# The sqlite3_analyzer.exe Utility Program



## 1. The sqlite3_analyzer.exe Utility Program

The `sqlite3_analyzer.exe` binary is a command-line utility program that measures and displays how much and how efficiently space is used by individual tables and indexes with an SQLite database file. Example usage:

```
sqlite3_analyzer database.sqlite
```

The output is a human-readable ASCII text report that provides information on the space utilization of the database file. The report is intended to be self-explanatory, though there is some additional explanation of the various parameters reported toward the end of the report.

The output is also valid SQL. Most of the report text is contained within a header comment, with various SQL statements that create and initialize a database at the end of the report. The constructed database contains the raw data from which the report was extracted. Hence the original report can be read into an instance of the command-line shell and then the raw data can be queried to dig deeper into the space utilization of a particular database file.

### 1.1. Implementation

The `sqlite3_analyzer.exe` program is a TCL program that uses the dbstat virtual table to gather information about the database file and then format that information neatly.

### 1.2. Example Output

The following is sqlite3_analyzer output for an example places.sqlite database used by Firefox.

```
/** Disk-Space Utilization Report For ████████████████/places.sqlite

Page size in bytes.............................. 32768
Pages in the whole file (measured)............... 221
Pages in the whole file (calculated)............. 221
Pages that store data............................ 221        100.0%
Pages on the freelist (per header)............... 0            0.0%
Pages on the freelist (calculated)............... 0            0.0%
Pages of auto-vacuum overhead.................... 0            0.0%
Number of tables in the database................. 14
Number of indices................................ 23
Number of defined indices........................ 17
Number of implied indices........................ 6
Size of the file in bytes........................ 7241728
Bytes of user payload stored..................... 2503069     34.6%

*** Page counts for all tables with their indices ****************************

MOZ_PLACES....................................... 142         64.3%
MOZ_HISTORYVISITS................................ 41          18.6%
MOZ_FAVICONS..................................... 15           6.8%
MOZ_BOOKMARKS.................................... 5            2.3%
MOZ_KEYWORDS..................................... 3            1.4%
MOZ_ANNO_ATTRIBUTES.............................. 2            0.90%
MOZ_ANNOS........................................ 2            0.90%
MOZ_BOOKMARKS_ROOTS.............................. 2            0.90%
MOZ_HOSTS........................................ 2            0.90%
MOZ_INPUTHISTORY................................. 2            0.90%
MOZ_ITEMS_ANNOS.................................. 2            0.90%
SQLITE_MASTER.................................... 1            0.45%
SQLITE_SEQUENCE.................................. 1            0.45%
SQLITE_STAT1..................................... 1            0.45%

*** Page counts for all tables and indices separately ************************

MOZ_PLACES....................................... 63          28.5%
MOZ_PLACES_URL_UNIQUEINDEX....................... 37          16.7%
MOZ_HISTORYVISITS................................ 13           5.9%
MOZ_FAVICONS..................................... 12           5.4%
MOZ_HISTORYVISITS_PLACEDATEINDEX................. 12           5.4%
MOZ_PLACES_HOSTINDEX............................. 11           5.0%
MOZ_HISTORYVISITS_DATEINDEX...................... 10           4.5%
MOZ_PLACES_GUID_UNIQUEINDEX...................... 9            4.1%
MOZ_PLACES_LASTVISITDATEINDEX.................... 7            3.2%
MOZ_HISTORYVISITS_FROMINDEX...................... 6            2.7%
MOZ_PLACES_FAVICONINDEX.......................... 5            2.3%
```

```
MOZ_PLACES_FRECENCYINDEX..... 5           2.3%
MOZ_PLACES_VISITCOUNT..... 5           2.3%
SQLITE_AUTOINDEX_MOZ_FAVICONS_1..... 3           1.4%
MOZ_ANNO_ATTRIBUTES..... 1           0.45%
MOZ_ANNOS..... 1           0.45%
MOZ_ANNOS_PLACEATTRIBUTEINDEX..... 1           0.45%
MOZ_BOOKMARKS..... 1           0.45%
MOZ_BOOKMARKS_GUID_UNIQUEINDEX..... 1           0.45%
MOZ_BOOKMARKS_ITEMINDEX..... 1           0.45%
MOZ_BOOKMARKS_ITEMLASTMODIFIEDINDEX..... 1           0.45%
MOZ_BOOKMARKS_PARENTINDEX..... 1           0.45%
MOZ_BOOKMARKS_ROOTS..... 1           0.45%
MOZ_HOSTS..... 1           0.45%
MOZ_INPUTHISTORY..... 1           0.45%
MOZ_ITEMS_ANNOS..... 1           0.45%
MOZ_ITEMS_ANNOS_ITEMATTRIBUTEINDEX..... 1           0.45%
MOZ_KEYWORDS..... 1           0.45%
MOZ_KEYWORDS_PLACEPOSTDATA_UNIQUEINDEX..... 1           0.45%
SQLITE_AUTOINDEX_MOZ_ANNO_ATTRIBUTES_1..... 1           0.45%
SQLITE_AUTOINDEX_MOZ_BOOKMARKS_ROOTS_1..... 1           0.45%
SQLITE_AUTOINDEX_MOZ_HOSTS_1..... 1           0.45%
SQLITE_AUTOINDEX_MOZ_INPUTHISTORY_1..... 1           0.45%
SQLITE_AUTOINDEX_MOZ_KEYWORDS_1..... 1           0.45%
SQLITE_MASTER..... 1           0.45%
SQLITE_SEQUENCE..... 1           0.45%
SQLITE_STAT1..... 1           0.45%

*** All tables and indices ********************************************

Percentage of total database..... 100.0%
Number of entries..... 154969
Bytes of storage consumed..... 7241728
Bytes of payload..... 4969404     68.6%
Average payload per entry..... 32.07
Average unused bytes per entry..... 11.15
Average fanout..... 14.00
Maximum payload per entry..... 7640
Entries that use overflow..... 0            0.0%
Index pages used..... 14
Primary pages used..... 207
Overflow pages used..... 0
Total pages used..... 221
Unused bytes on index pages..... 448010      97.7%
Unused bytes on primary pages..... 1280642     18.9%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 1728652     23.9%

*** All tables ********************************************************

Percentage of total database.....  44.8%
Number of entries..... 28530
Bytes of storage consumed..... 3244032
Bytes of payload..... 2508257     77.3%
Average payload per entry..... 87.92
Average unused bytes per entry..... 20.13
Average fanout..... 28.00
Maximum payload per entry..... 7640
Entries that use overflow..... 0            0.0%
Index pages used..... 3
Primary pages used..... 96
Overflow pages used..... 0
Total pages used..... 99
Unused bytes on index pages..... 97551       99.23%
Unused bytes on primary pages..... 476741      15.2%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 574292      17.7%

*** All indices ********************************************************

Percentage of total database.....  55.2%
Number of entries..... 126439
Bytes of storage consumed..... 3997696
Bytes of payload..... 2461147     61.6%
Average payload per entry..... 19.47
Average unused bytes per entry..... 9.13
Average fanout..... 11.00
Maximum payload per entry..... 7259
Entries that use overflow..... 0            0.0%
Index pages used..... 11
Primary pages used..... 111
Overflow pages used..... 0
Total pages used..... 122
Unused bytes on index pages..... 350459      97.2%
Unused bytes on primary pages..... 803901      22.1%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 1154360     28.9%

