

TortoiseGit save user authentication / credentials

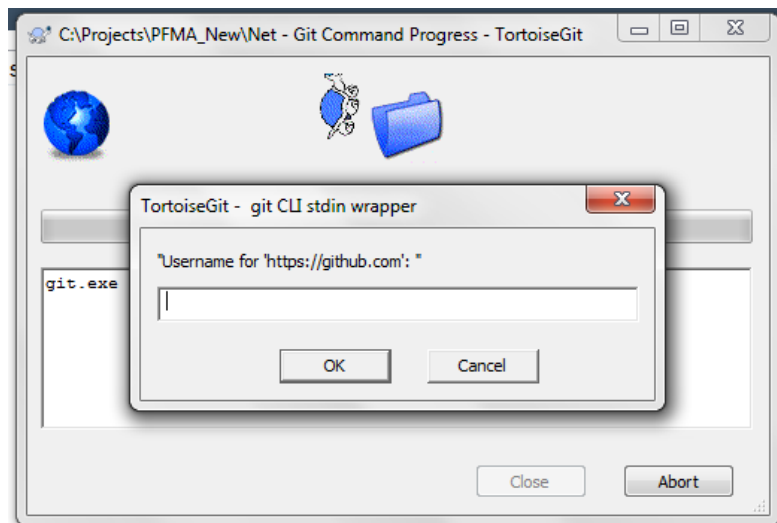
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▲ Is there a way to save GITHUB's user credentials with TortoiseGit?

269 ▼ It prompts me the below dialog every time whenever I do a push/pull.

★ I would like to save my user credential information somewhere like how I did with TortoiseSVN.

59



[git](#) [github](#) [tortoisegit](#)

edited Dec 29 '15 at 23:28



MrTux

21.7k 15 61 100

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Murali Murugesan

17.2k 14 55 102

-
- 1 See also: stackoverflow.com/questions/8846972/tortoisegit-asking-password – ShloEmi Oct 7 '13 at 6:03
-

You can also use Credential Manager to save/manage credentials. stackoverflow.com/a/31782500/730676 – user730676 Oct 11 '18 at 12:25

9 Answers



For TortoiseGit 1.8.1.2 or later, there is a GUI to switch on/off credential helper.

336



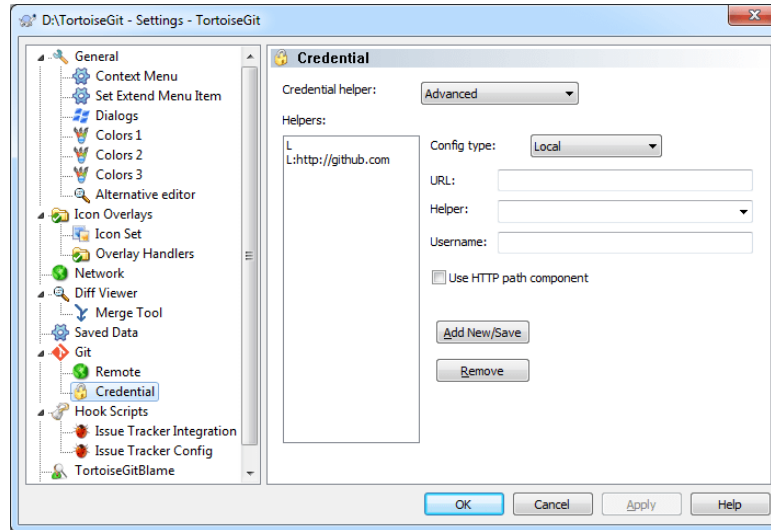
It supports `git-credential-wincred` and `git-credential-winstore` .



TortoiseGit 1.8.16 add support for `git-credential-manager` (Git Credential Manager, the successor of `git-credential-winstore`)


For the first time you sync you are asked for user and password, you enter them and they will be saved to Windows credential store. It won't ask for user or password the next time you sync.

