STROMOHAB INTERNAL MEMO

DATE: 03/11/2008

TO: PHIL JEPSON, M ZHAO

CC: ADAR PELAH

FROM: MAT GILBERT

RE: ACCESSING STROMOHAB SERVER REPOSITORY

Due to speed issues with the online Assembla repository, a new filestore has been set up on the server machine in the lab (appc01.ohm.york.ac.uk). All data is stored in a Subversion repository – accessing files in this way should help ensure software development moves as smoothly and efficiently as possible. Subversion allows version and change tracking, as well as merge functionality, providing a very powerful way for multiple developers to develop code in parallel. The basic idea of Subversion is that all files are stored centrally, with developers making local "Working Copies" of the files. Once fully tested, files can then be merged back into the main repository. It is envisaged that the directory structure of the filestore will develop alongside the project design. Periodic updates to an external server will provide off-site project backup (details to be finalised). The repository also makes an ideal place to store all project related files and documentation, such as this document.

Access to the filestore is via a Subversion client – my suggestion is TortoiseSVN for windows, as this client integrates with the MS Windows IDE, providing options through the context (right-click) menu system. To check if TortoiseSVN is installed on your machine, simply right-click any file in Windows Explorer – if no commands relating to TortoiseSVN appear, the installation file can be downloaded from: http://tortoisesvn.net/ . The official documentation can be found here: http://tortoisesvn.net/support . For more details on the Subversion file repository system, a very good resource is the developer's book: "Version Control With Subversion", which can be found here: http://svnbook.red-bean.com/en/1.5/svn-book.pdf .

In order to access the repository, obviously appc01 must be switched on – the Subversion server (svnserve) is installed as a Windows Service, set to start on booting, so the repository will be active even if no user is logged on the machine.

Details of Subversion Repository on Appc01:

User logins created: mag501 pj10   mz503

User passwords: All passwords are "stromohab" without the ""

Repository location: c:\svn_repos_Stromohab   (on appc01)

Service name: svn_appc01   (accessible via Start > Run > "services.msc")

Service display name: "Subversion Repository on Appc01"