*** Table MOZ_ANNO_ATTRIBUTES and all its indices **********************

Percentage of total database.....   0.90%
Number of entries..... 24
Bytes of storage consumed..... 65536
Bytes of payload..... 721          1.1%
Average payload per entry..... 30.04
Average unused bytes per entry..... 2696.46
Maximum payload per entry..... 43
```

```
Entries that use overflow..... 0            0.0%
Primary pages used..... 2
Overflow pages used..... 0
Total pages used..... 2
Unused bytes on primary pages..... 64715       98.7%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 64715       98.7%

*** Table MOZ_ANNO_ATTRIBUTES w/o any indices **********************************

Percentage of total database.....  0.45%
Number of entries..... 12
Bytes of storage consumed..... 32768
Bytes of payload..... 355          1.1%
B-tree depth..... 1
Average payload per entry..... 29.58
Average unused bytes per entry..... 2696.42
Maximum payload per entry..... 42
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32357       98.7%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32357       98.7%

*** Index SQLITE_AUTOINDEX_MOZ_ANNO_ATTRIBUTES_1 of table MOZ_ANNO_ATTRIBUTES *

Percentage of total database.....  0.45%
Number of entries..... 12
Bytes of storage consumed..... 32768
Bytes of payload..... 366          1.1%
B-tree depth..... 1
Average payload per entry..... 30.50
Average unused bytes per entry..... 2696.50
Maximum payload per entry..... 43
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32358       98.7%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32358       98.7%

*** Table MOZ_ANNOS and all its indices ****************************************

Percentage of total database.....  0.90%
Number of entries..... 390
Bytes of storage consumed..... 65536
Bytes of payload..... 13986       21.3%
Average payload per entry..... 35.86
Average unused bytes per entry..... 128.22
Maximum payload per entry..... 127
Entries that use overflow..... 0            0.0%
Primary pages used..... 2
Overflow pages used..... 0
Total pages used..... 2
Unused bytes on primary pages..... 50006       76.3%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 50006       76.3%

*** Table MOZ_ANNOS w/o any indices ********************************************

Percentage of total database.....  0.45%
Number of entries..... 195
Bytes of storage consumed..... 32768
Bytes of payload..... 12115       37.0%
B-tree depth..... 1
Average payload per entry..... 62.13
Average unused bytes per entry..... 101.04
Maximum payload per entry..... 127
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 19702       60.1%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 19702       60.1%

*** Index MOZ_ANNOS_PLACEATTRIBUTEINDEX of table MOZ_ANNOS ********************

Percentage of total database.....  0.45%
Number of entries..... 195
Bytes of storage consumed..... 32768
Bytes of payload..... 1871         5.7%
B-tree depth..... 1
Average payload per entry..... 9.59
Average unused bytes per entry..... 155.41
Maximum payload per entry..... 10
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 30304       92.5%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 30304       92.5%
```

```
*** Table MOZ_BOOKMARKS and all its indices ***********************************

Percentage of total database.....  2.3%
Number of entries.............................. 1565
Bytes of storage consumed....................... 163840
Bytes of payload................................ 37104       22.6%
Average payload per entry....................... 23.71
Average unused bytes per entry.................. 77.62
Maximum payload per entry....................... 518
Entries that use overflow....................... 0            0.0%
Primary pages used.............................. 5
Overflow pages used............................. 0
Total pages used................................ 5
Unused bytes on primary pages................... 121475      74.1%
Unused bytes on overflow pages.................. 0
Unused bytes on all pages....................... 121475      74.1%

*** Table MOZ_BOOKMARKS w/o any indices **************************************

Percentage of total database.....  0.45%
Number of entries.............................. 313
Bytes of storage consumed....................... 32768
Bytes of payload................................ 21937       66.9%
B-tree depth.................................... 1
Average payload per entry....................... 70.09
Average unused bytes per entry.................. 29.90
Maximum payload per entry....................... 518
Entries that use overflow....................... 0            0.0%
Primary pages used.............................. 1
Overflow pages used............................. 0
Total pages used................................ 1
Unused bytes on primary pages................... 9358        28.6%
Unused bytes on overflow pages.................. 0
Unused bytes on all pages....................... 9358        28.6%

*** Indices of table MOZ_BOOKMARKS ********************************************

Percentage of total database.....  1.8%
Number of entries.............................. 1252
Bytes of storage consumed....................... 131072
Bytes of payload................................ 15167       11.6%
Average payload per entry....................... 12.11
Average unused bytes per entry.................. 89.55
Maximum payload per entry....................... 17
Entries that use overflow....................... 0            0.0%
Primary pages used.............................. 4
Overflow pages used............................. 0
Total pages used................................ 4
Unused bytes on primary pages................... 112117      85.5%
Unused bytes on overflow pages.................. 0
Unused bytes on all pages....................... 112117      85.5%

*** Index MOZ_BOOKMARKS_GUID_UNIQUEINDEX of table MOZ_BOOKMARKS ***************

Percentage of total database.....  0.45%
Number of entries.............................. 313
Bytes of storage consumed....................... 32768
Bytes of payload................................ 5207        15.9%
B-tree depth.................................... 1
Average payload per entry....................... 16.64
Average unused bytes per entry.................. 85.03
Maximum payload per entry....................... 17
Entries that use overflow....................... 0            0.0%
Primary pages used.............................. 1
Overflow pages used............................. 0
Total pages used................................ 1
Unused bytes on primary pages................... 26614       81.2%
Unused bytes on overflow pages.................. 0
Unused bytes on all pages....................... 26614       81.2%

*** Index MOZ_BOOKMARKS_ITEMINDEX of table MOZ_BOOKMARKS **********************

Percentage of total database.....  0.45%
Number of entries.............................. 313
Bytes of storage consumed....................... 32768
Bytes of payload................................ 2547         7.8%
B-tree depth.................................... 1
Average payload per entry....................... 8.14
Average unused bytes per entry.................. 93.53
Maximum payload per entry....................... 9
Entries that use overflow....................... 0            0.0%
Primary pages used.............................. 1
Overflow pages used............................. 0
Total pages used................................ 1
Unused bytes on primary pages................... 29274       89.3%
