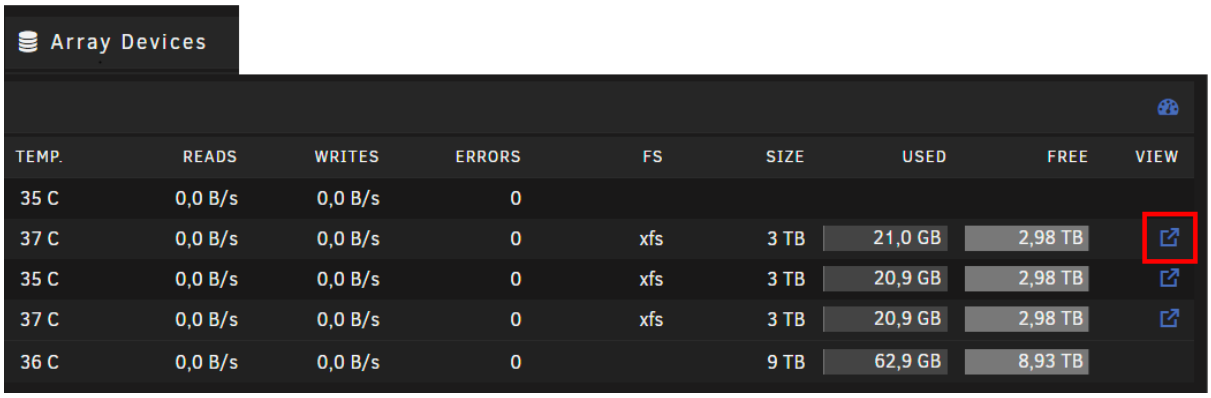
Dynamix File Manager (DFM)

DFM is an extension to the built-in file browser functionality of the GUI and allows the user to do file management on the array. File operations include copy, move, delete and rename, while it is also possible to change owner and permissions of files.

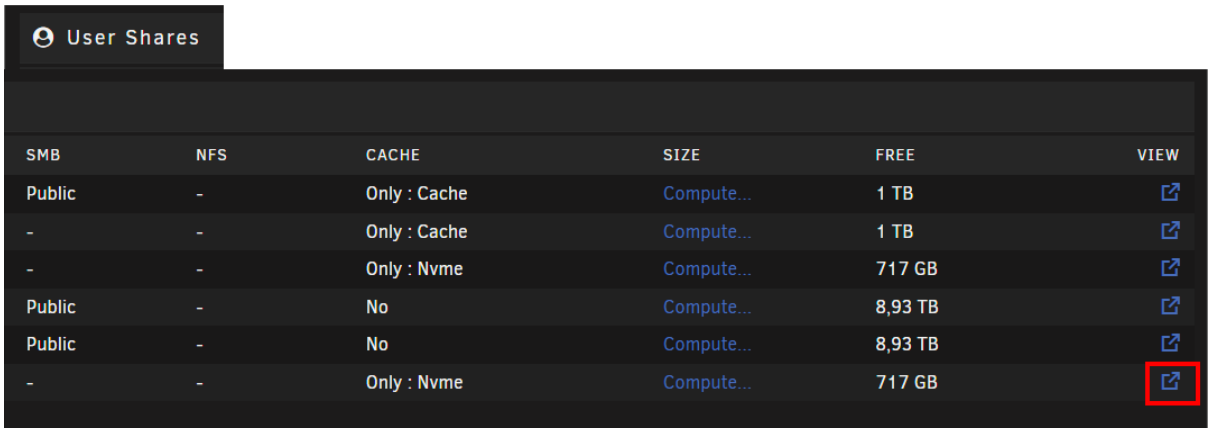
There are several ways to access DFM. The usual way is either from the **Main page** to access a particular disk or from the **Shares page** to access a particular user share.

Main page access



Click on the *View* button of a device to see the content of the selected device.

Shares page access

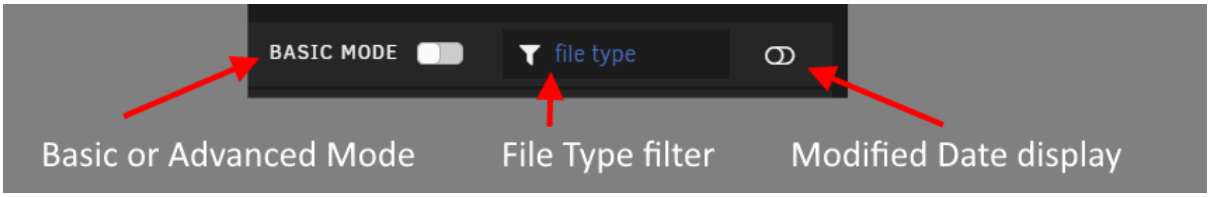


Click on the View button of a user share to see the content of the selected share.

