Developer Install

Who needs to read this page?

Github and MediaPortal 1 are open to read for everybody.

> (i) If you just want to get a readonly copy of the MediaPortal 1 repository, you do not need to read this page.

If you are a team member who wants to change code and push it to our Github repository, you need to have read/write access to the repository. On the MediaPortal 1 site at Github, Github provides different Git URLs which can be used in different situations. To have read/write access, you need to connect your local Git repository with a read/write URL, typically the SSH URL shown at the *Source* page of the MediaPortal 1 site on Github. To setup your system and to become able to push changes to Github, you can read the following guide to set-up your system. It depends a bit from your configuration which steps are exactly needed. For example, I use GitExtensions and TortoiseGit both together with msysgit. Others might use another configuration.
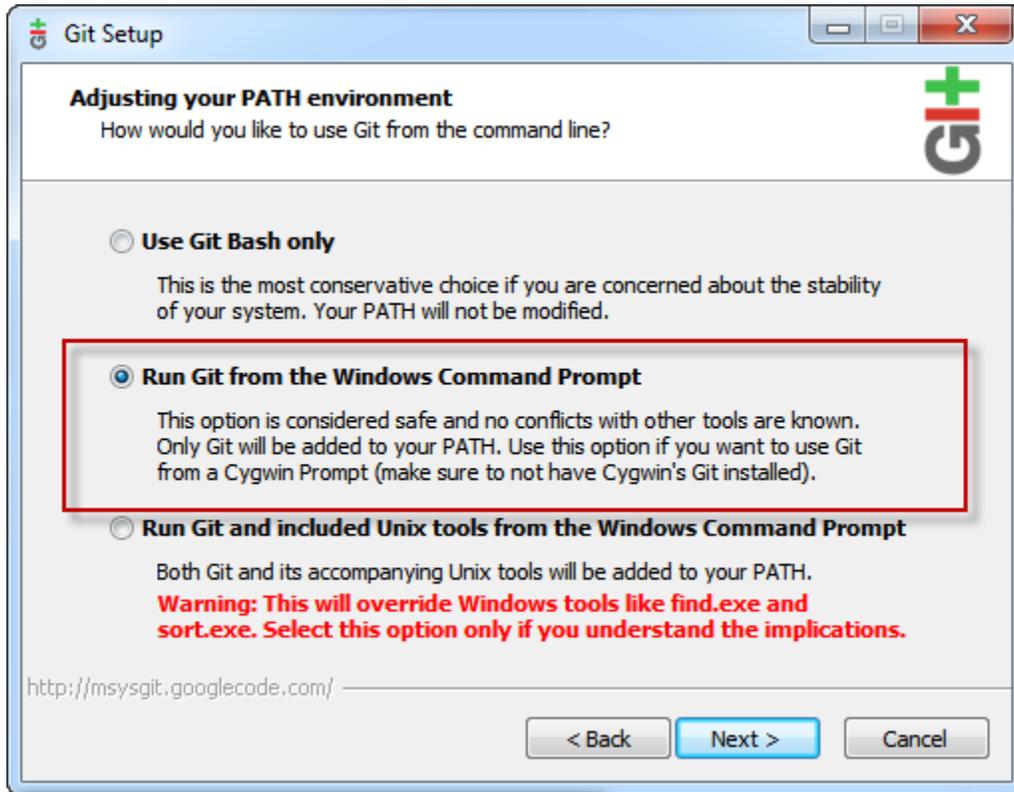
Needed Software

First of all you need to download the following programs:

