

CoCoA-5 - Support #1480

Documentation for making ring with parameters

11 Aug 2020 12:21 - John Abbott

Status:	New	Start date:	11 Aug 2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Manual/documentation	Estimated time:	0.00 hour
Target version:	CoCoA-5.4.2	Spent time:	0.20 hour
<div>Description</div> <p>I was recently asked how to compute with parameters. It is not easy to find this out from the documentation. So make better doc!</p> <p>Here is the example I created "on the fly":</p> <pre>/**/ Qa ::= QQ[a]; /**/ k := NewFractionField(Qa); /**/ P ::= k[x,y]; /**/ use P; /**/ I := ideal(x^2+y^2-a^2, x-y); /**/ ReducedGBasis(I); [x -y, y^2 +(-a^2)/2] /**/ I := ideal(x^2+y^2-a^2, a*x-y); /**/ ReducedGBasis(I); [x +(-1/a)*y, y^2 +(-a^4)/(a^2 +1)]</pre>			

History

#1 - 11 Aug 2020 12:21 - John Abbott

- Category set to Manual/documentation
- Target version set to CoCoA-5.4.0

#2 - 03 Feb 2022 20:18 - John Abbott

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