CoCoA-5 - Feature #1583

New fn ElapsedTimeFrom?

19 Mar 2021 13:04 - John Abbott

Status:	New	**Start date:**	19 Mar 2021
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	enhancing/improving	**Estimated time:**	0.00 hour
Target version:	CoCoA-5.4.2	**Spent time:**	0.30 hour

Description		
Now that we have both CpuTime and ElapsedTime, should we also have **ElapsedTimeFrom**?		
Related issues:		
Related to CoCoA-5 - Bug #1553: Timing SystemCommand	**Closed**	**17 Dec 2020**

History

#1 - 19 Mar 2021 13:06 - John Abbott

Currently CpuTime and ElapsedTime return rational numbers (representing seconds).

There is a risk that if someone uses ElapsedTimeFrom with argument corresponding to a CpuTime value then a "meaningless" value may be produced.
One way to avoid this would be to use tags or records to encapsulate the values from CpuTime and ElapsedTime.... but that would not be backward compatible.

#2 - 19 Mar 2021 13:09 - Anna Maria Bigatti

- Related to Bug #1553: Timing SystemCommand added

#3 - 04 Nov 2021 23:18 - John Abbott

- Target version changed from CoCoA-5.4.0 to CoCoA-5.4.2

#4 - 18 Mar 2024 21:27 - John Abbott

I'm tempted to **reject** this. Yes, there is the risk mentioned in the description, but it is not so serious -- if necessary, we can improve the documentation.
Currently, I cannot think of any great use for ElapsedTime... I suppose I must have added it for a reason...