An Implementation of Councurrent Hash Tables in Java

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***Abstract*—Abstract goes here.**

***Index Terms*—Concurrent Programming, Hash-table representations**

I. Introduction

The problem that our group chose to tackle, is how one would parallelize a hash table, and see how much of a performance increase, if any would arise from such an implementation. This paper seeks to explain the how hash tables function as a data structure, previous attempts at parallelizing them, our group's attempt at creating a concurrent hash table, and experimental data collected showing the effects of parallelizing on runtime for the program.

II. Research

Oh, that problem.

III. Related work

I've seen a similar problem before

IV. Contributions

I've fixed this problem once

V. Algorithms

And this is how I did it!

Listing 1. Testing surce code in LaTeX.

```
class HashTable<T> {
    bool isConcurrent;
    public static void main(String[] args
        ) {
        isConcurrent = true;
    }

    public HashTable<T>(bool isConcurrent
        ) {
        this.isConcurrent = isConcurrent;
    }
}
```

VI. Experimental Results

Well, it worked on my machine.

References

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