|  |  |  |
| --- | --- | --- |
| **Non-Inheritance Extract Class Refactoring Suggestions** | | |
| Original Class  [*N*split] | Extract Class | |
| New Class  [Superclass]  [Subclass] | Methods/Fields |
| XmlParser  [3] | XmlParser\_new\_1  [-]  [-] | ATTRIBUTE\_NMTOKENS  ATTRIBUTE\_NOTATION  ATTRIBUTE\_NMTOKEN  ENCODING\_UCS\_4\_4321  CONTENT\_MIXED  ENTITY\_INTERNAL  ENCODING\_UTF\_8  ENTITY\_UNDECLARED  ATTRIBUTE\_DEFAULT\_REQUIRED  CONTENT\_UNDECLARED  CONTENT\_EMPTY  ATTRIBUTE\_ID  INPUT\_EXTERNAL  baseInputBufferLength  ENCODING\_UCS\_2\_12  ATTRIBUTE\_IDREFS  baseInputBufferStart  ENCODING\_UCS\_4\_1234  ENTITY\_TEXT  ENCODING\_UCS\_2\_21  INPUT\_STREAM  ATTRIBUTE\_ENTITIES  LIT\_ENTITY\_REF  CONTEXT\_ENTITYVALUE  INPUT\_INTERNAL  ATTRIBUTE\_ENTITY  CONTEXT\_ATTRIBUTEVALUE  SYMBOL\_TABLE\_LENGTH  INPUT\_NONE  LIT\_PE\_REF  readLiteral(int)  parseUntil(String)  getLineNumber()  line  ATTRIBUTE\_ENUMERATED  CONTENT\_ELEMENTS  ENCODING\_UCS\_4\_2143  LIT\_CHAR\_REF  baseInputBuffer  baseEncoding  ENCODING\_UCS\_4\_3412  ATTRIBUTE\_IDREF  USE\_CHEATS  ATTRIBUTE\_CDATA  ATTRIBUTE\_DEFAULT\_UNDECLARED  ENTITY\_NDATA  ATTRIBUTE\_DEFAULT\_FIXED  CONTENT\_ANY  ATTRIBUTE\_DEFAULT\_IMPLIED  CONTEXT\_DTD  ATTRIBUTE\_UNDECLARED  READ\_BUFFER\_MAX  CONTEXT\_NONE  ENCODING\_ISO\_8859\_1  INPUT\_BUFFER  INPUT\_READER  LIT\_NORMALIZE  ATTRIBUTE\_DEFAULT\_SPECIFIED  intern(char[], int, int)  symbolTable  parse(String,String,String)  parse(String,String,InputStream,String)  XmlParser()  parse(String,String,Reader)  skipUntil(String)  extendArray(Object, int, int)  parseEq()  getAttributeDefaultValueType(String,String)  nameBufferPos  require(char)  require(String)  error(String, char,String)  parseComment()  parseEntityRef(boolean)  parseCharRef()  parseWhitespace()  parseMisc()  parseProlog()  nameBuffer  entityStack  setInternalEntity(String,String)  getAttributeExpandedValue(String,String)  declaredAttributes(String)  intern(String)  parseDocument()  baseReader  baseInputStream  baseURI  errorCount  externalEntity  tagAttributes  tagAttributePos  currentElement  initializeVariables()  cleanupVariables()  currentElementContent  parseContent()  doParse(String,String,Reader,InputStream,String)  encodingError(String, int, int)  dataBufferFlush()  parseElement()  setHandler(XmlHandler)  handler  parsePI()  parseETag()  parseDoctypedecl()  parseAttribute(String)  error(String,String,String)  dataBufferPos  dataBuffer  dataBufferAppend(char[], int, int)  dataBufferAppend(char)  dataBufferToString()  dataBufferNormalize()  basePublicId  parseCDSect()  dataBufferAppend(String)  tryRead(String)  tryRead(char)  requireWhitespace()  readExternalIds(boolean)  parseNotationDecl()  parseElementdecl()  parseConditionalSect()  parseMarkupdecl()  setExternalDataEntity(String,String,String,String)  setExternalTextEntity(String,String,String)  setAttribute(String,String, int,String,String, int)  parseEntityDecl()  parseDefault(String,String, int,String)  context  parseAttDef(String)  parseAttlistDecl()  parseContentspec(String)  parseMixed()  parseElements()  parseCp()  parseEnumeration()  NAME\_BUFFER\_INITIAL  static {}  readAttType()  attributeTypeHash  DATA\_BUFFER\_INITIAL  parseNotationType() |
| XmlParser\_new\_2  [-]  [-] | parseTextDecl(boolean)  parseXMLDecl(boolean)  tryEncodingDecl(boolean)  inputStack  tryWhitespace()  isWhitespace(char)  tryEncoding(byte[], byte, byte)  tryEncoding(byte[], byte, byte, byte, byte)  currentByteCount  reader  detectEncoding()  encoding  checkEncoding(String, boolean)  is  rawReadBuffer  getNextUtf8Byte(int, int)  sourceType  sawCR  getColumnNumber()  column  readBufferLength  readBufferPos  readBuffer  unread(char[], int)  pushURL(String,String,String,Reader,InputStream,  String)  popInput()  unread(char)  readNmtoken(boolean)  readCh()  skipWhitespace()  pushCharArray(String, char[], int, int)  filterCR()  readDataChunk()  copyUtf8ReadBuffer(int)  copyUcs2ReadBuffer(int, int, int)  copyUcs4ReadBuffer(int, int, int, int, int)  copyIso8859\_1ReadBuffer(int)  read8bitEncodingDeclaration()  parsePCData()  pushInput(String)  readBufferOverflow |
| XmlParser\_new\_3  [-]  [-] | setNotation(String,String,String)  declaredNotations()  getNotationSystemId(String)  notationInfo  getNotationPublicId(String)  getAttributeDefaultValue(String,String)  getAttributeType(String,String)  getAttributeEnumeration(String,String)  getAttribute(String,String)  getElementContentType(String)  getElementContentModel(String)  elementInfo  getElementAttributes(String)  setElement(String, int,String,Hashtable)  declaredElements()  pushString(String,String)  parsePEReference(boolean)  setEntity(String, int,String,String,String,String)  getEntityNotationName(String)  declaredEntities()  getEntitySystemId(String)  getEntityPublicId(String)  getEntityValue(String)  getEntityType(String)  entityInfo |
