$Table 1\ The\ original\ class\ Default Application Model\ in\ JHot Draw$

Original Class DefaultApplicationModel	
Attributes	Methods
name	setName(String newValue)
version	getName()
copyright	setVersion(String newValue)
viewClass	getVersion()
viewClassName	setCopyright(String newValue)
NAME_PROPERTY	getCopyright()
VERSION_PROPERTY	setViewClassName(String newValue)
COPYRIGHT_PROPERTY	setViewClass(Class newValue)
VIEW_CLASS_NAME_PROPERTY	getViewClass()
VIEW_CLASS_PROPERTY	createView()
	createToolBars(Application, View)
	createMenus(Application, View)
	createEditMenu(Application, View)
	initView(Application, View)

Table2 The new classes extracted by developers

Table2 The new classes extracted by developers		
Class Extracted by the Developers - 1		
Attributes	Methods	
name	setName(newValue)	
version	getName()	
copyright	setVersion(newValue)	
Class viewClass	getVersion()	
viewClassName	setCopyright(newValue)	
NAME_PROPERTY	getCopyright()	
VERSION_PROPERTY	setViewClassName(newValue)	
COPYRIGHT_PROPERTY	setViewClass(Class newValue)	
VIEW_CLASS_NAME_PROPERTY	getViewClass()	
VIEW_CLASS_PROPERTY	createView()	
Class Extracted by the Developers - 2		
Attributes	Methods	
	createToolBars(Application, View)	
	createMenus(Application, View)	
	createEditMenu(Application, View)	
	initView(Application, View)	

Table3 The new classes extracted by our approach

Class Extracted our approach - 1		
Attributes	Methods	
viewClass	setViewClass(Class)	
viewClassName	getViewClass()	
name	initView(Application, View)	
COPYRIGHT_PROPERTY	createView()	
NAME_PROPERTY	setViewClassName(String)	

Class Extracted our approach - 1		
Attributes	Methods	
VERSION_PROPERTY	setName(String)	
VIEW_CLASS_NAME_PROPERTY	getName()	
VIEW_CLASS_PROPERTY	setVersion(String)	
version	getVersion()	
copyright	setCopyright(String)	
	getCopyright()	
Class Extracted our approach - 2		
Attributes	Methods	
	createEditMenu(Application, View)	
	createMenus(Application, View)	
	createToolBars(Application, View)	