Header menu access

Click on the DFM icon in the header menu to see the content of the array at the top (device) level. This access is available from anywhere in the GUI.

Basic and Advanced Mode



By default, DFM operates in Basic mode. This mode restricts access to the selected source, which is either a disk or a share. In other words, the user can only perform file operations within the selected disk or share. This is primarily a safety measure to prevent users unfamiliar with the file structure of Unraid to cause major havoc.

Advanced mode on the other hand gives full access to all sources on the array. In this mode the user can travel up to any level and move between different disks and/or shares.

Toggle between *Basic* and *Advanced* mode using the slider at the top, or by pressing the function key *F2*.

File Type Filter

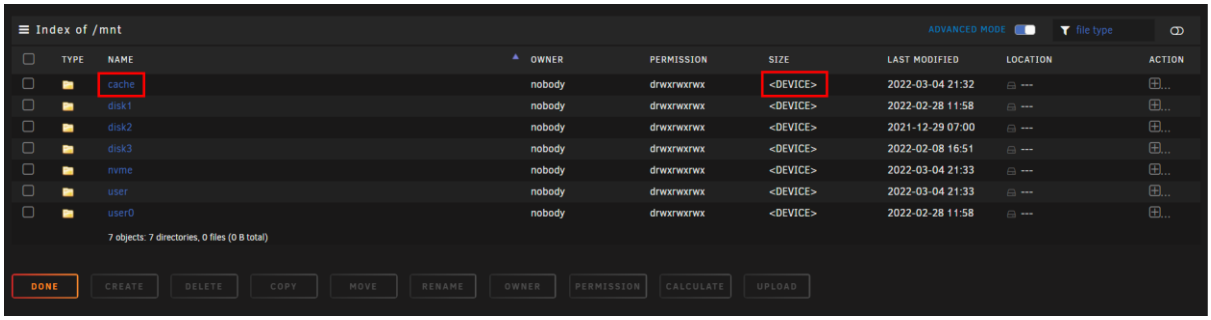
On long file listings it can be useful to limit the number of items displayed. The File Type filter is used to view only files with the extension given in the filter field and shortens the list. Clear the filter field to view all files again.

