Subject: Proper runtime for finding new extreme in Binomial Heap?
Posted by josephmalafronte on Thu, 23 Mar 2017 00:35:59 GMT

What should the runtime be for finding a new extreme in a Binomial Heap during the extractBinomial function. The psuedo code is vague about how to do this.

Update:
Wait missed this line of text in the psuedo code. Quote: To find the new extreme value, one searches the root list from degree 0 to degree log(size of b) / log(2), inclusive.

Leaving this up in case anyone else gets confused.

Subject: Re: Proper runtime for finding new extreme in Binomial Heap?
Posted by lusth on Thu, 23 Mar 2017 11:50:53 GMT

I cache a pointer to the extreme value which I update whenever I add to the rootlist.