

## Mulgara - Feature #105

### Duplicate variables in BGPs can be handled in algebra

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

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Paula Gearon	<b>% Done:</b>	0%
<b>Category:</b>	Mulgara	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	SPARQL Query Engine		
<b>Resolution:</b>	duplicate		
<b>Description</b>			
<p>Instead, successive instances of the same variable should be renamed, and the constraint should be conjoined with itself with the repeated variables rotated around.</p> <p>e.g. for 2 variables: {?x ?x ?y} becomes: {?x ?x2 ?y} AND {?x2 ?x ?y}</p> <p>{?x ?y ?x} becomes: {?x ?y ?x2} AND {?x2 ?y ?x}</p> <p>{?y ?x ?x} becomes: {?y ?x ?x2} AND {?y ?x2 ?x}</p> <p>and for 3 variables: {?x ?x ?x} becomes: {?x ?x2 ?x3} AND {?x3 ?x ?x2} AND {?x2 ?x3 ?x}</p> <p>The values of ?x2 and ?x3 can always be ignored since they are identical to ?x.</p>			

#### History

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

- Status changed from New to Closed
- Resolution set to duplicate

See ticket [#120](#)