# Kepler - Bug #4731

## Documentation Customize on directors and parameters gives ClassCastException

02/03/2010 10:47 PM - Derik Barseghian

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|---|---|---|---|
| **Status:** | Resolved | **Start date:** | 02/03/2010 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | Aaron Aaron | **% Done:** | 0% |
| **Category:** | general | **Estimated time:** | 0.00 hour |
| **Target version:** | 2.0.0 | **Spent time:** | 0.00 hour |
| **Bugzilla-Id:** | 4731 | | |

**Description**

If you right click Documentation => Customize on a director or parameter you get a ClassCastException.

### History

#### #1 - 02/04/2010 12:07 AM - Aaron Aaron

Thanks Derik I'll look into it.

#### #2 - 02/04/2010 08:59 AM - Christopher Brooks

This problem occurs in Kepler, but not in Vergil.

The stack trace indicates the problem is in KeplerDocApplicationSpecializer.
The issue here is that a Director is actually an Attribute, not an Entity.

java.lang.ClassCastException: ptolemy.domains.ct.kernel.CTMixedSignalDirector
at org.kepler.gui.KeplerDocApplicationSpecializer.createEditingPanel(KeplerDocApplicationSpecializer.java:522)
at org.kepler.gui.KeplerDocApplicationSpecializer.editDocumentation(KeplerDocApplicationSpecializer.java:286)
at ptolemy.vergil.basic.CustomizeDocumentationAction$1._execute(CustomizeDocumentationAction.java:146)
at ptolemy.kernel.util.ChangeRequest.execute(ChangeRequest.java:171)
at ptolemy.kernel.util.NamedObj.executeChangeRequests(NamedObj.java:732)
at ptolemy.kernel.util.NamedObj.requestChange(NamedObj.java:1757)
at ptolemy.actor.CompositeActor.requestChange(CompositeActor.java:1533)
at ptolemy.kernel.util.NamedObj.requestChange(NamedObj.java:1740)
at ptolemy.vergil.basic.CustomizeDocumentationAction.actionPerformed(CustomizeDocumentationAction.java:150)
at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:1882)
at javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2202)
at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:420)
at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:258)
at javax.swing.AbstractButton.doClick(AbstractButton.java:334)
at javax.swing.plaf.basic.BasicMenuItemUI.doClick(BasicMenuItemUI.java:1050)
at apple.laf.CUIAquaMenuItem.doClick(CUIAquaMenuItem.java:119)
at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(BasicMenuItemUI.java:1091)
at java.awt.Component.processMouseEvent(Component.java:5602)
at javax.swing.JComponent.processMouseEvent(JComponent.java:3129)
at java.awt.Component.processEvent(Component.java:5367)
at java.awt.Container.processEvent(Container.java:2010)
at java.awt.Component.dispatchEventImpl(Component.java:4068)
at java.awt.Container.dispatchEventImpl(Container.java:2068)
at java.awt.Component.dispatchEvent(Component.java:3903)
at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4256)
at java.awt.LightweightDispatcher.processMouseEvent(Container.java:3936)
at java.awt.LightweightDispatcher.dispatchEvent(Container.java:3866)
at java.awt.Container.dispatchEventImpl(Container.java:2054)
at java.awt.Window.dispatchEventImpl(Window.java:1801)
at java.awt.Component.dispatchEvent(Component.java:3903)
at java.awt.EventQueue.dispatchEvent(EventQueue.java:463)
at java.awt.EventDispatchThread.pumpOneEventForHierarchy(EventDispatchThread.java:269)
at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:190)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:184)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:176)
at java.awt.EventDispatchThread.run(EventDispatchThread.java:110)

#### #3 - 02/04/2010 03:54 PM - Aaron Aaron

I've changed KeplerDocApplicationSpecializer to ignore dealing with ports on non-entities.  This seems to do the trick.

**#4 - 03/27/2013 02:27 PM - Redmine Admin**

Original Bugzilla ID was 4731