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Subject: Re: New hash folding function...

Posted by [gprentice](#) on Tue, 22 Jan 2008 10:31:25 GMT

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gprentice wrote on Tue, 22 January 2008 20:55

Why do you call it "hash-fold" if it doesn't actually reduce the range of values

- or if

```
return (h >> 23) - (h >> 9) - (h >> 15) - h;
```

does reduce the range of values, how does it do that, since it's unsigned arithmetic?

Never mind, I found the answer - which is that hash folding means that all bits of the computed hash value participate in the final table index value.

Graeme

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