Unused bytes on overflow pages.................. 0
Unused bytes on all pages....................... 29274       89.3%

*** Index MOZ_BOOKMARKS_ITEMLASTMODIFIEDINDEX of table MOZ_BOOKMARKS **********

Percentage of total database.....  0.45%
Number of entries.............................. 313
Bytes of storage consumed....................... 32768
Bytes of payload................................ 5020        15.3%
B-tree depth.................................... 1
```

```
Average payload per entry..... 16.04
Average unused bytes per entry..... 85.63
Maximum payload per entry..... 17
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 26801       81.8%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 26801       81.8%

*** Index MOZ_BOOKMARKS_PARENTINDEX of table MOZ_BOOKMARKS ********************

Percentage of total database.....  0.45%
Number of entries..... 313
Bytes of storage consumed..... 32768
Bytes of payload..... 2393         7.3%
B-tree depth..... 1
Average payload per entry..... 7.65
Average unused bytes per entry..... 94.02
Maximum payload per entry..... 9
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 29428       89.8%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 29428       89.8%

*** Table MOZ_BOOKMARKS_ROOTS and all its indices *****************************

Percentage of total database.....  0.90%
Number of entries..... 10
Bytes of storage consumed..... 65536
Bytes of payload..... 94           0.14%
Average payload per entry..... 9.40
Average unused bytes per entry..... 6539.10
Maximum payload per entry..... 11
Entries that use overflow..... 0            0.0%
Primary pages used..... 2
Overflow pages used..... 0
Total pages used..... 2
Unused bytes on primary pages..... 65391       99.78%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 65391       99.78%

*** Table MOZ_BOOKMARKS_ROOTS w/o any indices *********************************

Percentage of total database.....  0.45%
Number of entries..... 5
Bytes of storage consumed..... 32768
Bytes of payload..... 47           0.14%
B-tree depth..... 1
Average payload per entry..... 9.40
Average unused bytes per entry..... 6538.60
Maximum payload per entry..... 11
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32693       99.77%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32693       99.77%

*** Index SQLITE_AUTOINDEX_MOZ_BOOKMARKS_ROOTS_1 of table MOZ_BOOKMARKS_ROOTS *

Percentage of total database.....  0.45%
Number of entries..... 5
Bytes of storage consumed..... 32768
Bytes of payload..... 47           0.14%
B-tree depth..... 1
Average payload per entry..... 9.40
Average unused bytes per entry..... 6539.60
Maximum payload per entry..... 11
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32698       99.79%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32698       99.79%

*** Table MOZ_FAVICONS and all its indices ************************************

Percentage of total database.....  6.8%
Number of entries..... 941
Bytes of storage consumed..... 491520
Bytes of payload..... 332765      67.7%
Average payload per entry..... 353.63
Average unused bytes per entry..... 164.00
Average fanout..... 7.00
Maximum payload per entry..... 7640
Entries that use overflow..... 0            0.0%
Index pages used..... 2
Primary pages used..... 13
Overflow pages used..... 0
```

```
Total pages used.............................. 15
Unused bytes on index pages..................... 65340       99.70%
Unused bytes on primary pages..................... 88980       20.9%
Unused bytes on overflow pages.................... 0
Unused bytes on all pages..................... 154320      31.4%

*** Table MOZ_FAVICONS w/o any indices ************************************

Percentage of total database.....  5.4%
Number of entries.............................. 471
Bytes of storage consumed..................... 393216
Bytes of payload.............................. 297630      75.7%
B-tree depth.................................. 2
Average payload per entry..................... 631.91
Average unused bytes per entry................ 196.60
Average fanout................................ 11.00
Non-sequential pages.......................... 6           54.5%
Maximum payload per entry..................... 7640
Entries that use overflow..................... 0            0.0%
Index pages used.............................. 1
Primary pages used............................ 11
Overflow pages used........................... 0
Total pages used.............................. 12
Unused bytes on index pages..................... 32676       99.72%
Unused bytes on primary pages..................... 59923       16.6%
Unused bytes on overflow pages.................... 0
Unused bytes on all pages..................... 92599       23.5%

*** Index SQLITE_AUTOINDEX_MOZ_FAVICONS_1 of table MOZ_FAVICONS ***************

Percentage of total database.....  1.4%
Number of entries.............................. 470
Bytes of storage consumed..................... 98304
Bytes of payload.............................. 35135       35.7%
B-tree depth.................................. 2
Average payload per entry..................... 74.76
Average unused bytes per entry................ 131.32
Average fanout................................ 3.00
Non-sequential pages.......................... 1           50.0%
Maximum payload per entry..................... 7259
Entries that use overflow..................... 0            0.0%
Index pages used.............................. 1
Primary pages used............................ 2
Overflow pages used........................... 0
Total pages used.............................. 3
Unused bytes on index pages..................... 32664       99.68%
Unused bytes on primary pages..................... 29057       44.3%
Unused bytes on overflow pages.................... 0
Unused bytes on all pages..................... 61721       62.8%

*** Table MOZ_HISTORYVISITS and all its indices *******************************

Percentage of total database.....  18.6%
Number of entries.............................. 63470
Bytes of storage consumed..................... 1343488
Bytes of payload.............................. 882233      65.7%
Average payload per entry..................... 13.90
Average unused bytes per entry................ 3.76
Average fanout................................ 10.00
Maximum payload per entry..................... 21
Entries that use overflow..................... 0            0.0%
Index pages used.............................. 4
Primary pages used............................ 37
Overflow pages used........................... 0
Total pages used.............................. 41
Unused bytes on index pages..................... 130482      99.55%
Unused bytes on primary pages..................... 108158       8.9%
Unused bytes on overflow pages.................... 0
Unused bytes on all pages..................... 238640      17.8%

*** Table MOZ_HISTORYVISITS w/o any indices ***********************************

Percentage of total database.....  5.9%
Number of entries.............................. 15873
Bytes of storage consumed..................... 425984
Bytes of payload.............................. 308447      72.4%
B-tree depth.................................. 2
Average payload per entry..................... 19.43
Average unused bytes per entry................ 2.40
Average fanout................................ 12.00
Non-sequential pages.......................... 8           66.7%
