Configuring a .netrc file for automatic user authentication with bitbucket.org

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Description:

HOWTO configure the .netrc file to allow automatic user credentials authentication with https://bitbucket.org

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1. Introduction

The purpose of this document is to explain the steps required to enable automatic user credentials authentication with https://bitbucket.org or any other git repository system which is authenticated by means of a username and password.

Note

You do not need this system to work with https://github.com for instance, as github uses SSH keys to authenticate with the repositories. If you do not wish credentials to be required when interacting with github through git, simply create a SSH key with no password.

2. Configuring the .netrc file

The .netrc file was developed initially for storage of user credentials to permit autologin to remote FTP hosts. It must be stored in the user's home directory. eg: /home/david/.netrc

It is a good idea to make sure that only the user has read/write access to this file, so be sure to run the following chmod command on the .netrc file once populated *chmod 600 .netrc*

```
david@David-Netbook:~$ ls -al .netrc
-rw------- 1 david users 67 Sep  8 20:59 .netrc
```

The following is an example layout for adding your bitbucket credentials to the .netrc file.

```
machine bitbucket.org
login yourbitbucketusername
password yourbitbucketpassword
```

This should now take effect immediately. When interacting with bitbucket.org through git, it should no longer ask you for a username or password for the site.

3. Bibliography:

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