| TextAreaPainter  [2] | TextAreaPainter\_new\_1  [-]  [-] | getHeight()  getMinimumSize()  rows  cols  tabSize  maxLineLen  highlights  getPreferredSize()  paintLine(Graphics,TokenMarker, boolean, int, int)  TextAreaPainter(JEditTextArea)  paintCaret(Graphics, int, int)  paintLineHighlight(Graphics, int, int)  getFontMetrics()  fm  getToolTipText(MouseEvent)  updateTabSize()  paint(Graphics)  setFont(Font)  invalidateLineRange(int, int)  invalidateLine(int)  addCustomHighlight(TextAreaHighlight)  paintHighlight(Graphics, int, int, boolean)  setBracketHighlightEnabled(boolean)  bracketHighlight  isBracketHighlightEnabled()  getBracketHighlightColor()  setBracketHighlightColor(Color)  bracketHighlightColor  paintBracketHighlight(Graphics, int, int)  invalidateSelectedLines()  textArea  nextTabStop(float, int) |
| TextAreaPainter\_new\_2  [-]  [-] | setCursor(Cursor)  getWidth()  repaint()  isManagingFocus()  addComponentListener(ComponentListener)  addMouseListener(MouseListener)  addMouseMotionListener(MouseMotionListener)  getToolkit()  getStyles()  setStyles(SyntaxStyle[])  styles  getFont()  lineHighlight  isLineHighlightEnabled()  setLineHighlightEnabled(boolean)  getBackground()  getLineHighlightColor()  setLineHighlightColor(Color)  lineHighlightColor  setForeground(Color)  getSelectionColor()  setSelectionColor(Color)  selectionColor  getCaretColor()  setCaretColor(Color)  caretColor  getForeground()  getEOLMarkerColor()  setEOLMarkerColor(Color)  eolMarkerColor  getWrapGuideColor()  setWrapGuideColor(Color)  wrapGuideColor  setWrapGuidePainted(boolean)  wrapGuide  getWrapGuidePainted()  eolMarkers  getEOLMarkersPainted()  setEOLMarkersPainted(boolean)  setBackground(Color)  setBlockCaretEnabled(boolean)  blockCaret  isBlockCaretEnabled() |
| JEditTextArea  [2] | JEditTextArea\_new\_1  [-]  [-] | grabFocus()  documentHandlerInstalled  lineSegment  documentHandler  focusedComponent  hasFocus()  getBracketLine()  bracketLine  getBracketPosition()  bracketPosition  closeBrackets  mouseHandler  caretEvent  addCaretListener(CaretListener)  listenerList  removeCaretListener(CaretListener)  fireCaretEvent()  RIGHT  static {}  LEFT\_OF\_SCROLLBAR  caretTimer  CENTER  LEFT  BOTTOM  openBrackets  add(String,Component)  isHighlightVisible()  repaint()  getGutter()  gutter  vertical  maxHorizontalScrollWidth  horizontal  blink  isCaretVisible()  caretBlinks  isCaretBlinkEnabled()  overwrite  isOverwriteEnabled()  JEditTextArea(View)  selectParagraph()  showGoToLineDialog()  showSelectLineRangeDialog()  processKeyEvent(KeyEvent)  smartEnd(boolean)  goToEndOfLine(boolean)  goToStartOfWhiteSpace(boolean)  goToStartOfLine(boolean)  smartHome(boolean)  view  goToEndOfWhiteSpace(boolean)  getElectricScroll()  setElectricScroll(int)  electricScroll  getHorizontalOffset()  setHorizontalOffset(int)  horizontalOffset  setCaretBlinkEnabled(boolean)  blinkCaret()  \_setHorizontalOffset(int)  setSelectionRectangular(boolean)  toggleOverwriteEnabled()  setOverwriteEnabled(boolean)  getPainter()  painter  \_setFirstLine(int)  recalculateVisibleLines()  updateScrollBars()  updateMaxHorizontalScrollWidth()  scrollToCaret(boolean)  goToFirstVisibleLine(boolean)  xyToOffset(int, int)  yToLine(int)  goToLastVisibleLine(boolean)  getVisibleLines()  visibleLines  goToNextPage(boolean)  goToPrevPage(boolean)  scrollDownPage()  scrollDownLine()  getFirstLine()  setFirstLine(int)  firstLine  scrollUpLine()  scrollUpPage()  lineToY(int)  setOrigin(int, int) |
| JEditTextArea\_new\_2  [-]  [-] | revalidate()  clickCount  addFocusListener(FocusListener)  setRightClickPopup(JPopupMenu)  getRightClickPopup()  popup  dragStartLine  requestFocus()  scrollBarsInitialized  toggleSelectionRectangular()  rectSelect  isSelectionRectangular()  dragStartOffset  getBorder()  getToolkit()  selectAll()  completeWord(String, int,String)  selectNone()  doWordCount(View,String)  createSoftTab(String, int)  updateBracketHighlight(int, int)  xToOffset(int, int)  offsetToX(int, int)  documentChanged(DocumentEvent)  addNotify()  completeWord()  centerCaret()  boxComment()  blockComment()  shiftIndentRight()  shiftIndentLeft()  indentSelectedLines()  removeTrailingWhiteSpace()  showWordCountDialog()  deleteLine()  deleteToEndOfLine()  goToPrevWord(boolean)  goToNextMarker(boolean)  showSetMarkerDialog()  