Copying from Local WHS V1 Disk to Local WHS 2011 Formatted Disk

This is probably the fastest method for moving large amounts of data, as it copies data directly from disk to disk on the same machine. As with the other WHS2WHS methods, this can be done on any machine. The most likely scenario would be either in preparing WHS 2011 drives while running directly on either on WHS V1 or WHS 2011, bypassing the performance overhead of using network shares.

To setup this mode, on the Options menu, click /check both items: "Format Target Folders as drive:\DE\Shares" and "Include in Source Folders: drive\DE\Shares".

The copy process will copy from:

drive:\DE\Shares\FolderName to drive:\ServerFolders\FolderName

Using this method, the migration steps would virtually identical to the steps in the article describing "Copying from Share to Local WHS Formatted Disk." Further information about how the Source folders are discovered can be found in the article "Copying from Local WHS V1 Formatted Disks."

The author will personally be using this method, because I have several large folders that need to be split across more than one WHS 2011 volume. As I mentioned in the other article, using the individual WHS V1 disks automatically gives you chunks of folders already distributed across the drives (part of the WHS V1 DE process). WHS2WHS gives you the sizes of all those folder parts, so it is relatively simple to select the parts that are needed for the Target folders.

In my case, I am in the process of gradually copying about 10TB of data from a set of 8 drives installed in a Sans Digital TowerRaid enclosure. The port-multiplier PCI card in my server presents the 8 drives individually, each with a drive letter. The tower was originally part of my WHS V1 system, hence each disk has a VolumeID of "DATA" and each one has a set of folders beginning with "\DE\Shares" that contain the actual data that had been distributed by Drive Extender.