

CoCoA-5 - Feature #1806

New function ModuleElems? (like RingElems(RING, STRING))

26 Mar 2024 13:44 - Anna Maria Bigatti

Status:	New	Start date:	26 Mar 2024
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	CoCoA-5 function: new	Estimated time:	0.00 hour
Target version:	CoCoA-5.4.4	Spent time:	0.00 hour
<div>Description</div> <p>The best shortcut to make a submodule is via SumboduleCols/Rows.</p> <p>As pointed out in #1072-#1, even for one generator we need the list:</p> <pre>use P ::= QQ[x,y,z]; M3 := NewFreeModule(P,3); v := ModuleElem(M3, [0,z,-y]); submodule(M3, [v]);</pre> <p>I don't think it worth implementing the 1-2-3 generator shortcuts as for ideal, but maybe a syntax to read from a string could be handy.</p>			