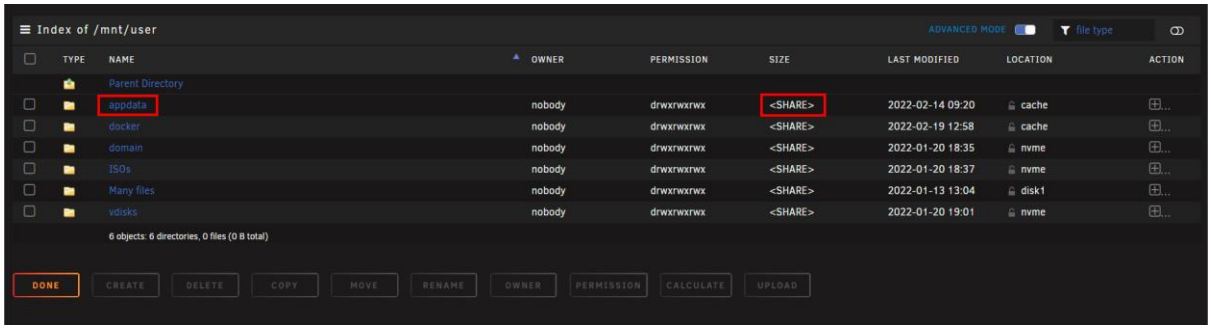
Modified Data Display

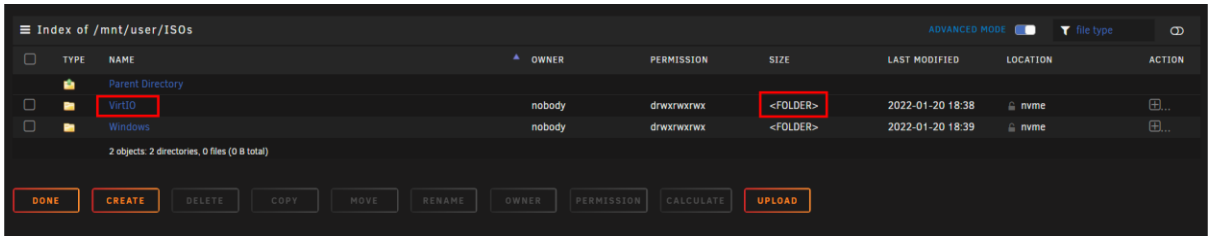
The modified date of a folder or file can be displayed in two different ways. Standard is the timestamp which is a date and time presentation, but alternatively it can be displayed as an age, telling how long ago the item was modified.

Unraid File Structure

Unlike regular file managers, DFM is aware of the unique file structure of Unraid, with a device level at top, followed by a share level beneath it, and finally the regular folders and files stored in a share.





