

Billing Process

The TapeTrack Billing process uses the following steps:

- Extract data related to Billing from the TapeTrack Database
- Write the Billing data to .ttstats files, one for each Customer ID
- Process the Billing data using a definition file which filters the data and applies the relevant charges
- Output the Customer Billing data to XML file for input into your Invoice generating software, Excel sheet or other software package.

Extracting Data

[TMSS10LogStatsExtractDB](#) reads through the TapeTrack history tables and creates Billing extract files within the date range specified when the program is called.

At the completion of the program you will have one .ttstats (TapeTrack Statistics) file for each TapeTrack [Customer](#).

Example

Extract Billing data from last month where:

- -R M-1:m-1 is the date range
- -h "%TMSS10DB%" is the database location

```
<sxh> TMSS10LogStatsExtractDB -R M-1:m-1 -h "%TMSS10DB%" </sxh>
```

Output

Output from database with one Customer

US01.ttstats

```
<sxh> CUS02 ILTO 20201029000221000000 SLTO LIBR20201029000220000000 HLTO  
LIBR2020102900000000000000 SLTO OFFS20201029000001000000 HLTO  
OFFS2020102900000000000000 ILTO 20201030000221000001 SLTO LIBR20201030000220000001  
HLTO LIBR20201030000000000001 SLTO OFFS20201030000001000001 HLTO  
OFFS2020103000000000000001 ILTO 00000000000221000002 SLTO LIBR00000000000440000002  
HLTO LIBR00000000000000000002 SLTO OFFS00000000000002000002 HLTO  
OFFS00000000000000000002 </sxh>
```



```
0,
"$CUSTOMER",
"$CUSTOMER2 STORAGE_OFFSITE",
"DLT Vaulting Charge",
4,
false
);
```

AddStorageChargeItem(

```
"*",
"US01",
"LT0",
"OFFS",
0,
0,
00000,
00000,
0,
"$CUSTOMER",
"$CUSTOMER2 STORAGE_OFFSITE",
"LT0 Cartridge Vaulting Charge",
5,
false
);
```

```
#####
##### AddMovementChargeItem( # Package Filter, ←- Package Filter # Customer
Filter, ←- Customer Filter value e.g. ACME or AC* # Media Filter, ←- Media Filter value e.g. DL or D* or
!(AI) # From Rep Filter, ←- Repository filter e.g. OFFS # To Rep Filter, ←- Repository filter e.g. LIBR #
Round Up Factor, ←- Round up factor e.g. if 10 number will be rounded up to nearest 10 # Minumum
Units, ←- Minimum units to bill # Threshold, ←- Threshold value, only totals over this value are billed
# Cap, ←- Cap Value # Model, ←- Model number # Item Code, ←- Item code string # Customer, ←-
Customer string # Description, ←- Description string # Cost, ←- Cost in cents # Continue ←- continue
on and bill next item if appropriate (0=No, !0=Yes) # ); #####
#####
```

AddMovementChargeItem(

```
"*",
"US01",
"DLT",
"LIBR",
"OFFS",
0,
0,
00000,
00000,
0,
"$CUSTOMER",
"$CUSTOMER2 to Vault",
```

```
"DLT Transport Charge",  
10,  
false  
);
```

AddMovementChargeItem(

```
"*",  
"US01",  
"LT0",  
"LIBR",  
"OFFS",  
0,  
0,  
00000,  
00000,  
0,  
"$CUSTOMER",  
"$CUSTOMER2 to Vault",  
"LT0 Transport Charge",  
10,  
false  
);
```

AddMovementChargeItem(

```
"*",  
"US01",  
"DLT",  
"OFFS",  
"LIBR",  
0,  
0,  
00000,  
00000,  
0,  
"$CUSTOMER",  
"Vault to $CUSTOMER2",  
"DLT Transport Charge",  
10,  
false  
);
```

AddMovementChargeItem(

```
"*",  
"US011",  
"LT0",  
"OFFS",  
"LIBR",  
0,
```

```
0,
00000,
00000,
0,
"$CUSTOMER",
"Vault to $CUSTOMER2",
"LT0 Transport Charge",
10,
false
);
```

```
#####
##### AddJournalChargeItem( # Package Filter, ←- Package Filter # Customer
Filter, ←- Customer Filter value e.g. ACME or AC* # Journal Filter, ←- Journal Filter value e.g. 000001 #
Round Up Factor, ←- Round up factor e.g. if 10 number will be rounded up to nearest 10 # Minumum
Units, ←- Minimum units to bill # Threshold, ←- Theshold value, only totals over this value are billed #
Cap, ←- Cap Value # Model, ←- Model number # Item Code, ←- Item code string # Customer, ←-
Customer string # Description, ←- Description string # Cost, ←- Cost in cents # Continue ← continue
on and bill next item if appropriate (0=No, !0=Yes) # ); #####
#####
```

AddJournalChargeItem(

```
"*",
"US01",
"000001",
0,
0,
0,
0,
0,
"$CUSTOMER",
"Delivery Charge",
"Express Delivery",
400,
false
);
```

AddJournalChargeItem(

```
"*",
"US01",
"000002",
0,
0,
0,
0,
0,
"$CUSTOMER",
"Delivery Charge",
"Over Night Delivery",
```

```
600,  
false  
);
```

AddJournalChargeItem(

```
"*",  
"US01",  
"00003",  
0,  
0,  
0,  
0,  
0,  
"$CUSTOMER",  
"Delivery Charge",  
"Immediate Delivery",  
1000,  
false  
);
```

</sxh>

[cookbook](#)

From:

<https://docs.tapetrack.com/> - **TapeTrack Documentation**

Permanent link:

https://docs.tapetrack.com/cookbook/billing_process?rev=1604271252

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