Sci Ed Software

Using Clone Share in Clone Manager

Clone Share is a companion application to Clone Manager and is used for sharing of molecule files. Clone Share enables you to use Clone Manager to share molecules with your colleagues. Because the Clone Share application is installed as a web service on your network, it can be configured to share within your lab group, or share with collaborators in different departments. It can also be used to access your shared molecules when you are travelling or off site.

The Clone Share application differs from a simple network file share in that changes to a molecule saved by one person automatically update all connected users.

Using the Clone Share application requires this module to be installed on a web server within your network. If the Clone Share module is not already installed, please ask your network administrator to install it - instructions for installation are available at our web site https://scied.com in the Documents section. If you prefer, you can install Clone Share on a local lab computer.

To connect to a Clone Share you will need to know the connection information (URL and Name). Your administrator will provide you with information on where the Clone Share web server is installed. You will need the URL to access the web server and the Share name that contains the molecules that you want to access. Examples of URL = http://webserver.university.edu:8000; Share name = LabMolBiol.

More information about using the Clone Share companion application from Clone Manager is available in the Clone Manager Help file (Menu File, Help) under the topic 'Using Clone Share'. The help topic provides task-based instructions and provides details on how to perform more advanced functions such as maintenance and organization. The following sections provide an overview of how the Clone Share application works so that you can quickly be using molecule sharing to assist your work.

Getting Started

You can access the Clone Share module by starting Clone Manager and clicking menu File, Clone Share, Open From. The first time you access the module you will be asked to configure your first share.

A share is defined by 2 parameters: the URL to access the web server and the name of the share that you want to access. Your Clone Share administrator will give you this information and you will enter this information in the Clone Share Definition dialog.

Your Clone Share Administrator may have implemented account access control to provide a more secure sharing environment. In this case they will also provide you with a user name and password. These should also be entered into the Clone Share Definition dialog.

The final field (Display name) is optional and it is recommended to leave the field blank. In this case, the name displayed will be the name of the Clone Share. You can use this field should you want a more personal name or to distinguish shares with the same name from 2 different web servers.

Clone Shares Dialog

The dialog consists of 4 areas.

Toolbar buttons: Add, Edit, Remove, Move Up and Move Down. These buttons are used to manage the available Clone Shares. Use the Add button to add an additional Clone Share. The Edit button will show you the current definition of the share and optionally allow you to make any changes. The Remove button will remove the selected share. Note that removing a share does not delete the molecules contained in the share but only removes your access to those molecules. Move Up and Down allow you to reorder the list of available shares so that your most used shares are at the top and easiest to use.

Bottom panel: contains action buttons but is also used to display any error messages that may occur. For example, you will see an error message if you attempt to save a molecule to a place where you do not have permission to write.

Left panel tree display: shows the shares that are available to use. You can add shares by clicking the toolbar Add button. Use the other toolbar buttons to make any changes to the display. You can also right click an item in the tree display to add a folder (see Advanced options, below) which allows you to organize your molecules into categories.

Right panel list display: shows the list of folders and molecules available in the Clone Share selected in the left panel tree display. If you have more than one share defined then you can click the node in the left panel tree display to select which one you want to use and the contents of that share will appear in the right panel list.

To load a molecule, click on the icon for the molecule. Note that the label is a short descriptive name for the molecule and is used to enable you to know which molecule to select – it may not be the actual or official name of the molecule that will display on graphic maps and Clone Manager windows.

You, or your administrator, may organize your molecules into folder collections to facilitate finding molecules related to a specific purpose. In this case, the right panel list will also show folder icons. Clicking a folder icon will open that folder and show you its contents. The left panel tree will also show you the hierarchy of opened folders so that you can quickly return to a higher level if needed.

Saving to Clone Share

To save a molecule to a Clone Share you need to have permission to write to that share. If you see the error message 'Write not permitted' then you should contact your administrator so that they can give you the required access permission.

To save the active molecule to a Clone Share, click menu File, Clone Share, Save to. If necessary, use the left and right panels to navigate to where you want to save your molecule. The bottom panel contains a data entry box with the label that will be used to save your molecule. This label will default to the actual name of the molecule but you can change it if you want to save several versions of the same molecule. Note that this label is only used for display within the Clone Share dialog and does not change the actual name of the molecule as it will be displayed within Clone Manager. It is a good idea to use a short name. Long names will be truncated in the display but you can see the full name by hovering your mouse over the item.

Advanced Options

These options allow you to organize your molecules within a Clone Share. They are accessed from the mouse right click menu. The Clone Manager help file provides more information about each specific task.

To add a folder, right click on a node in the left panel tree display and enter the name for the folder. Press the Enter key to create the folder.

To rename, delete or move a molecule or folder, right click on the node in the right panel list display.

You can select multiple items by holding down the control, or shift, key when you click an item with the mouse. With multiple items selected, right click one of the selected items. The popup menu gives you the option to delete or move all of the selected items.

You can load or select multiple molecules to load using the control, or shift, keys and clicking item(s) to select. Press the Select button to finalize your selection.

Upload Multiple Molecules to Clone Share

If you have a collection of files stored on your local computer, you can quickly upload the whole collection to Clone Share using the Multiple File Converter located on the File, Other Tools menu of Clone Manager. Select the option 'Molecule files – Upload to Clone Share' and select the folder(s) or file(s) using the toolbar on the right. On the next page of the wizard, use the Browse button to select where you want to save your molecules. You need to have write permission to upload to a Clone Share; your administrator can give you this permission if needed.