

Mulgara - Feature #26

Remove getElement() from the Constraint interface - An easy fix, no prior mulgara-internals experience required.

10/03/2006 06:30 AM - Andrae Muys -

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:	Paula Gearon	% Done:	0%
Category:	Mulgara	Estimated time:	0.00 hour
Target version:			
Resolution:			
Description			
<p>Back in the distant past when the only type of Constraint supported was what we now refer to as <code>[[ConstraintImpl]]</code>, <code>getElement()</code> was an ugly, but harmless way of obtaining the different elements of a constraint.</p> <p>
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</p> <p>Now that we have dozens of different constraint types, the vast majority of which have to implement <code>getElement()</code> by throwing an exception, this is not so harmless.</p> <p>
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</p> <p>It would be great if someone could go through the codebase and:</p> <p>
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</p> <p>1) Add <code>getSubject()</code>, <code>getPredicate()</code>, and <code>getObject()</code> to <code>[[ConstraintImpl]]</code></p> <p>
</p> <p>2) Find each call to <code>[[ConstraintImpl]]::getElement()</code>, and replace with the appropriate call (<code>element 0->subject, 1->predicate, 2->object; 3->model</code> but that should already have been done).</p> <p>
</p> <p>3) Repeat for <code>[[ConstraintNegation]]</code> (and any other constraint type that implements <code>getElement()</code>, but IIRC there aren't any).</p> <p>
</p> <p>4) Remove <code>getElement()</code> from the Constraint interface and implementing classes thereby banishing this aberration.</p>			