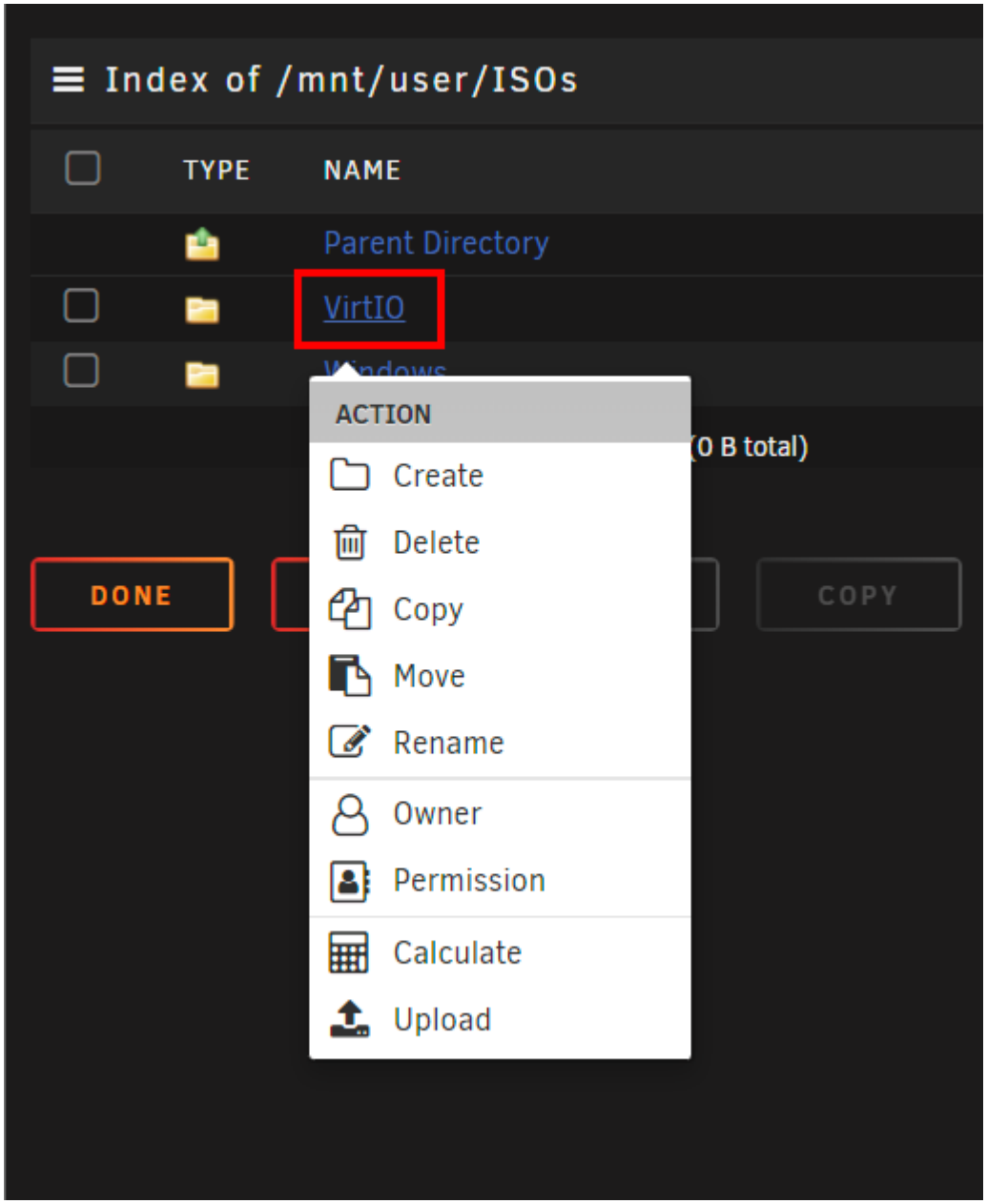


Behavior of DFM is adapted to the level which is currently being accessed. For example, moving the content of disk1 to disk2 will result in an empty disk1 and all shares with underlying folders and files are moved to disk2. Keeping the original folder structure intact.

Folder and File Operations

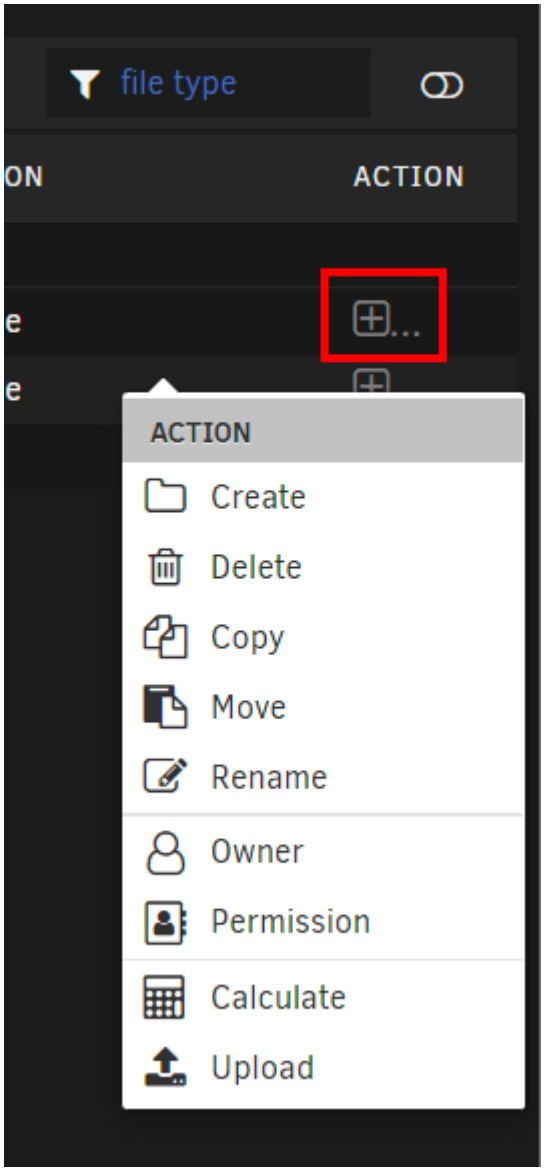
There are several ways to initiate an operation on an object. The operation itself is the same regardless of how it was initiated.