doWordWrap(int, boolean)  getTokenMarker()  getLineText(int,Segment)  joinLines()  setTokenMarker(TokenMarker)  getText()  setText(String)  deleteParagraph()  formatParagraph()  deleteToStartOfLine()  goToMatchingBracket()  selectWord()  goToNextWord(boolean)  goToPrevMarker(boolean)  getLineOfOffset(int)  goToNextBracket(boolean)  getText(int, int,Segment)  getBufferLength()  getLineCount()  getLineEndOffset(int)  getLineLength(int)  getText(int, int)  getLineStartOffset(int)  isEditable()  getBuffer()  setBuffer(Buffer)  buffer  select(int, int, boolean)  getSelectionEnd(int)  userInput(char)  getSelectedText()  setSelectedText(String)  selectBlock()  backspaceWord()  deleteWord()  toLowerCase()  spacesToTabs()  tabsToSpaces()  toUpperCase()  goToNextCharacter(boolean)  getMarkPosition()  getCaretPosition()  getSelectionStart()  getSelectionStart(int)  setSelectionStart(int)  selectionStart  getSelectionEnd()  setSelectionEnd(int)  selectionEnd  goToPrevCharacter(boolean)  backspace()  delete()  wingComment()  removeNotify()  moveCaretPosition(int)  selectLine()  goToPrevBracket(boolean)  goToNextParagraph(boolean)  goToPrevParagraph(boolean)  getSelectionEndLine()  selectionEndLine  getSelectionStartLine()  selectionStartLine  getMarkLine()  getCaretLine()  biasLeft  setCaretPosition(int)  select(int, int)  goToNextLine(boolean)  goToPrevLine(boolean)  setMagicCaretPosition(int)  getMagicCaretPosition()  magicCaret  getLineText(int) |
| Gutter  [2] | Gutter\_new\_1  [-]  [-] | repaint()  getMinimumSize()  view  setBorder(Border)  ileft  collapsedSize  getToolTipText(MouseEvent)  highlights  paintLineNumbers(Graphics)  addCustomHighlight(TextAreaHighlight)  paintCustomHighlights(Graphics)  textArea  paintComponent(Graphics)  getPreferredSize()  invalidateLine(int)  invalidateLineRange(int, int)  setCollapsed(boolean)  collapsed  toggleCollapsed()  isCollapsed()  setGutterWidth(int)  Gutter(View,JEditTextArea) |
| Gutter\_new\_2  [-]  [-] | setLineNumberingEnabled(boolean)  lineNumberingEnabled  toggleLineNumberingEnabled()  isLineNumberingEnabled()  getWidth()  updateBorder()  focusBorder  setBorder(int,Color,Color,Color)  noFocusBorder  borderWidth  getGutterWidth()  gutterSize  saveGutterSize()  context  getContextMenu()  setContextMenu(JPopupMenu)  setFont(Font)  fm  baseline  setHighlightedForeground(Color)  getHighlightedForeground()  intervalHighlight  setCurrentLineForeground(Color)  getCurrentLineForeground()  currentLineHighlight  setBackground(Color)  setForeground(Color)  setCurrentLineHighlightEnabled(boolean)  currentLineHighlightEnabled  isCurrentLineHighlightEnabled()  interval  getHighlightInterval()  setHighlightInterval(int)  getBackground()  getForeground()  getFont()  setLineNumberAlignment(int)  alignment  getLineNumberAlignment() |
| Primitive  [2] | Primitive\_new\_1  [InterpreterConstants]  [-] | Primitive(Character)  Primitive(Number)  Primitive(Boolean)  promotePrimitives(Object,Object)  longBinaryOperation(Long,Long, int)  floatBinaryOperation(Float,Float, int)  intBinaryOperation(Integer,Integer, int)  booleanBinaryOperation(Boolean,Boolean, int)  doubleBinaryOperation(Double,Double, int)  binaryOperation()  NULL  VOID  unaryOperation()  static {}  Primitive(boolean)  promotePrimitive(Object)  booleanUnaryOperation(Boolean, int)  floatUnaryOperation(Float, int)  longUnaryOperation(Long, int)  doubleUnaryOperation(Double, int)  intUnaryOperation(Integer, int)  Primitive(Double)  Primitive(Byte)  Primitive(byte)  Primitive(double)  Primitive(char)  Primitive(float)  Primitive(Float)  Primitive(Long)  Primitive(long)  Primitive(int)  Primitive(Integer)  Primitive(short)  Primitive(Short) |
| Primitive\_new\_2  [-]  [-] | getType(Object)  Primitive(Object)  intValue()  toString()  booleanValue()  numberValue()  getValue()  value  getType() |
| TokenMarker  [2] | TokenMarker\_new\_1  [-]  [-] | MAJOR\_ACTIONS  WHITESPACE  MARK\_PREVIOUS  ACTION\_HINTS  SOFT\_SPAN  NO\_WORD\_BREAK  EXCLUDE\_MATCH  SPAN  AT\_LINE\_START  MARK\_FOLLOWING  NO\_LINE\_BREAK  DELEGATE  EOL\_SPAN  isNextLineRequested()  nextLineRequested  IS\_ESCAPE  lastTokenizedLine  line  TokenMarker()  TokenMarker()  paintSyntaxLine(Buffer, int,SyntaxStyle[],TabExpander,Graphics,Color, int, int)  setLineWidth(int, int)  lineInfo  linesChanged(int, int)  insertLines(int, int)  getMaxLineWidth(int, int)  getLineCount()  length  deleteLines(int, int)  markTokens(Buffer, int)  ensureCapacity(int)  clone() |