Maximum payload per entry..................... 21
Entries that use overflow..................... 0            0.0%
Index pages used.............................. 1
Primary pages used............................ 12
Overflow pages used........................... 0
Total pages used.............................. 13
Unused bytes on index pages..................... 32668       99.69%
Unused bytes on primary pages..................... 5435         1.4%
Unused bytes on overflow pages.................... 0
Unused bytes on all pages..................... 38103        8.9%

*** Indices of table MOZ_HISTORYVISITS ************************************

Percentage of total database.....  12.7%
Number of entries.............................. 47597
```

```
Bytes of storage consumed..... 917504
Bytes of payload..... 573786      62.5%
Average payload per entry..... 12.06
Average unused bytes per entry..... 4.21
Average fanout..... 9.00
Maximum payload per entry..... 17
Entries that use overflow..... 0            0.0%
Index pages used..... 3
Primary pages used..... 25
Overflow pages used..... 0
Total pages used..... 28
Unused bytes on index pages..... 97814       99.50%
Unused bytes on primary pages..... 102723      12.5%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 200537      21.9%

*** Index MOZ_HISTORYVISITS_DATEINDEX of table MOZ_HISTORYVISITS **************

Percentage of total database.....  4.5%
Number of entries..... 15865
Bytes of storage consumed..... 327680
Bytes of payload..... 206221      62.9%
B-tree depth..... 2
Average payload per entry..... 13.00
Average unused bytes per entry..... 4.65
Average fanout..... 10.00
Non-sequential pages..... 6           66.7%
Maximum payload per entry..... 13
Entries that use overflow..... 0            0.0%
Index pages used..... 1
Primary pages used..... 9
Overflow pages used..... 0
Total pages used..... 10
Unused bytes on index pages..... 32596       99.48%
Unused bytes on primary pages..... 41128       13.9%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 73724       22.5%

*** Index MOZ_HISTORYVISITS_FROMINDEX of table MOZ_HISTORYVISITS **************

Percentage of total database.....  2.7%
Number of entries..... 15869
Bytes of storage consumed..... 196608
Bytes of payload..... 100292      51.0%
B-tree depth..... 2
Average payload per entry..... 6.32
Average unused bytes per entry..... 3.06
Average fanout..... 6.00
Non-sequential pages..... 4           80.0%
Maximum payload per entry..... 7
Entries that use overflow..... 0            0.0%
Index pages used..... 1
Primary pages used..... 5
Overflow pages used..... 0
Total pages used..... 6
Unused bytes on index pages..... 32702       99.80%
Unused bytes on primary pages..... 15927        9.7%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 48629       24.7%

*** Index MOZ_HISTORYVISITS_PLACEDATEINDEX of table MOZ_HISTORYVISITS *********

Percentage of total database.....  5.4%
Number of entries..... 15863
Bytes of storage consumed..... 393216
Bytes of payload..... 267273      68.0%
B-tree depth..... 2
Average payload per entry..... 16.85
Average unused bytes per entry..... 4.93
Average fanout..... 12.00
Non-sequential pages..... 8           72.7%
Maximum payload per entry..... 17
Entries that use overflow..... 0            0.0%
Index pages used..... 1
Primary pages used..... 11
Overflow pages used..... 0
Total pages used..... 12
Unused bytes on index pages..... 32516       99.23%
Unused bytes on primary pages..... 45668       12.7%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 78184       19.9%

*** Table MOZ_HOSTS and all its indices ***************************************

Percentage of total database.....  0.90%
Number of entries..... 1256
Bytes of storage consumed..... 65536
Bytes of payload..... 27640       42.2%
Average payload per entry..... 22.01
Average unused bytes per entry..... 26.18
Maximum payload per entry..... 49
Entries that use overflow..... 0            0.0%
Primary pages used..... 2
Overflow pages used..... 0
Total pages used..... 2
Unused bytes on primary pages..... 32888       50.2%
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```
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32888       50.2%

*** Table MOZ_HOSTS w/o any indices ****************************************

Percentage of total database.....  0.45%
Number of entries..... 628
Bytes of storage consumed..... 32768
Bytes of payload..... 14640       44.7%
B-tree depth..... 1
Average payload per entry..... 23.31
Average unused bytes per entry..... 23.90
Maximum payload per entry..... 49
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 15012       45.8%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 15012       45.8%

*** Index SQLITE_AUTOINDEX_MOZ_HOSTS_1 of table MOZ_HOSTS ********************

Percentage of total database.....  0.45%
Number of entries..... 628
Bytes of storage consumed..... 32768
Bytes of payload..... 13000       39.7%
B-tree depth..... 1
Average payload per entry..... 20.70
Average unused bytes per entry..... 28.46
Maximum payload per entry..... 47
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 17876       54.6%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 17876       54.6%

*** Table MOZ_INPUTHISTORY and all its indices *******************************

Percentage of total database.....  0.90%
Number of entries..... 16
Bytes of storage consumed..... 65536
Bytes of payload..... 642          0.98%
Average payload per entry..... 40.12
Average unused bytes per entry..... 4050.88
Maximum payload per entry..... 71
Entries that use overflow..... 0            0.0%
Primary pages used..... 2
Overflow pages used..... 0
Total pages used..... 2
Unused bytes on primary pages..... 64814       98.9%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 64814       98.9%

*** Table MOZ_INPUTHISTORY w/o any indices ************************************

Percentage of total database.....  0.45%
Number of entries..... 8
Bytes of storage consumed..... 32768
Bytes of payload..... 341          1.0%
B-tree depth..... 1
Average payload per entry..... 42.62
Average unused bytes per entry..... 4047.38
Maximum payload per entry..... 71
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32379       98.8%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32379       98.8%

*** Index SQLITE_AUTOINDEX_MOZ_INPUTHISTORY_1 of table MOZ_INPUTHISTORY *******

Percentage of total database.....  0.45%
Number of entries..... 8
Bytes of storage consumed..... 32768
Bytes of payload..... 301          0.92%
B-tree depth..... 1
Average payload per entry..... 37.62
Average unused bytes per entry..... 4054.38
Maximum payload per entry..... 65
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32435       99.0%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32435       99.0%

*** Table MOZ_ITEMS_ANNOS and all its indices *********************************

Percentage of total database.....  0.90%
Number of entries..... 158
```

```
Bytes of storage consumed..... 65536
Bytes of payload..... 9211        14.1%
Average payload per entry..... 58.30
Average unused bytes per entry..... 352.56
Maximum payload per entry..... 384
Entries that use overflow..... 0            0.0%
Primary pages used..... 2
Overflow pages used..... 0
Total pages used..... 2
Unused bytes on primary pages..... 55704       85.0%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 55704       85.0%

*** Table MOZ_ITEMS_ANNOS w/o any indices ***********************************

Percentage of total database.....  0.45%
