Git on MS Windows

I'm no fan of that OS but still some people are working with it - so here is a short installation tutorial for working with git on a ms windows machine.

Software

You have to install three software packages:

- PuTTy: for the ssh connection and for generating ssh key pairs (http://the.earth.li/~sgtatham/putty/latest/x86/putty-0.61-installer.exe)
- msysGit: provides git for windows (ttp:*msysgit.googlecode.com/files/msysGit-fullinstall-1.7.6-preview20110708.exe) * TortoiseGit: a nice integration of the git commands into the Windows Explorer (like Tortoise SVN for Subversion) (http://code.google.com/p/tortoisegit/downloads/list) note that there is a 32-Bit and 63-Bit msi installer ==== Generating a ssh key-pair ==== * start puttygen.exe * press generate and move your mouse in the small screen * Optional and i don't know if TortoiseGit can handle passphrase protected keys: you can type in a passphrase to protect your key - then you will be asked for it when you connect via ssh. * save private and public key ==== Create a empty git repository ==== Create a local repository - open Windows Explorer: * Create an empty folder and right-click into it. * Choose “Git Create repository here” * Create repository Repository Settings (right click and go to repository settings) - Git → Config * set your username * set your email * set your full name - Git → Remote (and click on “Add new”) * insert url: ssh:*username@iis.uibk.ac.at:2222/projects/git/REPONAME
    - PuTTy Key: select the private key you generated

Pulling a repository

right click on the directory (git repository)

- in the Tortoise-Git Menu select 'Pull'
- for 'remote' select 'origin'
- check 'AutoLoad Putty Key'
- for 'Remote Branch' select or type 'master'

If you want some screenshots and/or a more detailed installation tutorial with screen-shots - have a look at http://dbanck.de/2009/10/08/github-windows-and-tortoisegit-part-1-installing-pulling/

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Permanent link:
https://iis.uibk.ac.at/collab/git-ms?rev=1317803791

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