To use: Right click → TortoiseGit → Settings → Git → Credential. Select Credential helper: wincred - this repository only / wincred - current Windows user



edited Jan 5 '16 at 13:23

answered Mar 12 '13 at 1:23

 **linquize**
14.8k 8 48 72

34 Neat. Now how do I use it? – [BlueRaja - Danny Pflughoeft](#)
Aug 16 '13 at 1:59

13 Right click -> TortoiseGit -> Settings -> Git -> Credential.
Select Credential helper: wincred - this repository only
/ wincred - current Windows user – [linquize](#) Aug 16 '13 at 2:14

32 No, you must enable credential helper first. For the first time you sync you are asked for user and password, you enter them and they will be saved to Windows credential store. It won't ask for user or password the next time you sync. – [linquize](#) Oct 9 '13 at 1:45

6 Note: this won't work if your username contains an @ ! At least for me, also this is a reported bug:

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- 3 For TortoiseGit 1.8.16 and above, install the Git Credential Manager for Windows - github.com/Microsoft/Git-Credential-Manager-for-Windows - and then follow instructions above. GCM also handles the creds for git within Cygwin/babun which is nice. – [DrStrangePork](#) Jan 14 '16 at 19:07



If you're going to downvote this answer

63



I wrote this a few months prior to the inclusion of git-credential in TortoiseGit. Given the number of large security holes found in the last few years and how much I've learned about network security, I would HIGHLY recommend you use a unique (minimum 2048-bit RSA) SSH key for every server you connect to.

The below syntax is still available, though there are far better tools available today like `git-credential` that the accepted answer tells you how to use. Do that instead.

Try changing the remote URL to

`https://username@github.com/username/repo.git` where `username` is your github username and `repo` is the name of your repository.

If you also want to store your password (not recommended), the URL would look like this:

`https://username:password@github.com/username/repo.git` .

There's also another way to store the password from this github help article: <https://help.github.com/articles/set-up-git#password-caching>

edited Jul 21 '15 at 11:22



Robert Rouhani

13k 5 38 54

Where i can see the remote url? In Settings -> Remote -> Url is empty. But i given git url when i do clone first time –

[Murali Murugesan](#) Dec 22 '12 at 5:09

2 Click on "origin" in the Remote menu to bring up the URL –

[Robert Rouhani](#) Dec 22 '12 at 5:10

I think it is working, but unable to verify as i am getting 'git did not exit cleanly (exit code 128)' – [Murali Murugesan](#) Dec 22 '12 at 5:15

oops, pulled the URL from an old example. A quick look on one of my repos shows that the URL should actually be:
https://username@github.com/username/repo.git where both instances of username are your username. Updated the answer. – [Robert Rouhani](#) Dec 22 '12 at 5:21

1 This solved the problem much faster and in a simpler way:

stackoverflow.com/questions/8846972/tortoisegit-asking-password – [ShloEmi](#) Oct 7 '13 at 6:01



None of the above answers worked for me using git version 1.8.3.msysgit.0 and TortoiseGit 1.8.4.0.

25



In my particular situation, I have to connect to the remote git repo over HTTPS, using a full blown e-mail address as username. In this situation, wincred did not appear to work.

Using the email address as a part of the repo URL also did not work, as the software seems to be confused by the double appearance of the '@' character in the URL.

I did manage to overcome the problem using winstore .
Here is what I did:

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- Run `git-credential-winstore.exe` to install it.

This will copy the `git-credential-winstore.exe` to a local directory and add two lines to your global `.gitconfig`. You can verify this by examining your global `.gitconfig`. This is easiest done via right mouse button on a folder, "TortoiseGit > Settings > Git > Edit global `.gitconfig`". The file should contain two lines like:

```
[credential]
  helper = !'C:\\Users\\yourlogin\\AppData\\Roaming\\'
winstore.exe'
```

- No other TortoiseGit settings are needed under "Network" or "Credential". In particular: the "Credential helper" pull down menu under "Credential" will have gone blank as a result of these configuration lines, since TortoiseGit does not recognize the new helper. Do not set the pull down menu to another value or the global `.gitconfig` will be overwritten with an incorrect value! (*)

You are now ready to go:

- Try to pull from the remote repository. You will notice an authentication popup asking your username and password, the popup should be visually different from the default TortoiseGit popup. This is a good sign and means `winstore` works. Enter the correct authentication and the pull should succeed.
- Try the same pull again, and your username and password should no longer be asked.

Done! Enjoy your interactions with the remote repo while `winstore` takes care of the authentication.