[1] Right click a folder or file name



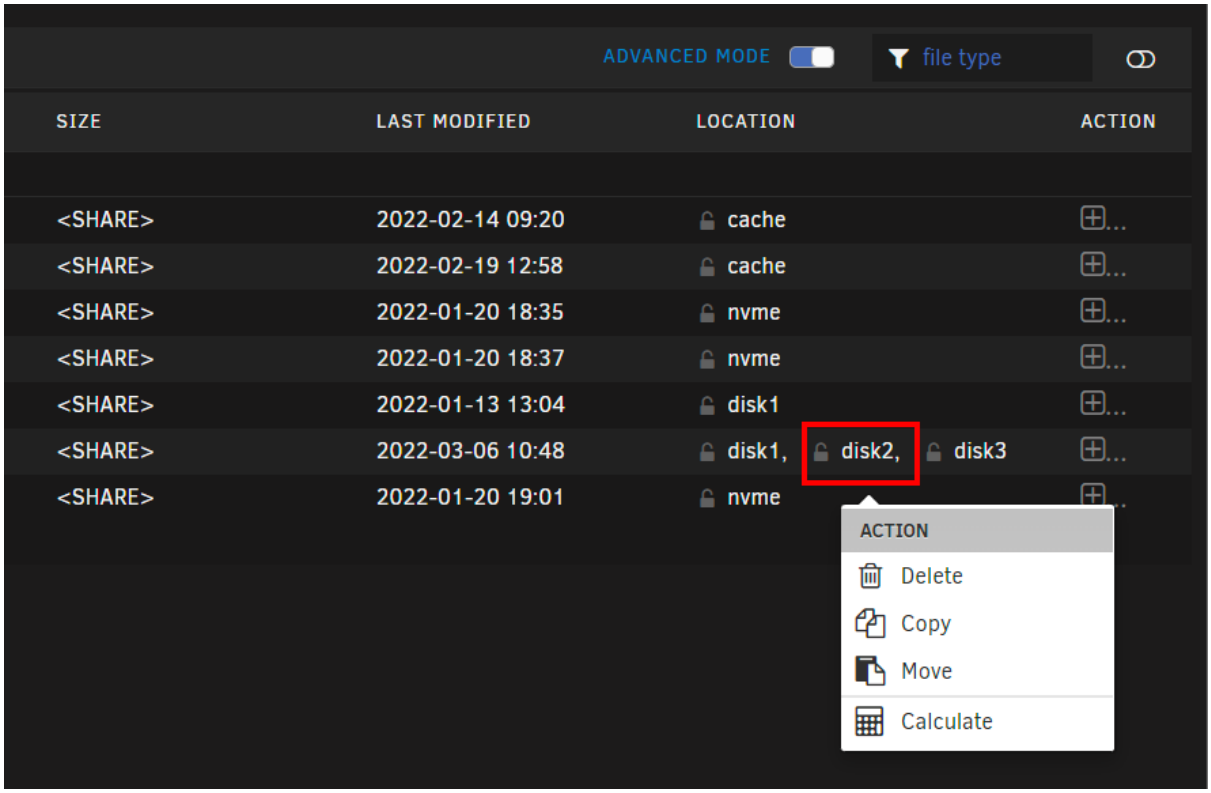
Get a context menu by right clicking a name of a folder or file. The operations in the context menu will vary depending on the type of object selected and current level within the file structure.

[2] Left click the Options icon



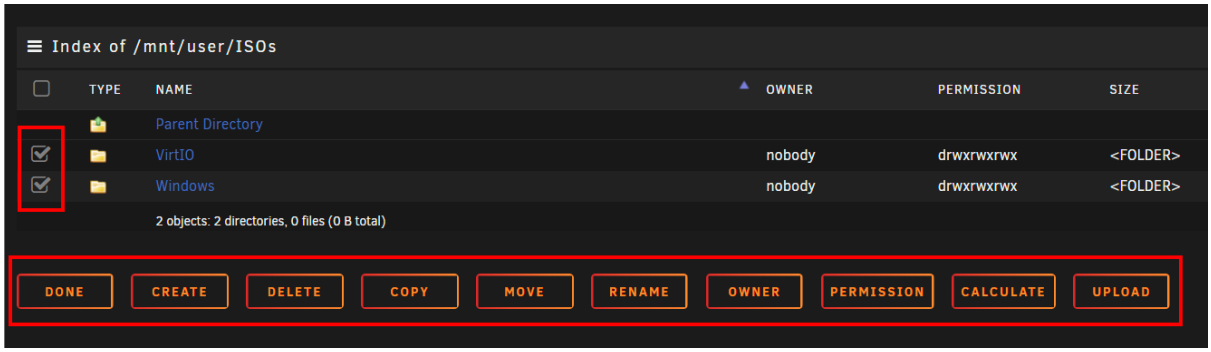
Each entry in the list has an options icon displayed at the far-right side. Use the left button of your mouse to make the context menu visible.

[3] Left click the Location name



At the top Share level (/mnt/user) shares are displayed with all their disk locations present. A share may exist on different disks or pool devices. Click on a location name to perform a specific operation for that location. For example, you can delete an unwanted share presence on a specific disk, if it should not be present there.

