Table1 The original class XMLSerializer in Xerces

Original Class XMLSerializer	
Attributes	Methods
DEBUG	setOutputFormat(OutputFormat)
fNSBinder	startElement(String, String, String, Attributes)
fLocalNSBinder	endElement(String, String, String)
SymbolTable	endElementIO(String, String, String)
fSymbolTable	startElement(String, AttributeList)
fEmptySymbol	endElement(String)
fXmlSymbol	startDocument(String)
fXmlnsSymbol	serializeElement(Element)
fDOML1	printNamespaceAttr(String, String)
fNamespaceCounter	printAttribute(String, String, boolean)
fPreserveSpace	getEntityRef(int)
fEncoding	extractNamespaces(Attributes)
	checkAllFeatures()
	setFeature(String, boolean)
	canSetFeature(String, boolean)
	getFeature(String)
	getEncoding()
	setEncoding(String)
	getNewLine()
	setNewLine(String)
	getErrorHandler()
	setErrorHandler(DOMErrorHandler)
	writeNode(OutputStream, Node)
	writeToString(Node)
	reset()

Table2 The new classes extracted by developers

Class Extracted by the Developers - 1	
Attributes	Methods
fEncoding	setFeature(String, boolean)
	canSetFeature(String, boolean)
	getFeature(String)
	getEncoding()
	setEncoding(String)
	getErrorHandler()
	setErrorHandler(DOMErrorHandler)
	writeNode(OutputStream, Node)
	writeToString(Node)
	setNewLine(String)
	getNewLine()
	reset()
	checkAllFeatures()

Class Extracted by the Developers - 2	
Attributes	Methods
DEBUG	setOutputFormat(OutputFormat)
fNSBinder	startElement(String, String, String, Attributes)
fLocalNSBinder	endElement(String)
fSymbolTable	endElementIO(String, String, String)
fEmptySymbol	startElement(String, AttributeList)
fXmlSymbol	endElement(String, String, String)
fXmlnsSymbol	startDocument(String)
fDOML1	serializeElement(Element)
fNamespaceCounter	printNamespaceAttr(String, String)
fPreserveSpace	printAttribute(String, String, boolean)
	getEntityRef(int)
	extractNamespaces(Attributes)

Table3 The new classes extracted by our approach

Class Extracted our approach - 1	
Attributes	Methods
DEBUG	endElement(String)
fNSBinder	endElement(String, String, String)
fLocalNSBinder	endElementIO(String, String, String)
fSymbolTable	extractNamespaces(Attributes)
fEmptySymbol	getEntityRef(int)
fXmlSymbol	printAttribute(String, String, boolean, Attr)
fXmlnsSymbol	printNamespaceAttr(String, String)
fDOML1	serializeElement(Element)
fNamespaceCounter	startDocument(String)
fPreserveSpace	startElement(String, String, String, Attributes)
	startElement(String, AttributeList)

Class Extracted our approach - 2	
Attributes	Methods
fEncoding	setOutputFormat(OutputFormat)
	setFeature(String, boolean)
	canSetFeature(String, boolean)
	getFeature(String)
	getEncoding()
	setEncoding(String)
	getErrorHandler()
	setErrorHandler(DOMErrorHandler)
	writeNode(OutputStream, Node)
	writeToString(Node)
	setNewLine(String)
	getNewLine()
	reset()
	checkAllFeatures()

Table 4 The new classes extracted by Bavota's approach[14]

Class Extracted Bavota's approach - 1	
Attributes	Methods
fEncoding	setFeature(String name, boolean state)
	canSetFeature(String name, boolean state)
	getFeature(String name)
	getEncoding()
	setEncoding(String encoding)
	getErrorHandler()
	setErrorHandler(DOMErrorHandler errorHandler)
	writeNode(java.io.OutputStream destination, Node wnode)
	writeToString(Node wnode)
	reset()
	checkAllFeatures()
	setOutputFormat(OutputFormat format)

Class Extracted Bavota's approach - 2	
Attributes	Methods
DEBUG	startElement(String, String, String, Attributes)
fNSBinder	endElement1(String)
fLocalNSBinder	endElementIO(String, String, String)
fSymbolTable	startElement1(String, String)
fEmptySymbol	endElement(String, String, String)
fXmlSymbol	startDocument(String)
fXmlnsSymbol	serializeElement(Element)
fDOML1	printNamespaceAttr(String, String)
fNamespaceCounter	printAttribute(String, String value, boolean)
fPreserveSpace	getEntityRef(int ch)
	extractNamespaces(Attributes)
	setNewLine(String)
	getNewLine()

Table 5 The new classes extracted by Fokaefs' approach

Class Extracted Fokaefs' approach - 1	
Attributes	Methods
fEncoding	setFeature(String, boolean)
fNamespaceCounter	canSetFeature(String, boolean)
	getFeature(String name)
	getEncoding()
	setEncoding(String)
	getErrorHandler()
	setErrorHandler(DOMErrorHandler errorHandler)
	writeNode(OutputStream, Node)
	writeToString(Node)
	setNewLine(String)

	getNewLine()
	reset()
	private boolean fPreserveSpace
	checkAllFeatures()
Class Extracted Fokaefs' approach - 2	
Attributes	Methods
DEBUG	setOutputFormat(OutputFormat)
fNSBinder	startElement(String, String, String, Attributes)
fLocalNSBinder	endElement1(String)
fSymbolTable	endElementIO(String, String, String)
fEmptySymbol	startElement1(String, String)
fXmlSymbol	endElement(String, String, String)
fXmlnsSymbol	startDocument(String)
fDOML1	serializeElement(Element)
	printNamespaceAttr(String, String)
	printAttribute(String, String, boolean)
	getEntityRef(int)
	extractNamespaces(Attributes)