(*) Alternatively, if you don't like the blank selection in the

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- Go to "TortoiseGit > Settings > Credential"
- Select Credential helper "Advanced"
- Click on the "G" (for global) under Helpers
- Enter the Helper path as below. **Note:** a regular Windows path notation (e.g. "C:\Users...") will not work here, you have to replicate the exact line that installing `winstore` created in the global `.gitconf` without the "helper =" bit.

```
! 'C:\\Users\\yourlogin\\AppData\\Roaming\\GitCredStore
```

- Click the "Add New/Save" button

answered Aug 17 '13 at 7:01



Patrick Atoon

579 5 6

You pointed me in the right direction. Just needed to use "wincred - current Windows user" and enter the username NOT the email address. That solved everything. – [Razze](#) Aug 17 '15 at 9:42 ✎

I'm glad it helped you on the right track! However, the point in my case has to do exactly with the use of an email address. This contains an "@" and will cause problems if you try one of the other recipes. – [Patrick Atoon](#) Aug 17 '15 at 20:55 ✎

-
- 2 Um, %40 is the code for '@' so if you tried '[myEmail%40gmail.com@github.com/username/repo.git](#)' you will be able to put your email address in the `.config` Still not recommended but, it is possible. – [Tom Padilla](#) Oct 19 '15 at 12:25

This is the correct, proper way to do this. Download the installer from [Microsoft/Git-Credential-Manager-for-Windows/releases](#), then right click the `setup.exe` file, and run as admin. – [user257319](#) Oct 20 '15 at 7:14 ✎

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For msysgit 1.8.0, download git-credential-wincred.exe from <https://github.com/downloads/msysgit/git/git-credential-wincred.zip> and put into C:\Program Files\Git\libexec\git-core

For msysgit 1.8.1 and later, the exe is built-in.

in git config, add the following settings.

[credential] helper = wincred

answered Dec 22 '12 at 5:58



linquize

14.8k 8 48 72

Where did you find Tortoise Git 1.8.1.2? I only see 1.8.1.0 on their site – [Ken Sykora](#) Mar 12 '13 at 18:27

TortoiseGit 1.8.1.2 is a Preview release. – [linquize](#) Mar 12 '13 at 23:23

7

Saving username and password with TortoiseGit

Saving your login details in TortoiseGit is pretty easy. Saves having to type in your username and password every time you do a pull or push.

1. Create a file called _netrc with the following contents:

```
machine github.com
login yourlogin
password yourpassword
```

2. Copy the file to C:\Users\ (or another location; this just happens to be where I've put it)

3. Go to command prompt, type cd %home% C:\Users\

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Note: if you're using something earlier than Windows 7, the setx command may not work for you. Use set instead and add the home environment variable to Windows using via the Advanced Settings under My Computer.

CREDIT TO:

<http://www.munsplace.com/blog/2012/07/27/saving-username-and-password-with-tortoisegit/>

answered Jun 23 '13 at 12:21



Anthony Keane

489 7 14

-
- 2 That one is the very best solution ! But can you explain the relationship between _netrc file and git ? Can this file store more than one realm ? – Alex Byrth Feb 16 '16 at 23:59
-



[open git settings (TortoiseGit → Settings → Git)][1]

5

[In Glt: click to edit global .gitconfig][2]



[config username and password](#)

answered May 16 '17 at 4:36



thinhnv

51 1 3



This wtry this, Right-click --> Tortoise Git --> Settings --> Git --> Credential --> Choose "Wincred, all Windows users" --> Hit apply

2

it will ask password only once.



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answered Aug 9 '17 at 10:57



APP

41 8

Please use the term "TortoiseGit". – [Yue Lin Ho](#) Sep 19 '17 at 8:51



If you are a windows 10 + TortoiseGit 2.7 user:

1

1. for the first time login, simply follow the prompts to enter your credentials and save password.



2. If you ever need to update your credentials, don't waste your time at the TortoiseGit settings. Instead, windows search>Credential Manager> Windows Credentials > find your git entry > Edit.

answered Jan 11 at 17:08



Denis Wang

381 4 10



Goto the project repo, right click -> 'Git Bash Here'

0

In the git bash windows type



```
cd ~  
pwd
```

i get something like this

```
/c/Users/<windows_username>
```

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```
C:\Users\<windows_username>\.ssh
```

i got the below files there

```
id_rsa  
id_rsa.pub  
known_hosts
```

here

Now when ever it needs to use the credentials it uses these files and prompt for password if needed.

answered May 24 '18 at 15:48



[rajeshk](#)

412 1 7 18