

CoCoA-5 - Support #1111

CoCoAManual: searching for ?? mat and for ?? matrix give different results

25 Oct 2017 16:12 - John Abbott

Status:	Closed	Start date:	25 Oct 2017
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	Manual/documentation	Estimated time:	1.01 hour
Target version:	CoCoA-5.4.0	Spent time:	0.85 hour
Description			
In CoCoA-5			
??mat			
gives a different result from			
??matrix			
Is this what we want?			

History

#1 - 25 Oct 2017 16:14 - John Abbott

I was hoping to have an interesting issue with number 1111; instead it is just this... sigh!

My guess is that a CoCoA beginner would more likely type ??matrix than ??mat.
I had hoped that they would give the same results...

#2 - 15 May 2020 11:01 - Anna Maria Bigatti

- Subject changed from CoCoAManual: searching for mat and for matrix give different results to CoCoAManual: searching for ?? mat and for ?? matrix give different results
- Status changed from New to Feedback
- Target version changed from CoCoA-5.?.? to CoCoA-5.4.0
- % Done changed from 0 to 90

? mat and ? matrix give the same result.
?? blah means "all entries whose search keys contain blah", so I don't find it strange to have different output for ?? mat and ?? matrix.

#3 - 15 May 2020 12:11 - John Abbott

I mostly agree. However, I wonder whether some results which appear under ??mat should also appear under ??matrix.

Here are some candidates:

- ? DiagMat
- ? ElimHomogMat
- ? ElimMat
- ? HilbertMat
- ? IdentityMat

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? LawrenceMat
? LexMat
? MakeMatByRows, MakeMatByCols
? MakeTermOrd
? matrix
? MSatLinSolve
? NewMat
? NewMatFilled
? RevLexMat
? StdDegLexMat
? StdDegRevLexMat
? SylvesterMat
? TensorMat
? XelMat
? ZeroMat
```

What do you think? I suppose it would suffice to add **matrix** as a keyword...

#4 - 15 May 2020 13:56 - Anna Maria Bigatti

- Status changed from *Feedback* to *Closed*
- Assignee set to *Anna Maria Bigatti*
- % Done changed from 90 to 100
- Estimated time set to 1.01 h

John Abbott wrote:

What do you think? I suppose it would suffice to add **matrix** as a keyword...

As simple as that! true, I did it.