

Part 6 writeup

Sam Gatchell, Harland Narcott, Brady Roy

5.4

The ideal number of elements in an L1 array of 10514 objects was 104. Actual number of elements in the L1 array was 120 with an average L2 array size of 87.6. The measured results are not consistent with the mathematical analysis since the measured results use more elements in the L1 Array than projected. The ideal mathematical analysis has all L2 Arrays being the same size, L2 Arrays are not added too evenly so not all L2 Arrays will be the same size. The size disparity leads to some L2 arrays to split while others do not. Leading to more elements in the L1 Array being used than are strictly necessary

5.3 outputs:

searching for: search

STATS:

list size N = 10514

level 1 array 120 of 128 used.

level 2 array sizes: min = 28 used, avg = 87.6 used, max = 125 used.

Total matches: 2

Beatles, The, Searchin'

Lynyrd Skynyrd, Searching

searching for: angel

STATS:

list size N = 10514

level 1 array 120 of 128 used.

level 2 array sizes: min = 28 used, avg = 87.6 used, max = 125 used.

Total matches: 23

Aerosmith, Angel

Aretha Franklin, Angel

Elvis Presley, Angel

Fleetwood Mac, Angel

Jimi Hendrix, Angel

Pearl Jam, Angel

John Lennon, Angel Baby

Bonnie Raitt, Angel From Montgomery

Bonnie Raitt, Angel From Montgomery [Live/Road Tested]

Bonnie Raitt, Angel From Montgomery [Live] [7" Version]

searching for: t

STATS:

list size N = 10514

level 1 array 120 of 128 used.

level 2 array sizes: min = 28 used, avg = 87.6 used, max = 125 used.

Total matches: 1148

Lynyrd Skynyrd, T for Texas

Elton John, T' De Mon

Blondie, T-Birds

Elvis Presley, T-R-O-U-B-L-E

Alabama, T.L.C. A.S.A.P.

Santana, Taboo

Rush, Tai Shan


Rush, Take A Friend

Alabama, Take A Little Trip

GUI:

Song Search

Song Search



Browse

Artist

Search

Title

Search

Lyrics Words

Search

Lyrics Phrase

Search

7 results found. Your search took 0.001 seconds

Michael Jackson, "**Beat** It"

Grateful Dead, "**Beat** It On Down The Line"

David Bowie, "**Beat** Of Your Drum"

Ramones, "**Beat** On The Brat"

ZZ Top, "**Beat**box"

Elvis Costello, "**Beaten** To The Punch"

Beatles, The, "**Beat**le Greetings (Speech)"

Lyrics

BUGS: no known bugs