# Instructions for the use of  Cave Registry Data Archive

The cave data available here is  in the form of files and directories that can be easily downloaded  and used on a your home computer.   The purpose of the Cave Registry is to back-up and share these  files among anyone who is interested so that the  data can be improved and updated more efficiently than  is currently the case.

The tool we use to back-up, update and share files efficiently is called a   Version Control System (VCS)                                                                                    .   It is how almost all programming teams share and develop their source code.

For this data we are using the  Subversion  version control system.

## Definitions

  **repository** A single set of files and directories comprising one survey data set.   For example,  cave-registry.org.uk/svn/Yorkshire  is the repository of cave survey data from Leck Fell.                                                                      **checkout** The first time you copy the contents of a repository from the  Cave Registry to your home computer.

**update**
Each subsequent time you copy recent changes to the repository from  the Cave Registry onto your home computer.

**commit**
The act of uploading the changes and additions to the cave data files  you have made on your home computer back to the Cave Registry.

**commit message**
The note you write each time you commit a batch of files  to the repository which describes the changes made.

**revision**
The state of the repository (the set of files and directories)  at some point in the past between two consecutive commits.

**rollback**
The act of undoing a recent series of commits to the repository,  usually after a mistake.

**revert**
The act of discarding the changes you have made to your files without committing them.

## Instructions for Windows users

   1.  Download and install  TortoiseSVN .   This will add some extra functions into the File Explorer for handing  Subversion repositories.
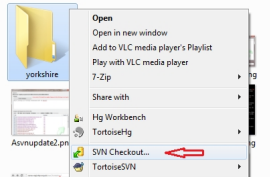
2.
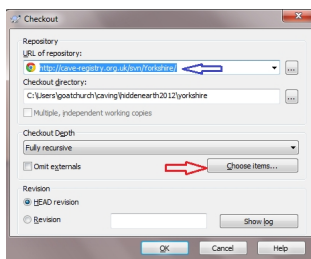


Click the link on the   Cave Registry   corresponding to the repository you want to checkout,  and copy the URL from the browser.

3.



Create a new empty directory on your own computer, right click on it with your mouse, and select the **SVN Checkout** option.
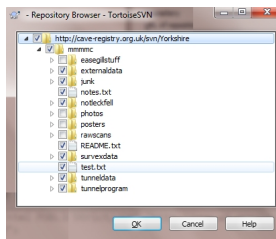
4.



Paste the URL of the repository into the first line of the  dialog box (see the blue arrow)
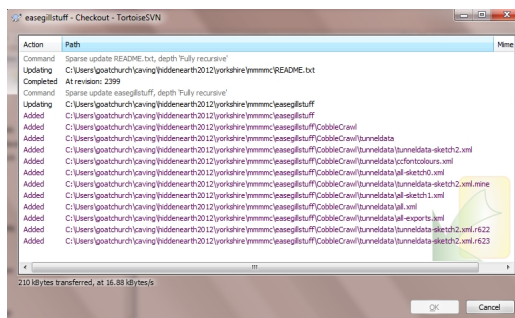
5. 

*Optional:* You can avoid downloading everying (scans, photos, posters adding up to over a Gigabyte) by  clicking on the [Choose items...] button and unticking those directories that  you know are huge.

6. Click **[Okay]** and watch all that lovely cave  data being checked out onto your hard disk.



7. At any later time you can right-click on the same directory and select **SVN update** (even if you have interrupted the check out) to receive the most recent changes.

8.

| Name | Date modified | Type |
|------|---------------|------|
| Barbondale | 26/06/2012 20:26 | File folder |
| BruntskillPot | 15/05/2012 16:19 | File folder |
| BumblingHole | 15/05/2012 16:18 | File folder |
| CoalHole | 26/06/2012 20:26 | File folder |
| DeathsHeadHole | 26/06/2012 20:26 | File folder |
| EaseGill | 26/06/2012 20:26 | File folder |
| EastKingsdale | 26/06/2012 20:26 | File folder |
| EyeHoles | 26/06/2012 20:26 | File folder |
| GavelPot | 26/06/2012 20:26 | File folder |
| GetDownShep | 12/09/2012 14:00 | File folder |

## Further information

You will need to have an account with a password in order to commit changes to any repository. Send your details (your choice of user name and which repository you need write access to) to Andrew Atkinson data@cave-registry.org.uk

This service follows the proposal outlined in   Compass Points 25 .   A previous set of instructions in PDF form can be downloaded from
here
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