Subject: Re: help on optimization
Posted by Jeremy Bailin on Thu, 23 Jun 2011 15:19:54 GMT

I would approach this by:

1. Calculate the radius r.
2. Sort by radius.
3. Use TOTAL(/CUMULATIVE) to get the cumulative mass profile at each particle, in sorted radius order.
4. Use VALUE_LOCATE to find where in the radial-sorted-list-of-particles the endpoints of the bins are.
5. Subtract the cumulative total values at each bin edge to get the total mass in each bin, which you can compare directly to the cumulative mass to that point from the cumulative total.

-Jeremy.