Table1 The original class Import in ArgoUML

Original Class　Import	
Attributes	Methods
LOG	getInputSourceEncoding()
srcPath	disposeDialog()
diagramInterface	getConfigPanel(Import importInstance)
modules	doFile()
configPanel	setSrcPath(String path)
descend	getSrcPath()
changedOnly	isCreateDiagramsChecked()
createDiagrams	isDiscendDirectoriesRecursively()
minimiseFigs	isMinimiseFigsChecked()
layoutDiagrams	needsSave()
classOnly	
classAndFeatures	
fullImport	
inputSourceEncoding	
dialog	
iss	
problems	

Table2 The new classes extracted by developers

Class Extracted by the Developers - 1	
Attributes	Methods
configPanel	getInputSourceEncoding()
descend	disposeDialog()
changedOnly	getConfigPanel(Import importInstance)
createDiagrams	doFile()
minimiseFigs	isCreateDiagramsChecked()
layoutDiagrams	isMinimizeFigsChecked()
classOnly	isDiscendDirectoriesRecursively()
classAndFeatures	
fullImport	
inputSourceEncoding	
dialog	
iss	
problems	
Class Extracted by the Developers - 2	
Attributes	Methods
LOG	needsSave()
modules	setSrcPath(String)
srcPath	getSrcPath()
diagramInterface	

Table3 The new classes extracted by our approach

Class Extracted our approach - 1	
Attributes	Methods
iss	disposeDialog()
minimiseFigs	getInputSourceEncoding()
dialog	isCreateDiagramsChecked()
inputSourceEncoding	isMinimiseFigsChecked()
classOnly	doFile()
classAndFeatures	getConfigPanel(Import)
changedOnly	isDiscendDirectoriesRecursively()
layoutDiagrams	
descend	
createDiagrams	
fullImport	
configPanel	
problems	
Class Extracted our approach - 2	
Attributes	Methods
LOG	needsSave()
modules	getSrcPath()
srcPath	setSrcPath(String)
diagramInterface	