Number of entries..... 79
Bytes of storage consumed..... 32768
Bytes of payload..... 8649        26.4%
B-tree depth..... 1
Average payload per entry..... 109.48
Average unused bytes per entry..... 300.54
Maximum payload per entry..... 384
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 23743       72.5%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 23743       72.5%

*** Index MOZ_ITEMS_ANNOS_ITEMATTRIBUTEINDEX of table MOZ_ITEMS_ANNOS *********

Percentage of total database.....  0.45%
Number of entries..... 79
Bytes of storage consumed..... 32768
Bytes of payload..... 562          1.7%
B-tree depth..... 1
Average payload per entry..... 7.11
Average unused bytes per entry..... 404.57
Maximum payload per entry..... 9
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 31961       97.5%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 31961       97.5%

*** Table MOZ_KEYWORDS and all its indices **********************************

Percentage of total database.....  1.4%
Number of entries..... 0
Bytes of storage consumed..... 98304
Bytes of payload..... 0            0.0%
Average payload per entry..... 0.0
Average unused bytes per entry..... 0.0
Maximum payload per entry..... 0
Entries that use overflow..... 0
Primary pages used..... 3
Overflow pages used..... 0
Total pages used..... 3
Unused bytes on primary pages..... 98280       99.976%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 98280       99.976%

*** Table MOZ_KEYWORDS w/o any indices **************************************

Percentage of total database.....  0.45%
Number of entries..... 0
Bytes of storage consumed..... 32768
Bytes of payload..... 0            0.0%
B-tree depth..... 1
Average payload per entry..... 0.0
Average unused bytes per entry..... 0.0
Maximum payload per entry..... 0
Entries that use overflow..... 0
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32760       99.976%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32760       99.976%

*** Indices of table MOZ_KEYWORDS *******************************************

Percentage of total database.....  0.90%
Number of entries..... 0
Bytes of storage consumed..... 65536
Bytes of payload..... 0            0.0%
Average payload per entry..... 0.0
Average unused bytes per entry..... 0.0
Maximum payload per entry..... 0
Entries that use overflow..... 0
Primary pages used..... 2
Overflow pages used..... 0
```

```
Total pages used.............................. 2
Unused bytes on primary pages..... 65520       99.976%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 65520       99.976%

*** Index MOZ_KEYWORDS_PLACEPOSTDATA_UNIQUEINDEX of table MOZ_KEYWORDS ********

Percentage of total database.....  0.45%
Number of entries.............................. 0
Bytes of storage consumed..... 32768
Bytes of payload.............................. 0            0.0%
B-tree depth..... 1
Average payload per entry..... 0.0
Average unused bytes per entry..... 0.0
Maximum payload per entry..... 0
Entries that use overflow..... 0
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32760       99.976%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32760       99.976%

*** Index SQLITE_AUTOINDEX_MOZ_KEYWORDS_1 of table MOZ_KEYWORDS **************

Percentage of total database.....  0.45%
Number of entries..... 0
Bytes of storage consumed..... 32768
Bytes of payload..... 0            0.0%
B-tree depth..... 1
Average payload per entry..... 0.0
Average unused bytes per entry..... 0.0
Maximum payload per entry..... 0
Entries that use overflow..... 0
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 32760       99.976%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32760       99.976%

*** Table MOZ_PLACES and all its indices ***********************************

Percentage of total database.....  64.3%
Number of entries..... 87087
Bytes of storage consumed..... 4653056
Bytes of payload..... 3659043     78.6%
Average payload per entry..... 42.02
Average unused bytes per entry..... 7.93
Average fanout..... 17.00
Maximum payload per entry..... 1867
Entries that use overflow..... 0            0.0%
Index pages used..... 8
Primary pages used..... 134
Overflow pages used..... 0
Total pages used..... 142
Unused bytes on index pages..... 252188      96.2%
Unused bytes on primary pages..... 438258      10.0%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 690446      14.8%

*** Table MOZ_PLACES w/o any indices ***************************************

Percentage of total database.....  28.5%
Number of entries..... 10894
Bytes of storage consumed..... 2064384
Bytes of payload..... 1838131     89.0%
B-tree depth..... 2
Average payload per entry..... 168.73
Average unused bytes per entry..... 14.10
Average fanout..... 62.00
Non-sequential pages..... 30          48.4%
Maximum payload per entry..... 1867
Entries that use overflow..... 0            0.0%
Index pages used..... 1
Primary pages used..... 62
Overflow pages used..... 0
Total pages used..... 63
Unused bytes on index pages..... 32207       98.3%
Unused bytes on primary pages..... 121406       6.0%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 153613       7.4%

*** Indices of table MOZ_PLACES ********************************************

Percentage of total database.....  35.7%
Number of entries..... 76193
Bytes of storage consumed..... 2588672
Bytes of payload..... 1820912     70.3%
Average payload per entry..... 23.90
Average unused bytes per entry..... 7.05
Average fanout..... 11.00
Maximum payload per entry..... 1823
Entries that use overflow..... 0            0.0%
Index pages used..... 7
Primary pages used..... 72
```

```
Overflow pages used.............................. 0
Total pages used................................. 79
Unused bytes on index pages...................... 219981      95.9%
Unused bytes on primary pages.................... 316852      13.4%
Unused bytes on overflow pages................... 0
Unused bytes on all pages........................ 536833      20.7%

*** Index MOZ_PLACES_FAVICONINDEX of table MOZ_PLACES ************************

Percentage of total database.....................   2.3%
Number of entries................................ 10891
Bytes of storage consumed........................ 163840
Bytes of payload................................. 83178       50.8%
B-tree depth..................................... 2
Average payload per entry........................ 7.64
Average unused bytes per entry................... 4.40
Average fanout................................... 5.00
Non-sequential pages............................. 3           75.0%
Maximum payload per entry........................ 8
Entries that use overflow........................ 0            0.0%
Index pages used................................. 1
Primary pages used............................... 4
Overflow pages used.............................. 0
Total pages used................................. 5
Unused bytes on index pages...................... 32711       99.83%
Unused bytes on primary pages.................... 15213       11.6%
Unused bytes on overflow pages................... 0
Unused bytes on all pages........................ 47924       29.3%

*** Index MOZ_PLACES_FRECENCYINDEX of table MOZ_PLACES ************************

Percentage of total database.....................   2.3%
Number of entries................................ 10891
Bytes of storage consumed........................ 163840
Bytes of payload................................. 76772       46.9%
