

Kepler - Bug #3361

parameters lose their Display Name when copy and pasted

06/03/2008 05:23 PM - Derik Barseghian

Status:	In Progress	Start date:	06/03/2008
Priority:	Normal	Due date:	
Assignee:	Derik Barseghian	% Done:	0%
Category:	general	Estimated time:	0.00 hour
Target version:	3.X.Y	Spent time:	0.00 hour
Bugzilla-Id:	3361		
Description			
It may be this is the 'proper' behavior, but it doesn't seem so to me (cxh?).			
steps to reproduce:			
- Drag Parameter to canvas			
- Right click, Customize Name			
- type in a New Name: new_name, and a Display Name: display_name			
- Commit			
- copy and paste the Parameter			
The second Parameter has New name: new_name2, and Display name: new_name2, but I think Display name should be: display_name2.			
This affects:			
GriddlesParameter			
ColorParameter			
FileParameter			
Parameter			
PortParameter			
RequireVersion			
SemanticTypeParameter			
StringParameter			

History

#1 - 06/03/2008 05:26 PM - Derik Barseghian

Also, why "New name" ? It seems like it should just be Name and Display Name.

#2 - 06/05/2008 07:11 PM - Christopher Brooks

I've partially fixed this.

1) NamedObj._exportMoMLContents() now exports the value of _displayName if it is non-null. Formerly, NamedObj.exportMoML() was doing the export of _displayName, but this was causing problems when Parameter.exportMoML() was called because NamedObj.exportMoML() was not being called, NamedObj.exportMoMLContents() was instead being called.

NamedObj now looks like:

```
protected void _exportMoMLContents(Writer output, int depth)
throws IOException {
// If the display name has been set, then include a display element.
// Note that copying parameters that have _displayName set need
// to export _displayName.
// See: http://bugzilla.ecoinformatics.org/show\_bug.cgi?id=3361
if (_displayName != null) {
output.write("<display name=\""");
output.write(StringUtilities.escapeForXML(_displayName));
output.write("\"/>");
}
}
```

```
// Callers of this method should hold read access
// so as to avoid ConcurrentModificationException.
```

```
    if (_attributes != null) {
        Iterator attributes = _attributes.elementList().iterator();

while (attributes.hasNext()) {
    Attribute attribute = (Attribute) attributes.next();
    attribute.exportMoML(output, depth);
}
}
}
```

2) I changed actor.gui.RenameConfigurer so that we now say "Name" instead of "New Name". This fits better with the other dialogs. For example, Edit Parameters does not say "New foo", it says "foo".

3) I'm not so sure if the copy of a Parameter should update the Display Name or not. The reason is that if we start messing with the internals of a Parameter, we are sort of violating some sort of existing contract. This could be done, perhaps by having MoMLParser.attribute() properly handle the _displayName, but this seems hacky. Further discussion is warranted.
I'm moving this to an enhancement request.

#3 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3361