| TokenMarker\_new\_2  [-]  [-] | pattern  addToken()  pos  lineLength  escaped  lastOffset  context  lastKeyword  markTokensImpl()  handleRule()  markKeyword()  getName()  setName(String)  name  ruleSets  addRuleSet(String,ParserRuleSet)  getRuleSet(String)  rulePfx |
| WorkThreadPool  [2] | WorkThreadPool\_new\_1  [-]  [-] | start()  threadGroup  waitForAllLock  fireProgressChanged(WorkThread)  addProgressListener(WorkThreadProgressListen  er)  removeProgressListener(WorkThreadProgressList  ener)  listenerList  WorkThreadPool(String, int)  waitForRequests()  getThreadCount()  getThread(int)  threads  start() |
| WorkThreadPool\_new\_2  [-]  [-] | awtRunnerQueued  queueAWTRunner()  ID  doAWTRequest()  awtRequestCount  firstRequest  lastRequest  lastAWTRequest  getRequestCount()  requestCount  getNextRequest()  lock  requestDone()  getNextAWTRequest()  doAWTRequests()  firstAWTRequest  addWorkRequest(Runnable, boolean) |
| Interpreter  [2] | Interpreter\_new\_1  [InterpreterTreeConstants]  [-] | Interpreter(ConsoleInterface)  Interpreter(ConsoleInterface,NameSpace)  eval(String,NameSpace)  unwrap(Object)  println(String)  Interpreter(Reader,PrintStream,PrintStream,  boolean)  source(String,NameSpace)  pathToFile(String)  debug  debug(String)  err  eval(Reader,NameSpace,String)  out  Interpreter()  evalOnly  getBshVar(String)  setBshVariable(String,Object)  bshObject  initRootSystemObject()  Interpreter(Reader,PrintStream,PrintStream,  boolean,NameSpace)  loadRCFiles()  main(String[])  source(String)  getVariable(String)  getNameSpace()  setVariable(String, float)  setVariable(String, boolean)  setVariable(String, int)  eval(Reader)  globalNameSpace  eval(String)  setVariable(String,Object)  run()  interactive  print(String)  setConsole(ConsoleInterface)  console  error(String)  in  DEBUG  MethodDeclarationTypeLookahead()  VoidLiteral()  NullLiteral()  jj\_rescan  lookingAhead  jj\_nt  ForUpdate()  jj\_input\_stream  jjtreeOpenNodeScope(Node)  jjtreeCloseNodeScope(Node)  EmptyStatement()  LabeledStatement()  AmbiguousName()  Assignment()  DoStatement()  jjtree  ThrowStatement()  WhileStatement()  PreIncrementExpression()  PreDecrementExpression()  static {}  generateParseException()  jj\_ntk()  Interpreter(Reader)  Interpreter(InputStream)  Interpreter()  jj\_consume\_token(int)  jj\_la1  jj\_gen  jj\_ntk  getNextToken()  ReInit(InputStream)  ReInit(Reader)  LHSPrimarySuffix()  Literal()  ReInit()  PrimarySuffix()  ForStatement()  PostfixExpression()  FormalParameter()  VariableDeclarator()  MethodDeclaration()  AssignmentOperator()  BooleanLiteral()  CastLookahead()  VariableInitializer()  MethodDeclarationLookahead()  ArgumentList()  ForInit()  Line()  SwitchLabel()  BlockStatement()  Expression()  StatementExpression()  SwitchStatement()  Statement()  ImportDeclaration()  ReturnType()  PrimitiveType()  ReturnStatement()  BreakStatement()  ContinueStatement()  LHSPrimaryExpression()  Arguments()  PrimaryExpression()  PrimaryPrefix()  AllocationExpression()  ArrayDimensions()  ArrayInitializer()  IfStatement()  TryStatement()  Block()  FormalParameters()  StatementExpressionList()  CastExpression()  UnaryExpressionNotPlusMinus()  UnaryExpression()  ConditionalOrExpression()  ConditionalAndExpression()  InclusiveOrExpression()  AndExpression()  EqualityExpression()  InstanceOfExpression()  RelationalExpression()  ShiftExpression()  AdditiveExpression()  MultiplicativeExpression()  ExclusiveOrExpression()  ConditionalExpression()  Type()  TypedVariableDeclaration() |
| Interpreter\_new\_2  [-]  [-] | enable\_tracing()  jj\_semLA  disable\_tracing()  token\_source  jj\_2\_rtns  jj\_gc  jj\_la1\_3  jj\_la1\_1  jj\_la1\_2  jj\_la1\_0  jj\_lasttokens  jj\_expentries  jj\_endpos  jj\_add\_error\_token(int, int)  jj\_expentry  jj\_kind  jj\_save(int, int)  jj\_la  jj\_lastpos  jj\_scanpos  jj\_scan\_token(int)  jj\_rescan\_token()  jj\_3R\_65()  jj\_3R\_55()  jj\_3R\_59()  jj\_3R\_66()  jj\_3R\_64()  jj\_3R\_60()  jj\_3R\_62()  jj\_3R\_61()  jj\_3R\_63()  jj\_3R\_53()  jj\_3R\_31()  jj\_3R\_57()  jj\_3R\_52()  jj\_3R\_54()  jj\_3R\_56()  jj\_3R\_58()  jj\_3R\_76()  jj\_3R\_75()  jj\_3R\_69()  jj\_3R\_71()  jj\_3R\_73()  jj\_3R\_70()  jj\_3R\_33()  jj\_3R\_72()  jj\_3R\_74()  jj\_3R\_167()  jj\_3R\_169()  jj\_3R\_172()  jj\_3R\_170()  jj\_3R\_174()  jj\_3R\_173()  jj\_3R\_171()  jj\_3R\_164()  jj\_3R\_168()  jj\_3R\_182()  jj\_3R\_177()  jj\_3R\_180()  jj\_3R\_179()  jj\_3R\_178()  jj\_3R\_166()  jj\_3R\_181()  jj\_3R\_163()  jj\_3R\_115()  jj\_3R\_112()  jj\_3R\_114()  jj\_3R\_113()  jj\_3R\_100()  jj\_3R\_118()  jj\_3R\_116()  jj\_3R\_117()  jj\_3R\_165()  jj\_3R\_186()  jj\_3R\_176()  jj\_3R\_185()  jj\_3R\_175()  jj\_3R\_191()  jj\_3R\_184()  