Jacob Noel-Storr <jake@astro.columbia.edu> wrote in message
news:88i60t$477$1@newsmaster.cc.columbia.edu...
> ..
> I have a very long list of integers ('cycle numbers') and I need some way
of
> creating an array that consists of just the cycle numbers. For example if
I
> had:
>
>> cycles=[2,2,2,2,2,6,6,7,7,7,9,9,9,27,27,27]
>
> then I would want a function which would do this kid of thing:
>
>> print,fn(cycles)
> [2,6,7,9,27]

The UNIQ function, along with the SORT function, will do this:

   print, UNIQ(cycles, SORT(cycles))

or if you know that your array is already monotonic, just:

   print, UNIQ(cycles)

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