[4] Multiple Source selection

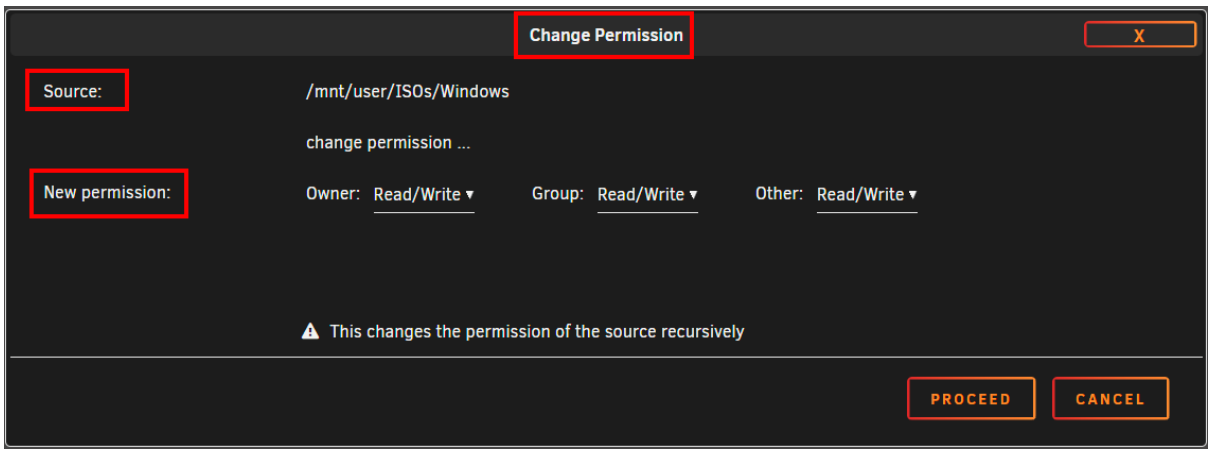


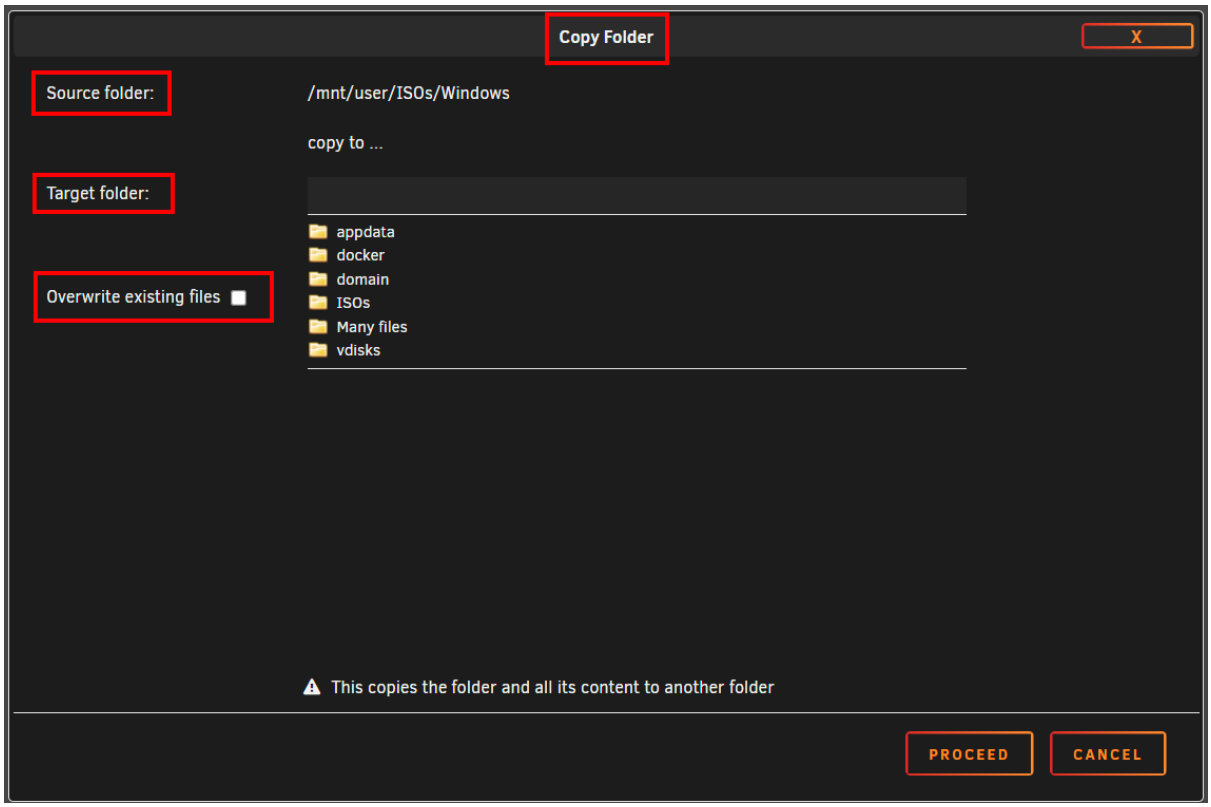
Operations can be performed simultaneously on multiple sources. Therefor select the appropriate check boxes of the sources involved and subsequently click the desired action button.