jj\_3R\_192()  jj\_3R\_193()  jj\_3R\_129()  jj\_3R\_141()  jj\_3R\_142()  jj\_3R\_211()  jj\_3R\_212()  jj\_3R\_210()  jj\_3R\_208()  jj\_3R\_209()  jj\_3R\_205()  jj\_3R\_202()  jj\_3R\_203()  jj\_3R\_199()  jj\_3R\_201()  jj\_3R\_198()  jj\_3R\_200()  jj\_3R\_207()  jj\_3R\_204()  jj\_3R\_206()  jj\_3R\_47()  jj\_3R\_49()  jj\_3R\_48()  jj\_3R\_29()  jj\_3R\_130()  jj\_3R\_131()  jj\_3R\_195()  jj\_3R\_194()  jj\_3R\_187()  jj\_3R\_190()  jj\_3R\_188()  jj\_3R\_196()  jj\_3R\_189()  jj\_3R\_197()  jj\_3R\_159()  jj\_3R\_160()  jj\_3R\_155()  jj\_3R\_162()  jj\_3R\_161()  jj\_3R\_156()  jj\_3R\_151()  jj\_3R\_157()  jj\_3R\_158()  jj\_3R\_152()  jj\_3R\_145()  jj\_3R\_146()  jj\_3R\_137()  jj\_3R\_148()  jj\_3R\_147()  jj\_3R\_138()  jj\_3R\_125()  jj\_3R\_139()  jj\_3R\_140()  jj\_3R\_126()  jj\_3R\_110()  jj\_3R\_128()  jj\_3R\_127()  jj\_3R\_111()  jj\_3R\_98()  jj\_3R\_99()  jj\_3R\_81()  jj\_3R\_80()  jj\_3R\_42()  jj\_3R\_43()  jj\_3R\_26()  jj\_3R\_121()  jj\_3R\_104()  jj\_3R\_103()  jj\_3R\_105()  jj\_3R\_89()  jj\_3R\_51()  jj\_3R\_30()  jj\_3R\_85()  jj\_3R\_86()  jj\_3R\_50()  jj\_3R\_88()  jj\_3R\_102()  jj\_3R\_150()  jj\_3R\_144()  jj\_3R\_135()  jj\_3R\_120()  jj\_3R\_122()  jj\_3R\_107()  jj\_3R\_106()  jj\_3R\_108()  jj\_3R\_96()  jj\_3R\_77()  jj\_3R\_35()  jj\_3R\_87()  jj\_3R\_101()  jj\_3R\_134()  jj\_3R\_119()  jj\_3R\_133()  jj\_3R\_46()  jj\_3R\_45()  jj\_3R\_28()  jj\_3R\_154()  jj\_3R\_153()  jj\_3R\_84()  jj\_3R\_149()  jj\_3R\_143()  jj\_3R\_132()  jj\_3R\_34()  jj\_3R\_95()  jj\_3R\_91()  jj\_3R\_93()  jj\_3R\_92()  jj\_3R\_94()  jj\_3R\_136()  jj\_3R\_123()  jj\_3R\_124()  jj\_3R\_109()  jj\_3R\_83()  jj\_3R\_82()  jj\_3R\_44()  jj\_3R\_97()  jj\_3R\_78()  jj\_3R\_79()  jj\_3R\_39()  jj\_3R\_36()  jj\_3R\_37()  jj\_3R\_27()  jj\_3R\_41()  jj\_3R\_40()  jj\_3R\_38()  jj\_3R\_68()  jj\_3R\_67()  jj\_3R\_32()  jj\_3\_14()  jj\_3\_13()  jj\_3\_9()  jj\_3\_5()  jj\_3\_16()  jj\_3\_15()  jj\_3\_11()  jj\_3\_19()  jj\_3\_21()  jj\_3\_18()  jj\_3\_8()  jj\_3\_17()  jj\_3\_20()  jj\_3\_7()  jj\_3\_3()  jj\_3\_2()  jj\_3\_12()  jj\_3\_10()  jj\_3\_1()  getToken(int)  token  jj\_2\_17(int)  jj\_2\_19(int)  jj\_2\_18(int)  jj\_2\_20(int)  jj\_2\_8(int)  jj\_2\_9(int)  jj\_2\_14(int)  jj\_2\_2(int)  jj\_2\_1(int)  jj\_2\_7(int)  jj\_2\_12(int)  jj\_2\_11(int)  jj\_2\_21(int)  jj\_2\_3(int)  jj\_2\_4(int)  jj\_2\_13(int)  jj\_2\_5(int)  jj\_2\_6(int)  jj\_2\_16(int)  jj\_2\_15(int)  jj\_2\_10(int)  jj\_3\_6()  jj\_3\_4()  jj\_3R\_90()  jj\_3R\_183() |
| View  [2] | View\_new\_1  [EBComponent]  [-] | getPrev()  prev  getNext()  next  requestFocus()  toFront()  getRootPane()  createMacrosMenu(JMenu,Vector, int)  handleBufferUpdate(BufferUpdate)  setRecordingStatus(boolean)  recording  createEditPane(EditPane,Buffer)  gotoMarker  clearMarker  toolBar  loadToolBars()  toolBars  removeToolBar(Component)  addToolBar(Component)  currentDirectory  getDockableWindowManager()  dockableWindowManager  propertiesChanged()  showFullPath  updateTitle()  recent  updateRecentMenu()  updatePluginsMenu()  plugins  close()  View(Buffer)  getMenu(String)  updateHelpMenu()  help  macros  updateMacrosMenu()  handleMessage(EBMessage)  getSearchBar()  searchBar  quickHyperSearch()  quickIncrementalSearch() |
| View\_new\_2  [-]  [-] | isSynchroScrollEnabled()  synchroScrollHorizontal(JEditTextArea, int)  synchroScrollVertical(JEditTextArea, int)  synchroScroll  toggleSynchroScrollEnabled()  setSynchroScrollEnabled(boolean)  getInputHandler()  setInputHandler(InputHandler)  inputHandler  getKeyEventInterceptor()  setKeyEventInterceptor(KeyListener)  keyEventInterceptor  processKeyEvent(KeyEvent)  closed  isClosed()  getToolkit()  showWaitCursor()  hideWaitCursor()  waitCount  getSize()  show()  pack()  setSize(Dimension)  getLocation()  setLocation(Point)  updateGutterBorders()  splitHorizontally()  splitVertically()  getEditPanes(Vector,Component)  getSplitPane()  splitPane  updateMarkerMenus()  unsplit()  getEditPanes()  split(int)  getTextArea()  getBuffer()  setBuffer(Buffer)  getEditPane()  setEditPane(EditPane)  editPane  nextTextArea()  prevTextArea() |
| jEdit  [3] | jEdit\_new\_1  [-]  [-] | showActivityLog()  showIOProgressMonitorDialog()  showAboutDialog(View)  recent  showGlobalOptionsDialog(View)  jEdit()  actionPerformed(ActionEvent)  openTemporary(View,String,String, boolean,  boolean)  reloadAllBuffers(View, boolean)  closeAllBuffers(View)  sortByName  sortBuffers  updatePosition(Buffer)  closeBuffer(View,Buffer)  getBufferCount()  bufferCount  getLastBuffer()  buffersLast  \_closeBuffer(View,Buffer)  removeBufferFromList(Buffer)  closeAllBuffers(View, boolean)  getBuffers()  newFile(View)  getBuffer(String)  saveAllBuffers(View, boolean)  getFirstBuffer()  buffersFirst  addBufferToList(Buffer) |