- Git for Windows (Git-1.8.0-preview20121022.exe)
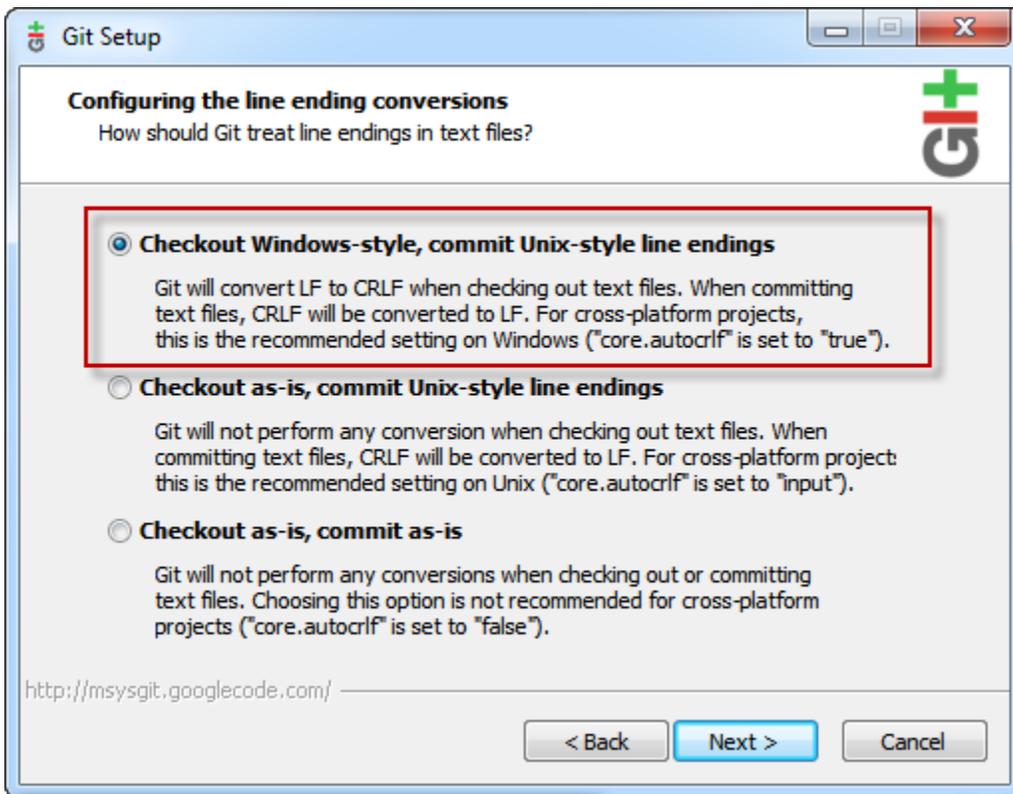- TortoiseGit (TortoiseGit-1.7.15 / 32bit or 64bit depend of your OS)

During this installation you have to set some important settings. Please be sure that you set them correctly.

Installing msysGit

- Start Installation program and follow the assistant
- at "Adjust your PATH environment" select "**Run Git from Windows Command Prompt**"
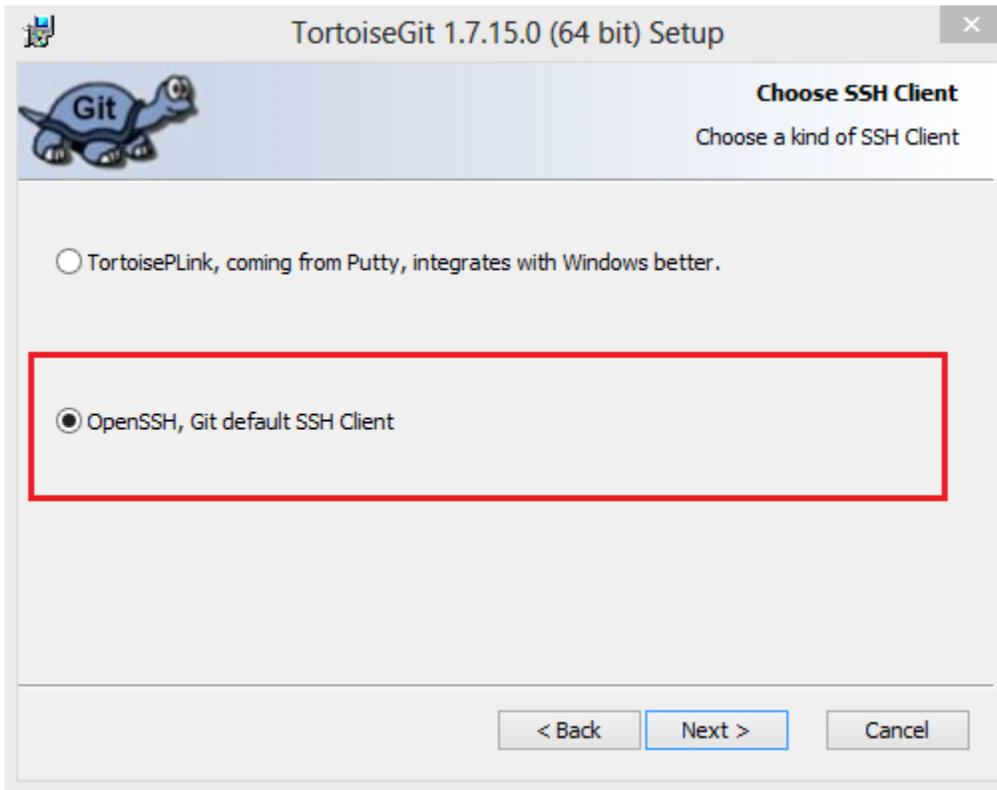

- at "Configuring the line ending conversions" select "**Checkout Windows-style, commit Unix-style line endings**"

