

# Apache Struts

Using Apache Struts version 1.2.9 I installed it in Apache Tomcat and clicked all the links in all of the Struts examples pages in order to create a list of loaded classes. I then used the perl scripts from JIRA issue 565 (<http://issues.apache.org/jira/browse/HARMONY-565>) to compare the list to the list of available classes in r412002.

Here is the list of classes that I think will be needed to be able to run Struts in Tomcat:

```
java/awt/AWTPermission  
java/awt/GraphicsEnvironment  
java/awt/MenuContainer  
java/awt/Panel  
java/awt/image/ImageObserver  
javax/accessibility/Accessible
```