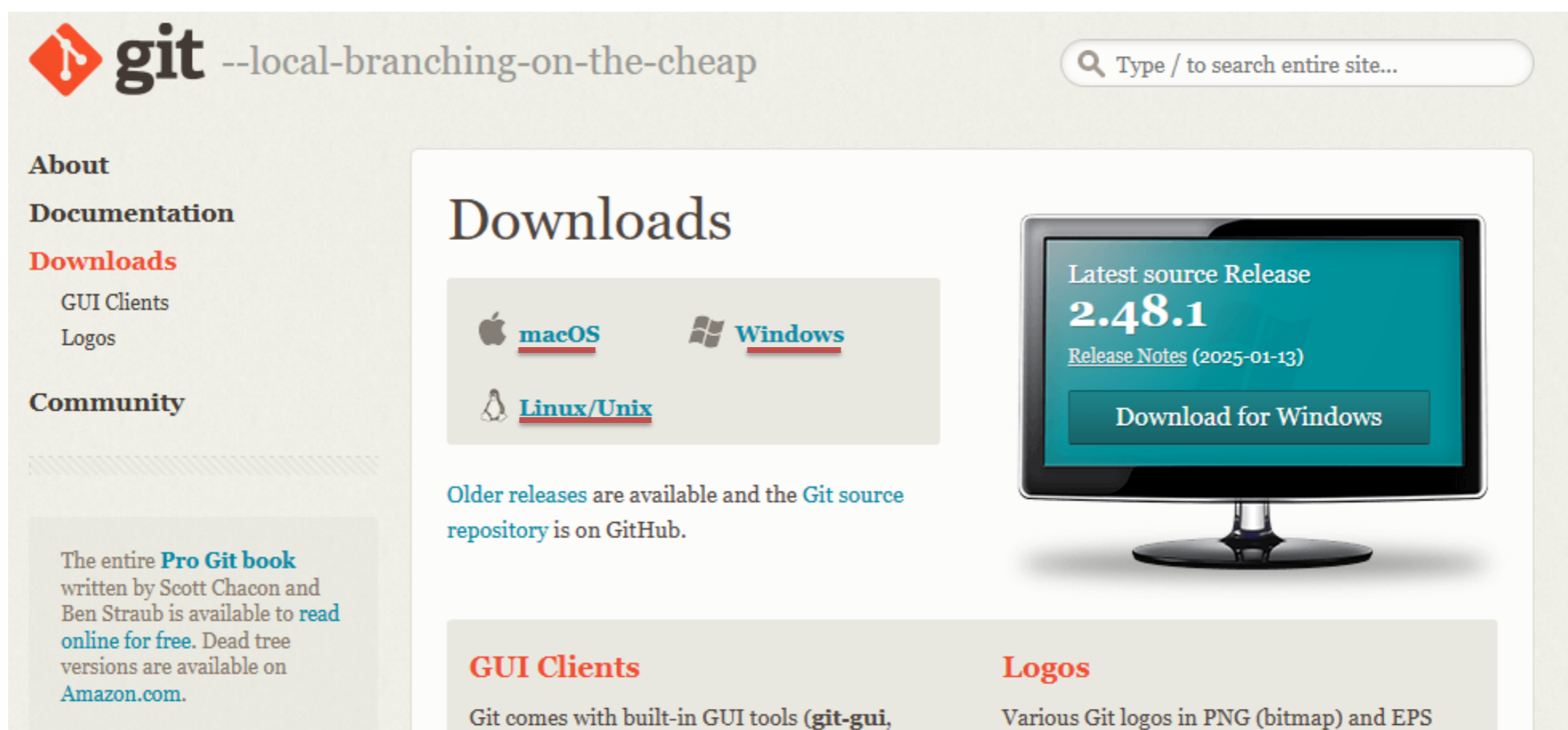
# Git Installation

Software Studio  
DataLab, CS, NTHU

# How to Install

- Download from the link below and select the correct OS based on your requirements.

<https://git-scm.com/downloads>



The screenshot shows the Git website's Downloads page. At the top left is the Git logo with the tagline "--local-branching-on-the-cheap". To the right is a search bar with the placeholder text "Type / to search entire site...". On the left side, there is a navigation menu with links for "About", "Documentation", "Downloads" (highlighted in red), "GUI Clients", "Logos", and "Community". Below the menu is a text box stating: "The entire **Pro Git book** written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#)." The main content area is titled "Downloads" and features three operating system options: "macOS" (with an Apple logo), "Windows" (with a Windows logo), and "Linux/Unix" (with a Linux logo). Below these options, it says "Older releases are available and the Git source repository is on GitHub." On the right side, there is a large monitor graphic displaying "Latest source Release 2.48.1" and "Release Notes (2025-01-13)", with a prominent "Download for Windows" button. At the bottom, there are two sections: "GUI Clients" which states "Git comes with built-in GUI tools (**git-gui**," and "Logos" which states "Various Git logos in PNG (bitmap) and EPS".

# Installation

- Simply follow the installation steps.
- However, please make sure you the following configurations are correctly set.



## Checkout Windows-style, commit Unix-style endings

**Checkout Windows-style, commit Unix-style line endings**

Git will convert LF to CRLF when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Windows ("core.autocrlf" is set to "true").

