CoCoA-5 - Bug #1244

MSatLinSolve: req minor improvements

15 Feb 2019 22:46 - John Abbott

Status:	In Progress	**Start date:**	15 Feb 2019
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	10%
Category:	enhancing/improving	**Estimated time:**	0.00 hour
Target version:	CoCoA-5.4.2	**Spent time:**	0.25 hour

Description

Currently MSatLinSolve appears to accept matrices over finite fields; probably it should require the ring to be char 0 (perhaps only ZZ or QQ?)

The manual page should be improved. What are the allowed fields in the arg? **eq0**, **lt0**, **le0**, **ne0**, **gt0** and **ge0**?? This should be explained clearly in the description.

History

#1 - 02 Oct 2019 16:13 - John Abbott

- Description updated

- Target version changed from CoCoA-5.3.0 to CoCoA-5.4.0

#2 - 03 Feb 2022 20:14 - John Abbott

- Status changed from New to In Progress

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

- % Done changed from 0 to 10

I have added a quick test in BuiltinFunctions-MathSAT.C.
A very quick test worked as hoped. But it needs more testing.