| jEdit\_new\_2  [-]  [-] | Autosave()  timer  stop()  setInterval(int)  openFile(View,String,String, boolean, boolean)  commitTemporary(Buffer)  propertiesChanged()  saveCaret  openFile(View,String,String, boolean,  boolean,Hashtable)  openFile(View,String)  showOpenFileDialog(View)  getBooleanProperty(String)  getBooleanProperty(String, boolean) |
| jEdit\_new\_3  [-]  [-] | setBooleanProperty(String, boolean)  setDefaultProperty(String,String)  historyModTime  recentModTime  propsModTime  saveSettings()  resetProperty(String)  getModeName(Mode)  getProperty(String,String)  getProperty(String)  props  initUserProperties()  defaultProps  setProperty(String,String)  unsetProperty(String)  initSystemProperties()  loadProps(InputStream, boolean)  setTemporaryProperty(String,String)  getProperty(String,Object[])  loadMode(String)  loadModes(String)  loadModeCache(String)  getSettingsDirectory()  settingsDirectory  initModes()  createModeCache(String)  addMode(Mode)  getModes()  modes  getMode(String)  getBuild()  closeView(View)  reloadModes(View)  newView(View,Buffer)  session  server  background  getViewCount()  viewCount  getLastView()  viewsLast  closeView(View, boolean)  removeViewFromList(View)  addViewToList(View)  getViews()  viewsFirst  getFirstView()  exit(View, boolean)  getJEditHome()  jEditHome  initSiteProperties()  getActions()  getAction(String)  actionHash  getInputHandler()  inputHandler  reloadKeyBindings()  addAction(EditAction)  initMisc()  getPlugin(String)  loadActions(String,Reader)  gotoMarker(Buffer,String)  getVersion()  openFiles(String,String[])  initActions()  version()  initPLAF()  usage()  main(String[])  initPlugins()  getPlugins()  plugins  addPlugin(EditPlugin)  addPluginJAR(EditPlugin$JAR)  jars  getPluginJAR(String)  getPluginJARs()  getPluginJAR(int)  loadPlugins(String) |
| Buffer  [2] | Buffer\_new\_1  [EBComponent]  [-] | IO  NEW\_FILE  showBufferOptionsDialog(View)  TEMPORARY  SELECTION\_RECT  LOADING  tokenizeLines()  savedSelEnd  SYNTAX  SELECTION\_START  AUTOSAVE\_DIRTY  SCROLL\_VERT  LINESEP  SELECTION\_END  savedSelStart  SCROLL\_HORIZ  UNDO\_IN\_PROGRESS  CLOSED  READ\_ONLY  UNTITLED  OVERWRITE  addDocumentListener(DocumentListener)  removeDocumentListener(DocumentListener)  removeTrailingWhiteSpace(int, int)  handleMessage(EBMessage)  putProperty(Object,Object)  putBooleanProperty(String, boolean)  isTemporary()  commitTemporary()  getText(int, int,Segment)  getDefaultRootElement()  getLength()  shiftIndentLeft(int, int)  shiftIndentRight(int, int)  isEditable()  remove(int, int)  getProperty(Object)  insertString(int,String,AttributeSet)  getIndentSize()  getTabSize()  indentLine(int, boolean, boolean)  clearProperties()  propertiesChanged()  getMode()  setMode()  mode  setMode(Mode)  getName()  name  reload(View)  compoundEditCount  compoundEdit  compoundEditNonEmpty  beginCompoundEdit()  addUndoableEdit(UndoableEdit)  undo  setDirty(boolean)  DIRTY  redo()  undo()  saveUndo  endCompoundEdit()  getBooleanProperty(String)  getText(int, int) |
| Buffer\_new\_2  [-]  [-] | getPrev()  prev  getIndex()  getNext()  next  isUntitled()  getTokenMarker()  setTokenMarker(TokenMarker)  tokenMarker  fireRemoveUpdate(DocumentEvent)  tokenizeLines(int, int)  fireInsertUpdate(DocumentEvent)  print(View)  setNewFile(boolean)  setReadOnly(boolean)  flags  getFlag(int)  setFlag(int, boolean)  isLoaded()  isReadOnly()  getIcon()  isSaving()  readUnlock()  readLock()  parseBufferLocalProperty(String)  Buffer(View,String, boolean, boolean,  boolean,Hashtable)  addMarker(String, int, int)  removeAllMarkers()  removeMarker(String)  parseBufferLocalProperties()  getMarkers()  markers  getMarker(String)  getMarkerCount()  getDocumentProperties()  save(View,String)  isClosed()  isNewFile()  isDirty()  showInsertFileDialog(View)  isPerformingIO()  setLastModified(long)  modTime  getLastModified()  recoverAutosave(View)  getAutosaveFile()  autosaveFile  autosave()  close()  getVFS()  vfs  getFile()  file  load(View, boolean)  checkModTime(View)  toString()  getPath()  setPath(String)  path  saveAs(View, boolean)  insert(View,String)  save(View,String, boolean) |