Buttons are only enabled for actions which are allowed for the selected type of object and the current level in the file structure.

Operation Protection

Whenever an operation is performed, DFM will ask for confirmation of the user. This should prevent accidental damage by asking the user to proceed explicitly.



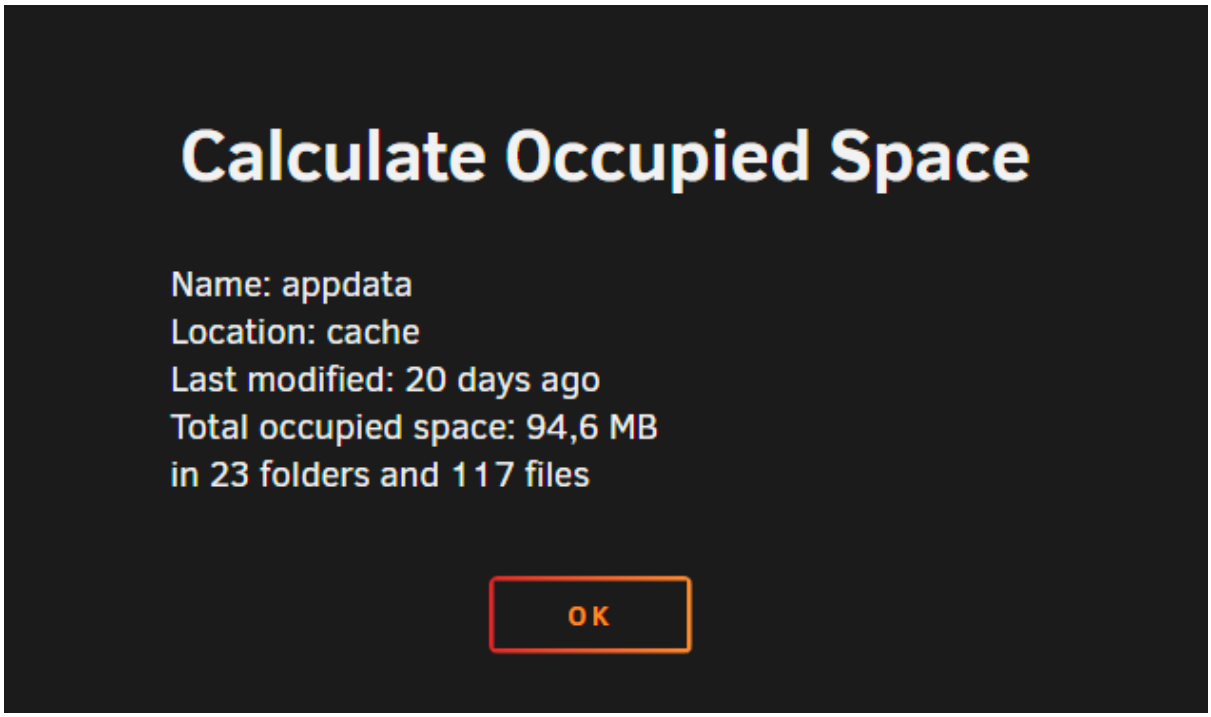


In addition, the user has to give explicit acknowledgment to overwrite existing files.

Calculate Occupied Space

A neat feature present in DFM, is the possibility to calculate the occupied disk space for the selected source(s) and give a summary of the result.

Depending on the content of the selected source(s) it may take a while to do the calculation. In this case the Unraid wave icon is shown to tell the user to wait.



Other Tips

Fixed position of action buttons

If you want the buttons of DFM fixed at the bottom of the page while viewing long listings, you need to change the setting:

Settings → Display Settings → Listing height = Fixed

Dynamix Cache Dirs Plugin

Operation of DFM is considerably accelerated when the folder contents are kept in RAM without the need to spin up one or more disks each time a reading is required.

The Dynamix Cache Dirs plugin is designed to do this, and it is highly recommended to install (and configure properly) this plugin to get the most out of DFM.