CoCoA-5 - Feature #518

incr/decr functions: to be used in packages

03 Apr 2014 20:13 - Anna Maria Bigatti

Status:	Closed	Start date:	03 Apr 2014
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	Cleaning	Estimated time:	1.50 hour
Target version:	CoCoA-5.1.1 Seoul14	Spent time:	2.00 hours

Description

use **incr** when possible in packages

Related issues:

Related to CoCoA-5 - Design #364: Incr command/function		**Closed**	**03 Jun 2013**
Related to CoCoA-5 - Feature #504: New operators: += -= *= /=		**In Progress**	**02 Apr 2014**
Related to CoCoA-5 - Slug #1275: incr and decr are slow		**New**	**29 Apr 2019**

History

#1 - 04 Apr 2014 00:11 - John Abbott

Wouldn't it be better to wait for the outcome of [#504](#504) before changing the packages?

#2 - 04 Apr 2014 07:27 - Anna Maria Bigatti

John Abbott wrote:

> Wouldn't it be better to wait for the outcome of [#504](#504) before changing the packages?

John Abbott wrote: [#364](#364)

> Using fgrep "+1;" *.cpkg5 produced about 30 lines which could be modified to use incr or decr.
> Let's try in one file, and compare before and after to see what we think.

Let's try them both in one file... ;-)

#3 - 04 Apr 2014 07:38 - John Abbott

"incr" is most used in list.cpkg5 for QuickSort1 and QuickSortBy1.

Anyway, you're right that we can assess how the code looks without actually having to implement += operator.

#4 - 09 Apr 2014 17:46 - John Abbott

- Target version changed from CoCoA-5.1.0 Easter14 to CoCoA-5.1.1 Seoul14

#5 - 18 Jul 2014 16:08 - Anna Maria Bigatti

- Assignee set to Anna Maria Bigatti

- % Done changed from 0 to 20

John Abbott wrote:

> "incr" is most used in list.cpkg5 for QuickSort1 and QuickSortBy1.

I updated the code and it works fine.
I think it is a good thing because it "reads well".

I also changed the Swap code and actually used the new swap function. Readablility++!

#6 - 22 Jul 2014 07:44 - Anna Maria Bigatti

- Status changed from New to Feedback

- % Done changed from 20 to 90

All done (I think).
If/when we make += it'll be easy to search for incr/decr

#7 - 27 Aug 2014 18:11 - Anna Maria Bigatti

- Status changed from Feedback to Closed

- % Done changed from 90 to 100

#8 - 15 Sep 2014 18:27 - Anna Maria Bigatti

- Subject changed from incr function: to be used in packages to incr/decr functions: to be used in packages

#9 - 29 Apr 2019 17:53 - John Abbott

- Related to Slug #1275: incr and decr are slow added