| InterpreterTokenManager  [2] | InterpreterTokenManager\_new\_1  [InterpreterConstants]  [-] | InterpreterTokenManager(ASCII\_UCodeESC\_Char  Stream, int)  ReInit(ASCII\_UCodeESC\_CharStream, int)  curLexState  SwitchTo(int)  defaultLexState  jjCheckNAddTwoStates(int, int)  static {}  jjbitVec1  jjbitVec0  jjCanMove\_0(int, int, int, long, long)  jjCanMove\_1(int, int, int, long, long)  jjrounds  jjround  ReInitRounds()  jjnewStateCnt  jjstateSet  jjCheckNAdd(int)  jjAddStates(int, int)  jjCheckNAddStates(int, int)  jjCheckNAddStates(int)  jjnextStates |
| InterpreterTokenManager\_new\_2  [-]  [-] | jjtoToken  jjtoSpecial  jjtoSkip  lexStateNames  jjbitVec8  jjbitVec6  jjbitVec7  jjbitVec4  jjbitVec5  jjbitVec3  jjCanMove\_2(int, int, int, long, long)  jjstrLiteralImages  jjStartNfa\_0(int, long, long)  jjFillToken()  InterpreterTokenManager(ASCII\_UCodeESC\_Char  Stream)  input\_stream  curChar  jjMoveStringLiteralDfa27\_0(long, long)  jjMoveStringLiteralDfa26\_0(long, long)  jjMoveStringLiteralDfa25\_0(long, long)  jjMoveStringLiteralDfa24\_0(long, long)  jjMoveStringLiteralDfa23\_0(long, long)  jjMoveStringLiteralDfa22\_0(long, long)  jjMoveStringLiteralDfa13\_0(long, long)  jjMoveStringLiteralDfa14\_0(long, long)  jjMoveStringLiteralDfa15\_0(long, long)  jjMoveStringLiteralDfa16\_0(long, long)  jjMoveStringLiteralDfa7\_0(long, long, long, long)  jjMoveStringLiteralDfa6\_0(long, long, long, long)  jjMoveStringLiteralDfa8\_0(long, long, long, long)  jjMoveStringLiteralDfa17\_0(long, long)  jjMoveStringLiteralDfa18\_0(long, long)  jjMoveStringLiteralDfa19\_0(long, long)  jjMoveStringLiteralDfa21\_0(long, long)  jjMoveStringLiteralDfa9\_0(long, long, long, long)  jjMoveStringLiteralDfa12\_0(long, long)  jjMoveStringLiteralDfa5\_0(long, long, long, long)  ReInit(ASCII\_UCodeESC\_CharStream)  jjmatchedPos  getNextToken()  jjMoveNfa\_0(int, int)  jjMoveStringLiteralDfa0\_0()  jjMoveStringLiteralDfa20\_0(long, long)  jjMoveStringLiteralDfa11\_0(long, long)  jjMoveStringLiteralDfa10\_0(long, long, long, long)  jjMoveStringLiteralDfa1\_0(long, long)  jjMoveStringLiteralDfa2\_0(long, long, long, long)  jjMoveStringLiteralDfa4\_0(long, long, long, long)  jjStopAtPos(int, int)  jjStopStringLiteralDfa\_0(int, long, long)  jjmatchedKind  jjStartNfaWithStates\_0(int, int, int)  jjMoveStringLiteralDfa3\_0(long, long, long, long) |
| Mode  [2] | Mode\_new\_1  [-]  [-] | toString()  getBooleanProperty(String)  accept(Buffer,String,String)  filenameRE  init()  getName()  name  getProperty(String)  Mode(String)  setProperty(String,Object)  props  firstlineRE |
| Mode\_new\_2  [-]  [-] | createTokenMarker()  marker  getTokenMarker()  loadIfNecessary()  setTokenMarker(TokenMarker) |
| EditPane  [2] | EditPane\_new\_1  [EBComponent]  [-] | getMinimumSize()  getSelectedItem()  setSelectedItem(Object)  getToolkit()  getParent()  getSize()  handleMessage(EBMessage)  initTextArea(JEditTextArea)  getTextArea()  textArea  loadStyles()  focusOnTextArea()  loadCaretInfo()  saveCaretInfo()  getBuffer()  setBuffer(Buffer)  buffer  prevBuffer()  nextBuffer() |
| EditPane\_new\_2  [-]  [-] | recentBuffer  recentBuffer()  loadBufferSwitcher()  bufferSwitcher  caretStatus  init  getView()  view  EditPane(View)  markerHighlight  propertiesChanged()  handleBufferUpdate(BufferUpdate) |
| GUIUtilities  [3] | GUIUtilities\_new\_1  [-]  [-] | prettifyMenuLabel(String)  saveGeometry(Window,String)  GUIUtilities()  getColorHexString(Color)  getStyleString(SyntaxStyle)  showVFSFileDialog(View,String, int, boolean)  getSelectedFiles()  filename  isOK  filenameField  ok  cancel  requestFocus(Window,Component)  loadMenu(String)  loadMenuItem(View,String)  loadMenuItem(String)  loadToolButton(String)  loadGeometry(Window,String)  loadToolBar(String)  loadMenu(View,String)  loadMenuBar(View,String)  getEditorIcon()  EDITOR\_WINDOW\_ICON  PLUGIN\_WINDOW\_ICON  getPluginIcon()  NORMAL\_BUFFER\_ICON  DIRTY\_BUFFER\_ICON  READ\_ONLY\_BUFFER\_ICON  NEW\_BUFFER\_ICON  static {}  loadMenuBarModel(String)  menus  invalidateMenuModels()  loadMenuItemModel(String)  loadMenuModel(String)  loadToolBarModel(String)  loadIcon(String)  icons  loadToolBarIcon(String) |
| GUIUtilities\_new\_2  [-]  [-] | showFileDialog(View,String, int)  error(Component,String,Object[])  input(Component,String,Object)  input(Component,String,String[],Object)  message(Component,String,Object[])  splash  advanceSplashProgress()  showSplashScreen()  hideSplashScreen()  inputProperty(Component,String,String[],String)  inputProperty(Component,String,String) |
| GUIUtilities\_new\_3  [-]  [-] | loadPopupMenu(String)  parseColor(String)  parseColor(String,Color)  parseStyle(String) |