B-tree depth..................................... 2
Average payload per entry........................ 7.05
Average unused bytes per entry................... 4.99
Average fanout................................... 5.00
Non-sequential pages............................. 3           75.0%
Maximum payload per entry........................ 9
Entries that use overflow........................ 0            0.0%
Index pages used................................. 1
Primary pages used............................... 4
Overflow pages used.............................. 0
Total pages used................................. 5
Unused bytes on index pages...................... 32714       99.84%
Unused bytes on primary pages.................... 21616       16.5%
Unused bytes on overflow pages................... 0
Unused bytes on all pages........................ 54330       33.2%

*** Index MOZ_PLACES_GUID_UNIQUEINDEX of table MOZ_PLACES ********************

Percentage of total database.....................   4.1%
Number of entries................................ 10887
Bytes of storage consumed........................ 294912
Bytes of payload................................. 196000      66.5%
B-tree depth..................................... 2
Average payload per entry........................ 18.00
Average unused bytes per entry................... 6.07
Average fanout................................... 9.00
Non-sequential pages............................. 5           62.5%
Maximum payload per entry........................ 18
Entries that use overflow........................ 0            0.0%
Index pages used................................. 1
Primary pages used............................... 8
Overflow pages used.............................. 0
Total pages used................................. 9
Unused bytes on index pages...................... 32581       99.43%
Unused bytes on primary pages.................... 33545       12.8%
Unused bytes on overflow pages................... 0
Unused bytes on all pages........................ 66126       22.4%

*** Index MOZ_PLACES_HOSTINDEX of table MOZ_PLACES ***************************

Percentage of total database.....................   5.0%
Number of entries................................ 10885
Bytes of storage consumed........................ 360448
Bytes of payload................................. 237383      65.9%
B-tree depth..................................... 2
Average payload per entry........................ 21.81
Average unused bytes per entry................... 8.29
Average fanout................................... 11.00
Non-sequential pages............................. 7           70.0%
Maximum payload per entry........................ 49
Entries that use overflow........................ 0            0.0%
Index pages used................................. 1
Primary pages used............................... 10
Overflow pages used.............................. 0
Total pages used................................. 11
Unused bytes on index pages...................... 32473       99.10%
Unused bytes on primary pages.................... 57782       17.6%
Unused bytes on overflow pages................... 0
Unused bytes on all pages........................ 90255       25.0%

*** Index MOZ_PLACES_LASTVISITDATEINDEX of table MOZ_PLACES ******************
```

```
Percentage of total database.....  3.2%
Number of entries..... 10889
Bytes of storage consumed..... 229376
Bytes of payload..... 150784      65.7%
B-tree depth..... 2
Average payload per entry..... 13.85
Average unused bytes per entry..... 4.21
Average fanout..... 7.00
Non-sequential pages..... 4           66.7%
Maximum payload per entry..... 14
Entries that use overflow..... 0            0.0%
Index pages used..... 1
Primary pages used..... 6
Overflow pages used..... 0
Total pages used..... 7
Unused bytes on index pages..... 32651       99.64%
Unused bytes on primary pages..... 13179        6.7%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 45830       20.0%

*** Index MOZ_PLACES_URL_UNIQUEINDEX of table MOZ_PLACES **********************

Percentage of total database.....  16.7%
Number of entries..... 10859
Bytes of storage consumed..... 1212416
Bytes of payload..... 1010666     83.4%
B-tree depth..... 2
Average payload per entry..... 93.07
Average unused bytes per entry..... 15.42
Average fanout..... 37.00
Non-sequential pages..... 16          44.4%
Maximum payload per entry..... 1823
Entries that use overflow..... 0            0.0%
Index pages used..... 1
Primary pages used..... 36
Overflow pages used..... 0
Total pages used..... 37
Unused bytes on index pages..... 24134       73.7%
Unused bytes on primary pages..... 143261      12.1%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 167395      13.8%

*** Index MOZ_PLACES_VISITCOUNT of table MOZ_PLACES ***************************

Percentage of total database.....  2.3%
Number of entries..... 10891
Bytes of storage consumed..... 163840
Bytes of payload..... 66129       40.4%
B-tree depth..... 2
Average payload per entry..... 6.07
Average unused bytes per entry..... 5.97
Average fanout..... 5.00
Non-sequential pages..... 3           75.0%
Maximum payload per entry..... 8
Entries that use overflow..... 0            0.0%
Index pages used..... 1
Primary pages used..... 4
Overflow pages used..... 0
Total pages used..... 5
Unused bytes on index pages..... 32717       99.84%
Unused bytes on primary pages..... 32256       24.6%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 64973       39.7%

*** Table SQLITE_MASTER ********************************************************

Percentage of total database.....  0.45%
Number of entries..... 36
Bytes of storage consumed..... 32768
Bytes of payload..... 5188        15.8%
B-tree depth..... 1
Average payload per entry..... 144.11
Average unused bytes per entry..... 758.58
Maximum payload per entry..... 379
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 27309       83.3%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 27309       83.3%

*** Table SQLITE_SEQUENCE ******************************************************

Percentage of total database.....  0.45%
Number of entries..... 1
Bytes of storage consumed..... 32768
Bytes of payload..... 15           0.046%
B-tree depth..... 1
Average payload per entry..... 15.00
Average unused bytes per entry..... 32741.00
Maximum payload per entry..... 15
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
```

```
Total pages used.............................. 1
Unused bytes on primary pages..... 32741       99.918%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 32741       99.918%

*** Table SQLITE_STAT1 *****************************************************

Percentage of total database.....  0.45%
Number of entries.............................. 15
Bytes of storage consumed..... 32768
Bytes of payload.............................. 762          2.3%
B-tree depth..... 1
Average payload per entry..... 50.80
Average unused bytes per entry..... 2128.20
Maximum payload per entry..... 62
Entries that use overflow..... 0            0.0%
Primary pages used..... 1
Overflow pages used..... 0
Total pages used..... 1
Unused bytes on primary pages..... 31923       97.4%
Unused bytes on overflow pages..... 0
Unused bytes on all pages..... 31923       97.4%

*** Definitions *************************************************************

Page size in bytes

    The number of bytes in a single page of the database file.
