Mulgara - Feature #105

Duplicate variables in BGPs can be handled in algebra

05/08/2008 06:06 AM - Paula Gearon

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Paula Gearon	**% Done:**	0%
Category:	Mulgara	**Estimated time:**	0.00 hour
Target version:	SPARQL Query Engine		
Resolution:	duplicate		

Description

```
Instead, successive instances of the same variable should be renamed, and the constraint should be
 conjoined with itself with the repeated variables rotated around.

e.g. for 2 variables:
 {?x ?x ?y} becomes: {?x ?x2 ?y} AND {?x2 ?x ?y}

 {?x ?y ?x} becomes: {?x ?y ?x2} AND {?x2 ?y ?x}

 {?y ?x ?x} becomes: {?y ?x ?x2} AND {?y ?x2 ?x}

and for 3 variables:
 {?x ?x ?x} becomes: {?x ?x2 ?x3} AND {?x3 ?x ?x2} AND {?x2 ?x3 ?x}

The values of ?x2 and ?x3 can always be ignored since they are identical to ?x.
```

History

#1 - 05/31/2008 02:06 AM - Paula Gearon

- Status changed from New to Closed

- Resolution set to duplicate

See ticket [#120](#120)