| Macros  [2] | Macros\_new\_1  [-]  [-] | static {}  input(View,String)  message(View,String)  error(View,String)  Macros()  stopRecording(View)  setMacroRecorder(Macros$Recorder)  recorder  getMacroRecorder()  userMacroPath  getMacroHierarchy()  macroHierarchy  loadMacros()  getMacroList()  macroList  loadMacros(Vector,String,File)  macroHash  getMacro(String)  systemMacroPath |
| Macros\_new\_2  [-]  [-] | recordTemporaryMacro(View)  recordMacro(View)  recordMacro(View,Buffer, boolean)  runLastMacro(View)  runTemporaryMacro(View)  lastMacro |
| VFSBrowser  [3] | VFSBrowser\_new\_1  [DockableWindow]  [-] | getComponent()  handleMessage(EBMessage)  getName()  NAME  getBrowserView()  browserView  getSelectedFiles() |
| VFSBrowser\_new\_2  [-]  [-] | startRequest()  endRequest()  requestRunning  delete(String)  rename(String) |
| VFSBrowser\_new\_3  [-]  [-] | loadDirectory(String)  getShowHiddenFiles()  setShowHiddenFiles(boolean)  showHiddenFiles  doubleClickClose  sortIgnoreCase  sortFiles  sortMixFilesAndDirs  pathField  propertiesChanged()  getFilenameFilter()  setFilenameFilter(RE)  filenameFilter  reloadDirectory()  setDirectory(String)  getDirectory()  path  mkdir()  OPEN\_DIALOG  BROWSER  addNotify()  SAVE\_DIALOG  getToolkit()  directoryLoaded(VFS$DirectoryEntry[])  createToolButton(String)  createToolBar()  reload  roots  synchronize  home  up  VFSBrowser(View,String)  handleBufferUpdate(BufferUpdate)  multipleSelection  isMultipleSelectionEnabled()  filterField  filterCheckbox  updateFilterEnabled()  removeNotify()  getMode()  mode  getView()  view  handleViewUpdate(ViewUpdate)  VFSBrowser(View,String, int, boolean)  filesSelected()  filesActivated()  listenerList  removeBrowserListener(BrowserListener)  addBrowserListener(BrowserListener) |
| HistoryTextField  [2] | HistoryTextField\_new\_1  [-]  [-] | getSelectionStart()  getHeight()  setEnabled(boolean)  getText()  requestFocus()  fireActionPerformed()  popup  current  enterAddsToHistory  processKeyEvent(KeyEvent)  showPopupMenu(String, int, int)  historyModel  HistoryTextField(String, boolean, boolean)  historyPrevious()  historyNext()  setModel(String)  setText(String)  index  addCurrentToHistory()  doBackwardSearch()  doForwardSearch()  getModel()  instantPopups |
| HistoryTextField\_new\_2  [-]  [-] | addActionListener(ActionListener)  HistoryTextField(String, boolean)  getPreferredSize()  setPreferredSize(Dimension)  HistoryTextField(String)  setMaximumSize(Dimension)  addKeyListener(KeyListener)  getDocument()  setFont(Font)  getMinimumSize() |
| MiscUtilities  [2] | MiscUtilities\_new\_1  [-]  [-] | globToRE(String)  fileToClass(String)  escapesToChars(String)  classToFile(String)  getTrailingWhiteSpace(String)  buildToVersion(String)  compareVersions(String,String)  getLeadingWhiteSpaceWidth(String, int)  createWhiteSpace(int, int)  getLeadingWhiteSpace(String)  MiscUtilities()  charsToEscapes(String)  charsToEscapes(String, boolean)  concatPath(String,String)  constructPath(String,String,String)  quicksort(Object[])  quicksort(Object[], int, int)  constructPath(String,String)  canonPath(String)  getFileProtocol(String)  isURL(String)  getProtocolOfURL(String)  quicksort(Vector)  quicksort(Vector, int, int)  backup(Buffer,File) |
| MiscUtilities\_new\_2  [-]  [-] | getParentOfPath(String)  getFileParent(String)  getFileExtension(String)  getFileName(String) |
| RE  [3] | RE\_new\_1  [REToken]  [-] | REG\_DOT\_NEWLINE  REG\_MULTILINE  firstToken  getMatchEnumeration(Object)  getMatchEnumeration(Object, int, int)  getMatchEnumeration(Object, int)  REG\_ANCHORINDEX  toString()  version()  REG\_NOTEOL  s\_version  REG\_ICASE  REG\_NOTBOL  substituteAll(Object,String, int)  substitute(Object,String)  substitute(Object,String, int)  substituteAll(Object,String)  getAllMatches(Object, int)  getAllMatches(Object)  getPosixSet(char[], int,StringBuffer)  getCharUnit(char[], int,CharUnit)  getMinMax(char[], int,IntPair)  getAllMatches(Object, int, int)  substitute(Object,String, int, int)  substituteAll(Object,String, int, int)  getMatchImpl(CharIndexed, int, int,StringBuffer)  m\_numSubs  getNumSubs()  substituteAllImpl(CharIndexed,String, int, int)  substituteImpl(CharIndexed,String, int, int)  getAllMatchesImpl(CharIndexed, int, int)  makeCharIndexed(Object, int)  m\_subIndex  lastToken  setRepeated()  match(CharIndexed, int, int)  dump(StringBuffer)  addToken()  setUncle()  RE(Object, int)  isMatchImpl(CharIndexed, int, int)  RE()  getMinimumLength()  chain() |
| RE\_new\_2  [-]  [-] | getMatch(Object, int)  getMatch(Object, int, int,StringBuffer)  getMatch(Object, int, int)  getMatch(Object) |
| RE\_new\_3  [-]  [-] | RE(Object, int)  RE(Object)  RE(Object, int)  isMatch(Object)  isMatch(Object, int)  isMatch(Object, int, int) |