Installing TortoiseGit

- Start Installation program and follow the assistant
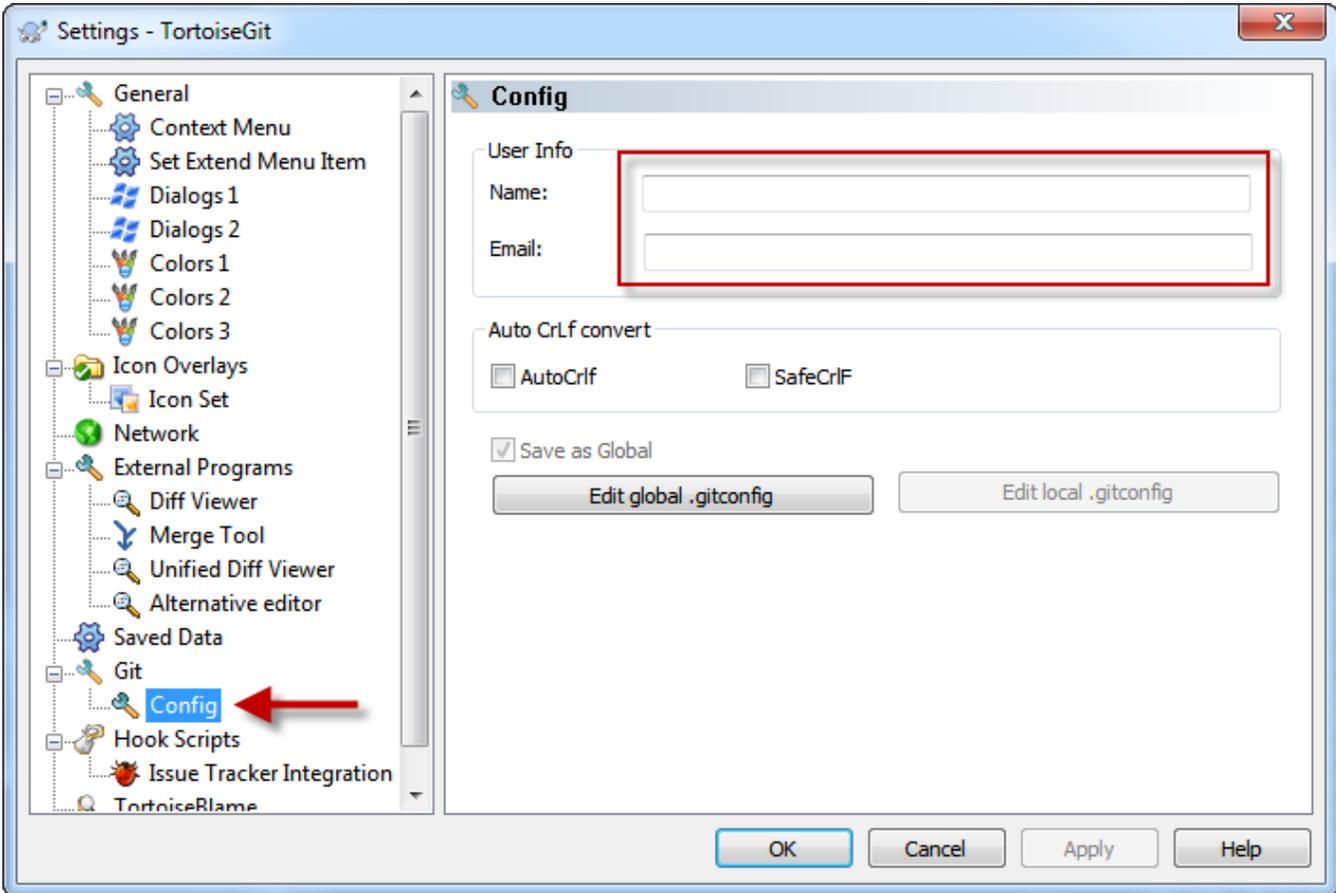- At "Choose SSH Client" select "**OpenSSH, Git default SSH Client.**"

Create a SSH-Key

- Refer to this link to create you SSH key and insert into your GITHUB account setting.

Config TortoiseGit

- Right click in the Explorer window on a file or an directory to call up the context menu
- Select **TortoiseGIT->Settings**
- Select **Config**
- Input your **Name** and **Email** from your GitHub account

Download The MediaPortal-1 repo

- Right click in the Explorer window blank
- Select **GIT Clone...**
- Select **URL :** ssh://git@github.com/MediaPortal/MediaPortal-1
- Directory will be filled : D:\MediaPortal-1
- Click **OK**
- Enter the **password** created from SSH setup.
- Repo will be clone.

Git clone - TortoiseGit

Clone Existing Repository

URL: ssh://git@github.com/MediaPortal/MediaPortal-1 ⌄   Dir... ▼

Directory: D:\MediaPortal-1   Browse

☐ depth   0   ☐ Recursive   ☐ Clone into Bare Repo

☐ Branch   ☐ No Checkout

☐ Load Putty Key   ⌄   ...

From SVN Repository

☐ From SVN Repository

☐ Trunk: trunk   ☐ Tags: tags   ☐ Branch: branches

☐ From: 0   ☐ Username:

OK   Cancel   Help