    Usually 1024.

Number of pages in the whole file

    The number of 32768-byte pages that go into forming the complete
    database

Pages that store data

    The number of pages that store data, either as primary B*Tree pages or
    as overflow pages.  The number at the right is the data pages divided by
    the total number of pages in the file.

Pages on the freelist

    The number of pages that are not currently in use but are reserved for
    future use.  The percentage at the right is the number of freelist pages
    divided by the total number of pages in the file.

Pages of auto-vacuum overhead

    The number of pages that store data used by the database to facilitate
    auto-vacuum. This is zero for databases that do not support auto-vacuum.

Number of tables in the database

    The number of tables in the database, including the SQLITE_MASTER table
    used to store schema information.

Number of indices

    The total number of indices in the database.

Number of defined indices

    The number of indices created using an explicit CREATE INDEX statement.

Number of implied indices

    The number of indices used to implement PRIMARY KEY or UNIQUE constraints
    on tables.

Size of the file in bytes

    The total amount of disk space used by the entire database files.

Bytes of user payload stored

    The total number of bytes of user payload stored in the database. The
    schema information in the SQLITE_MASTER table is not counted when
    computing this number.  The percentage at the right shows the payload
    divided by the total file size.

Percentage of total database

    The amount of the complete database file that is devoted to storing
    information described by this category.

Number of entries

    The total number of B-Tree key/value pairs stored under this category.

Bytes of storage consumed

    The total amount of disk space required to store all B-Tree entries
    under this category.  The is the total number of pages used times
    the pages size.
```

```
Bytes of payload

    The amount of payload stored under this category.  Payload is the data
    part of table entries and the key part of index entries.  The percentage
    at the right is the bytes of payload divided by the bytes of storage
    consumed.

Average payload per entry

    The average amount of payload on each entry.  This is just the bytes of
    payload divided by the number of entries.

Average unused bytes per entry

    The average amount of free space remaining on all pages under this
    category on a per-entry basis.  This is the number of unused bytes on
    all pages divided by the number of entries.

Non-sequential pages

    The number of pages in the table or index that are out of sequence.
    Many filesystems are optimized for sequential file access so a small
    number of non-sequential pages might result in faster queries,
    especially for larger database files that do not fit in the disk cache.
    Note that after running VACUUM, the root page of each table or index is
    at the beginning of the database file and all other pages are in a
    separate part of the database file, resulting in a single non-
    sequential page.

Maximum payload per entry

    The largest payload size of any entry.

Entries that use overflow

    The number of entries that user one or more overflow pages.

Total pages used

    This is the number of pages used to hold all information in the current
    category.  This is the sum of index, primary, and overflow pages.

Index pages used

    This is the number of pages in a table B-tree that hold only key (rowid)
    information and no data.

Primary pages used

    This is the number of B-tree pages that hold both key and data.

Overflow pages used

    The total number of overflow pages used for this category.

Unused bytes on index pages

    The total number of bytes of unused space on all index pages.  The
    percentage at the right is the number of unused bytes divided by the
    total number of bytes on index pages.

Unused bytes on primary pages

    The total number of bytes of unused space on all primary pages.  The
    percentage at the right is the number of unused bytes divided by the
    total number of bytes on primary pages.

Unused bytes on overflow pages

    The total number of bytes of unused space on all overflow pages.  The
    percentage at the right is the number of unused bytes divided by the
    total number of bytes on overflow pages.

Unused bytes on all pages

    The total number of bytes of unused space on all primary and overflow
    pages.  The percentage at the right is the number of unused bytes
    divided by the total number of bytes.

*******************************************************************************
The entire text of this report can be sourced into any SQL database
engine for further analysis.  All of the text above is an SQL comment.
