

# 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 (inventory\_out.txt).

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

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

```
set TMSSUNQUALIFIEDVOLUME=true
set TMSSREPORTFORMAT=CSV
```

```
TMSS10Inventory -S tapemaster:-@localhost -V "*.*.*@OFFS" -c "inventory.cfg"
> inventory_out.csv 2> inventory_err.txt
```

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