

# Volumes Added Within A Defined Date Range, Currently Located In A Selected Repository

Listing all **Volumes** added to TapeTrack within a defined range of dates and currently located within a selected **Repository** is a two-step process.

You must first extract an inventory listing of all **Volumes** added between the specified range of dates. Then use that file to compare against a listing of all **Volumes** located in the selected **Repository** and extract all **Volumes** that appear in both Inventories and export to file.

The comparison of the **Volumes** within the files also requires the use of a Configuration file and a Definition file to extract the data in the correct format.



## Extracting Volumes Added Within A Defined Date Range

Using the command line program [TMSS10ListHistory](#), along with the Attributes:

- -S user:-password@server: Logon access
- -R "YYYY-MM-DD:YYYY-MM-DD": Specify the date range required.
- -t "\*Added\*": Extract only [Volume](#) Added records
- -V "CUST.MEDIA.\*": Limit [Customer](#) and [Media Types](#) extracted if required

Output from this process is captured and written to file using stdout.

To extract all [Volumes](#) added between the start of the year 2000 and the end of 2010 and write to file `historyOut.txt`

```
TMSS10ListHistory -S user:-password@server -R "2000-01-01:2010-12-31" -t
"*Added*" -V ".*.*.*" > historyOut.txt
```

## Configuration File

The configuration file is used for traversal of the history ([Volumes](#) added) file for comparison of [Volumes](#) currently in the selected [Repository](#).

The following example instructs TapeTrack to compare each [Volume-ID](#) to the Scanfile, if it is present include it in the output file, otherwise skip it and move to the next [Volume](#).

```
traversal
{
  scanfile= { file="scanfile.ttidef"; };
  customer =
  (
    {
      id="*";
      media =
      (
        {
          id="*";

          volume =
          (
            {
              id="*";
              scanfile = true;
              skip=false;
            },
            {
```

```
        id="*";
        skip=true;
    }
    );
}
);
};
```

## Definition File

The [Definition File](#) (default.ttidef) is used to instruct TapeTrack how the data is formatted in the extracted file.

```
# input file for volume comparison (TMSS10ListHistory output)
SetFile("historyOut.txt");

# extract Volume-ID
Extract(BARCODE, 1, 15, 0);

# skip header (9 lines)
SetHeaderCount(9);

# exclude any line starting with -
AddString(Exclusion, 0, " -*");
```

## Inventory Of Volumes Added Within A Defined Date Range Located In A Specified Repository

Using the list of [Volumes](#) added between the defined date range, we now compare that list to the [Volumes](#) located at the specified [Repository](#) and output the [Volumes](#) to file.

```
TMSS10Inventory -S tapemaster:-@localhost -V "*.*.*@OFFS" -c "inventory.cfg"
> inventoryout.txt 2> inventoryerr.txt
```

or if you prefer CSV output with [Unqualified Volume-ID's](#), set the [Environmental Variables](#) [TMSSREPORTFORMAT](#) and [TMSSUNQUALIFIEDVOLUME](#).

```
set TMSSUNQUALIFIEDVOLUME=1
set TMSSREPORTFORMAT=CSV
```

```
TMSS10Inventory -S tapemaster:-@localhost -V "*.*.*@OFFS" -c "inventory.cfg"  
> inventoryout.txt 2> inventoryerr.txt
```

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