CoCoALib - Feature #955

RandomUnimodularMat - random unimodular matrix (of integers)

27 Oct 2016 13:12 - John Abbott

Status:	Closed	**Start date:**	27 Oct 2016
Priority:	Normal	**Due date:**	
Assignee:	John Abbott	**% Done:**	100%
Category:	New Function	**Estimated time:**	0.00 hour
Target version:	CoCoALib-0.99550 spring 2017	**Spent time:**	2.00 hours

Description		
Write a new function which produces random unimodular matrices of integers.		
Related issues:		
Related to CoCoALib - Slug #1369: RandomUnimodularMat is slow with many iters	**In Progress**	**25 Nov 2019**

History

#1 - 27 Oct 2016 13:17 - John Abbott

- Status changed from New to Feedback

- Assignee set to John Abbott

- % Done changed from 0 to 90

Perhaps the function is not that widely usable, but it was handy for something I was doing, so I made it publicly available.
It is in MatrixSpecial.

Added doc, but no tests yet.

#2 - 27 Oct 2016 15:58 - John Abbott

I have added a test (which revealed issue #956).
I would check in, but EduRoam is being more than usually obstructive today >-{

#3 - 18 Nov 2016 22:39 - John Abbott

- Status changed from Feedback to Closed

- % Done changed from 90 to 100

#4 - 25 Nov 2019 13:46 - John Abbott

- Related to Slug #1369: RandomUnimodularMat is slow with many iters added