**Checkout as-is, commit Unix-style line endings**

Git will not perform any conversion when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Unix ("core.autocrlf" is set to "input").

**Checkout as-is, commit as-is**

Git will not perform any conversions when checking out or committing text files. Choosing this option is not recommended for cross-platform projects ("core.autocrlf" is set to "false").

<http://msysgit.github.io/>

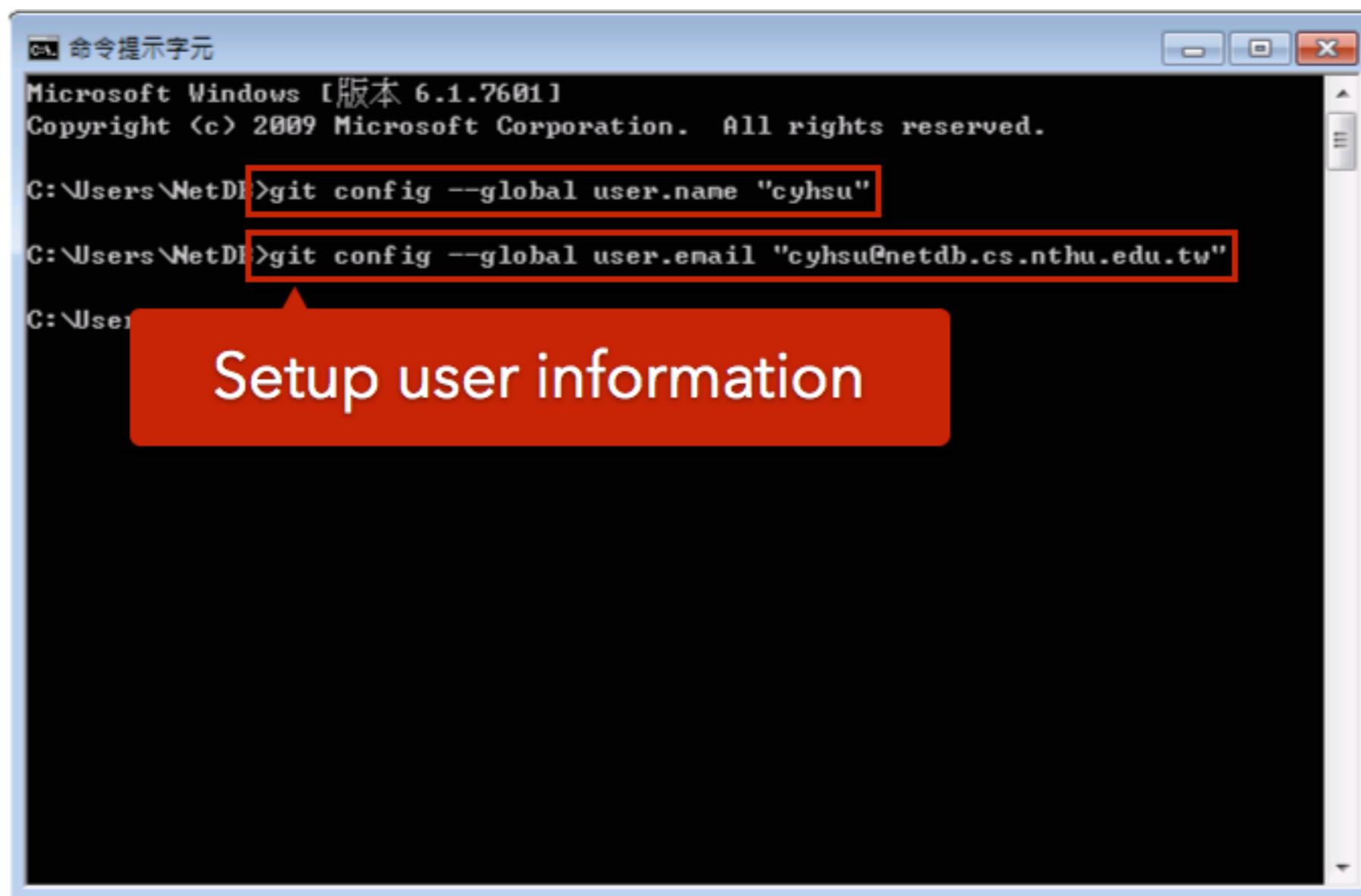
< Back

Next >

Cancel

# What's Next ?

- Setup your information in Git
  - Your name
  - Your email
- This is for identifying yourself in commits, allowing others to see who made each change in a repository.



The screenshot shows a Windows command prompt window titled "命令提示字元". The window displays the following text:

```
Microsoft Windows [版本 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\NetDI>git config --global user.name "cyhsu"

C:\Users\NetDI>git config --global user.email "cyhsu@netdb.cs.nthu.edu.tw"

C:\User
```

Two red boxes highlight the commands: `git config --global user.name "cyhsu"` and `git config --global user.email "cyhsu@netdb.cs.nthu.edu.tw"`. A red callout box with a white background and black text points to the second command, containing the text "Setup user information".

```
$ git config --global user.name "name"
$ git config --global user.email "email"
```