The data used to generate this report follows:
*/
BEGIN;
CREATE TABLE space_used(
   name clob,        -- Name of a table or index in the database file
   tblname clob,     -- Name of associated table
   is_index boolean, -- TRUE if it is an index, false for a table
   nentry int,       -- Number of entries in the BTree
   leaf_entries int, -- Number of leaf entries
   depth int,        -- Depth of the b-tree
   payload int,      -- Total amount of data stored in this table or index
   ovfl_payload int, -- Total amount of data stored on overflow pages
   ovfl_cnt int,     -- Number of entries that use overflow
   mx_payload int,   -- Maximum payload size
```

```
   int_pages int,    -- Number of interior pages used
   leaf_pages int,   -- Number of leaf pages used
   ovfl_pages int,   -- Number of overflow pages used
   int_unused int,   -- Number of unused bytes on interior pages
   leaf_unused int,  -- Number of unused bytes on primary pages
   ovfl_unused int,  -- Number of unused bytes on overflow pages
   gap_cnt int,      -- Number of gaps in the page layout
   compressed_size int  -- Total bytes stored on disk
);
INSERT INTO space_used VALUES('sqlite_master','sqlite_master',0,36,36,1,5188,0,0,379,0,1,0,0,27309,0,0,32768);
INSERT INTO space_used VALUES('moz_places','moz_places',0,10955,10894,2,1838131,0,0,1867,1,62,0,32207,121406,0,30,2064384);
INSERT INTO space_used VALUES('moz_historyvisits','moz_historyvisits',0,15884,15873,2,308447,0,0,21,1,12,0,32668,5435,0,8,425984);
INSERT INTO space_used VALUES('moz_inputhistory','moz_inputhistory',0,8,8,1,341,0,0,71,0,1,0,0,32379,0,0,32768);
INSERT INTO space_used VALUES('sqlite_autoindex_moz_inputhistory_1','moz_inputhistory',1,8,8,1,301,0,0,65,0,1,0,0,32435,0,0,32768);
INSERT INTO space_used VALUES('moz_hosts','moz_hosts',0,628,628,1,14640,0,0,49,0,1,0,0,15012,0,0,32768);
INSERT INTO space_used VALUES('sqlite_autoindex_moz_hosts_1','moz_hosts',1,628,628,1,13000,0,0,47,0,1,0,0,17876,0,0,32768);
INSERT INTO space_used VALUES('moz_bookmarks','moz_bookmarks',0,313,313,1,21937,0,0,518,0,1,0,0,9358,0,0,32768);
INSERT INTO space_used VALUES('moz_bookmarks_roots','moz_bookmarks_roots',0,5,5,1,47,0,0,11,0,1,0,0,32693,0,0,32768);
INSERT INTO space_used VALUES('sqlite_autoindex_moz_bookmarks_roots_1','moz_bookmarks_roots',1,5,5,1,47,0,0,11,0,1,0,0,32698,0,0,32768);
INSERT INTO space_used VALUES('moz_keywords','moz_keywords',0,0,0,1,0,0,0,0,0,1,0,0,32760,0,0,32768);
INSERT INTO space_used VALUES('sqlite_autoindex_moz_keywords_1','moz_keywords',1,0,0,1,0,0,0,0,0,1,0,0,32760,0,0,32768);
INSERT INTO space_used VALUES('sqlite_sequence','sqlite_sequence',0,1,1,1,15,0,0,15,0,1,0,0,32741,0,0,32768);
INSERT INTO space_used VALUES('moz_favicons','moz_favicons',0,481,471,2,297630,0,0,7640,1,11,0,32676,59923,0,6,393216);
INSERT INTO space_used VALUES('sqlite_autoindex_moz_favicons_1','moz_favicons',1,471,470,2,35135,0,0,7259,1,2,0,32664,29057,0,1,98304);
INSERT INTO space_used VALUES('moz_anno_attributes','moz_anno_attributes',0,12,12,1,355,0,0,42,0,1,0,0,32357,0,0,32768);
INSERT INTO space_used VALUES('sqlite_autoindex_moz_anno_attributes_1','moz_anno_attributes',1,12,12,1,366,0,0,43,0,1,0,0,32358,0,0,32768);
INSERT INTO space_used VALUES('moz_annos','moz_annos',0,195,195,1,12115,0,0,127,0,1,0,0,19702,0,0,32768);
INSERT INTO space_used VALUES('moz_items_annos','moz_items_annos',0,79,79,1,8649,0,0,384,0,1,0,0,23743,0,0,32768);
INSERT INTO space_used VALUES('sqlite_stat1','sqlite_stat1',0,15,15,1,762,0,0,62,0,1,0,0,31923,0,0,32768);
INSERT INTO space_used VALUES('moz_places_faviconindex','moz_places',1,10894,10891,2,83178,0,0,8,1,4,0,32711,15213,0,3,163840);
INSERT INTO space_used VALUES('moz_places_hostindex','moz_places',1,10894,10885,2,237383,0,0,49,1,10,0,32473,57782,0,7,360448);
INSERT INTO space_used VALUES('moz_places_visitcount','moz_places',1,10894,10891,2,66129,0,0,8,1,4,0,32717,32256,0,3,163840);
INSERT INTO space_used VALUES('moz_places_frecencyindex','moz_places',1,10894,10891,2,76772,0,0,9,1,4,0,32714,21616,0,3,163840);
INSERT INTO space_used VALUES('moz_places_lastvisitdateindex','moz_places',1,10894,10889,2,150784,0,0,14,1,6,0,32651,13179,0,4,229376);
INSERT INTO space_used VALUES('moz_historyvisits_placedateindex','moz_historyvisits',1,15873,15863,2,267273,0,0,17,1,11,0,32516,45668,0,8,393216);
INSERT INTO space_used VALUES('moz_historyvisits_fromindex','moz_historyvisits',1,15873,15869,2,100292,0,0,7,1,5,0,32702,15927,0,4,196608);
INSERT INTO space_used VALUES('moz_historyvisits_dateindex','moz_historyvisits',1,15873,15865,2,206221,0,0,13,1,9,0,32596,41128,0,6,327680);
INSERT INTO space_used VALUES('moz_bookmarks_itemindex','moz_bookmarks',1,313,313,1,2547,0,0,9,0,1,0,0,29274,0,0,32768);
INSERT INTO space_used VALUES('moz_bookmarks_parentindex','moz_bookmarks',1,313,313,1,2393,0,0,9,0,1,0,0,29428,0,0,32768);
INSERT INTO space_used VALUES('moz_bookmarks_itemlastmodifiedindex','moz_bookmarks',1,313,313,1,5020,0,0,17,0,1,0,0,26801,0,0,32768);
INSERT INTO space_used VALUES('moz_places_url_uniqueindex','moz_places',1,10894,10859,2,1010666,0,0,1823,1,36,0,24134,143261,0,16,1212416);
INSERT INTO space_used VALUES('moz_places_guid_uniqueindex','moz_places',1,10894,10887,2,196000,0,0,18,1,8,0,32581,33545,0,5,294912);
INSERT INTO space_used VALUES('moz_bookmarks_guid_uniqueindex','moz_bookmarks',1,313,313,1,5207,0,0,17,0,1,0,0,26614,0,0,32768);
INSERT INTO space_used VALUES('moz_annos_placeattributeindex','moz_annos',1,195,195,1,1871,0,0,10,0,1,0,0,30304,0,0,32768);
INSERT INTO space_used VALUES('moz_items_annos_itemattributeindex','moz_items_annos',1,79,79,1,562,0,0,9,0,1,0,0,31961,0,0,32768);
INSERT INTO space_used VALUES('moz_keywords_placepostdata_uniqueindex','moz_keywords',1,0,0,1,0,0,0,0,0,1,0,0,32760,0,0,32768);
COMMIT;
```