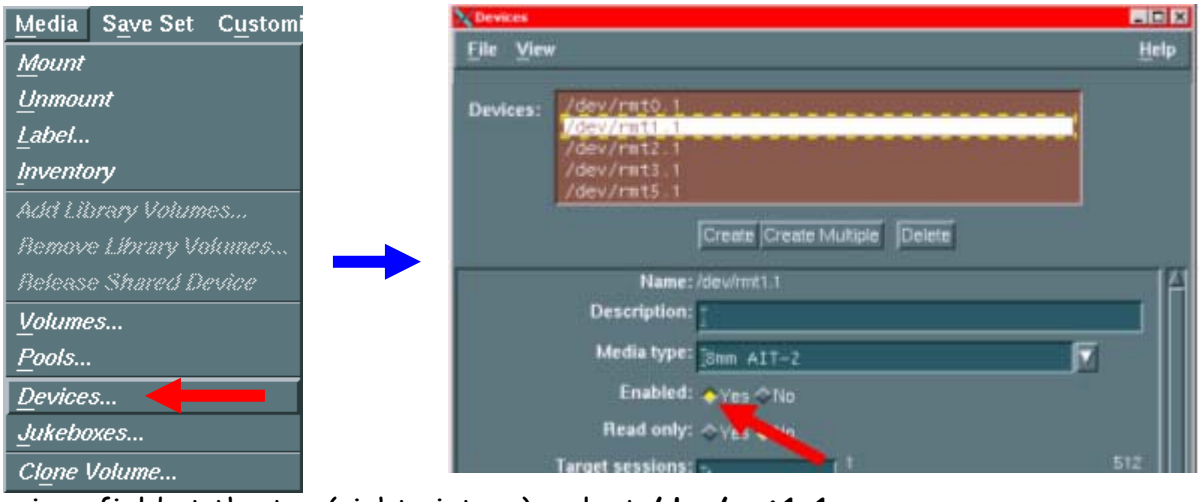
DLT to AIT-2 Cassette Duplication

Duplication Legato volume(s), Cassette(s), via Unix Command

Task: Copy data from a DLT or DLT7000 cassette(s) (volume(s)) into AIT-2.
Assumption: AIT-2 Jukebox has 4 drives (rmt0.1, rmt1.1, rmt2.1, rmt3.1) and DLT Jukebox has 1 drive (rmt5.1). The two drives involved will be rmt5.1 (DLT) as source and rmt1.1 (AIT-2) as destination. Obviously, the old (DLT) Jukebox is not used for archiving new jobs only retrieving old archives (from DLT volumes that not yet copied) and for this (tcopy) process. Since UNIX tcopy command should not be interrupted while in progress, we **must disable** the destination drive on AIT-2 Jukebox in Legato Networker Administration (nwadmin) application.
Note: *the term volume(s) and/or cassette(s) will be used however they have the same meaning*

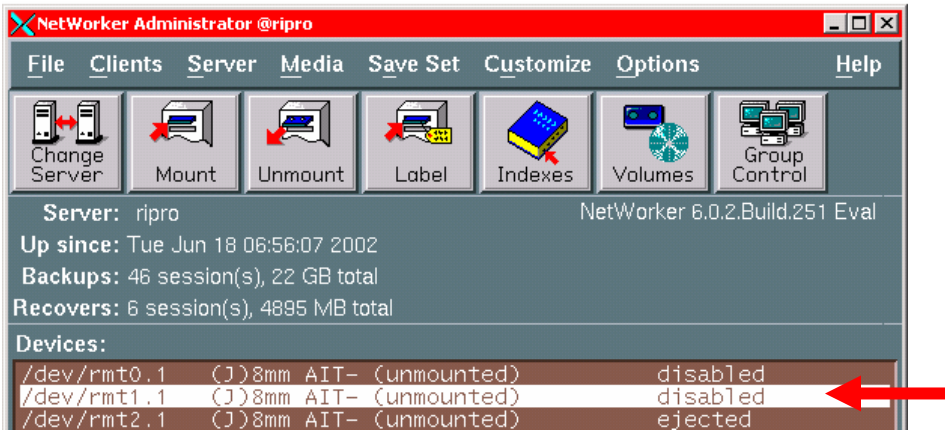
- ## Disabling destination (rmt1.1) drive via Legato application:

1. From cdesci application popup the scismit menu and select **nwadmin**
2. Log in as **root** with appropriate password (usually: **ripro**) and click <**OK**>
3. In the application click on **Media->Devices**



4. In Devices field at the top (right picture), select **/dev/rmt1.1**
5. In the Enabled line, click **No**
6. Click on **Apply** to make the change then **File->Exit**

Note: *In the main Legato application window (next picture), you should see the following drive (rmt1.1) disabled. This will insure the automated retrieving and Archiving processes will not use this drive.*



- **Inserting Source & Destination cassettes into drives:**
  1. Put the source cassette into the old (DLT) Jukebox in one of the slots (assumed slot 4)
  2. In Legato main **nwadmin** window devices select /dev/rmt5.1
  3. Click **Media->Inventory** select the slot you chose in step 1 (like: From slot 4 to slot 4)
  4. At completion of inventory, click **Mount** button and select the source cassette (slot 4) and click <**OK**>
     Note: *So far source cassette should be ready for duplication*
  5. Open AIT-2 Jukebox front door and manually insert the (blank destination) cassette into the (rmt1) drive
     Note: Now both (source & destination) cassettes are ready

- **Duplication Process:**

  Actual volume duplication: **tcopy <SourceDrive> <DestinationDrive>**

  1. From cdesci popup the scismit menu and select **Terminal**
  2. At the prompt, type the command: **tcopy /dev/rmt5 /dev/rmt1**
     Note: *Do not use Legato (rmt5.1 & rmt1.1) format this time.*
  3. You will see some activity lights in both drives
  4. Minimize the window (if you wish) by clicking the dot at the top of right hand side of the window.

Warning: Do not close this terminal session until tcopy is completed. Closing this window will kill the tcopy process.

Note: *It should take 3.5 to 5 hours depending on how heavy is the traffic on the server and the amount of the Archived volume.*

- Adjustment after a successful duplication process
  1. Open AIT-2 Jukebox door and eject the newly duplicated (cassette) volume
  2. Install a bar-code label onto the cassette
  3. Insert (bar-coded) volume into one of AIT-2 Jukebox slot (assumed: slot 11)
  4. Close Jukebox door. You will see some movement indication hardware inventory process
  5. In Legato main **nwadmin** window devices select /dev/rmt1.1
  6. Click **Media->Inventory** select the slot you chose in step 3 (like: From slot 11 to slot 11)
  7. The Jukebox takes this cassette and reads label written in cassette as well as matching it to the bar-code you just attached

Important Information about the newly duplicated cassette (volume):

- This AIT-2 (Legato) Volume will be listed as a **DLT like** volume
- Do not add any more jobs into this volume
- Protect this (and all previously completed Archives) volume(s) from accidental writing by sliding the write protect lever

Note: *At the completion of all volumes duplication, do not forget to enable back the destination drive by implementing the reverse of the first few steps in the first page.*