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| **Non-Inheritance Extract Class Refactoring Suggestions** | | |
| Original Class  [*N*split] | Extract Class | |
| New Class  [Superclass]  [Subclass] | Methods/Fields |
| DisplayControl  [3] | DisplayControl\_new\_1  [-]  [-] | getShowBoundingBox()  getShowAxes()  getModeAxes()  getAxes()  getBoundingBox()  getColorAxes()  getColorAxesText()  recalcAxes()  axesManager  NOLABELS  MB\_WIREFRAME  logError(String)  DEFORM  ATOMCHARGE  MB\_NEVER  MB\_SMALL  SYMBOLS  COLOR  AXES\_BBOX  ROTATE  ATOMTYPE  AXES\_UNIT  makeMenuItem(String)  AXES\_NONE  NUMBERS  ZOOM  getChemModel()  ROTATE\_Z  PROP\_CHEM\_FRAME  QUICKDRAW  MEASURE  XLATE  NONE  INVISIBLE  SLAB\_PLANE  getChemFile()  DELETE  marMultipleBondSmallMaximum  BOX  SHADING  MB\_ALWAYS  PROP\_CHEM\_FILE  WIREFRAME  setMeasureWatcher(MeasureWatcher)  measureWatcher  measureSelection(int)  POPUP\_MENU  TYPES  PICK  showChemModel(ChemModel)  setChemFile(String,String,ChemFile)  showChemFile(ChemFile)  iterNull  DisplayControl(String,Component)  iterBond()  iterAtom()  getBondTolerance()  getMinBondDistance()  getAutoBond()  getBondFudge()  getFrame()  setBondTolerance(double)  setMinBondDistance(double)  setAutoBond(boolean)  setCenterAsSelected()  setCenter(Point3d)  getBoundingBoxCenter()  getBoundingBoxCorner()  getRotationRadius()  getRotationCenter()  setBondFudge(double)  getFrames()  removePropertyChangeListener(PropertyChangeLi  stener)  removePropertyChangeListener(String,PropertyCh  angeListener)  findAtomsInRectangle(Rectangle)  getChemFileIterator()  getCurrentFrameAtoms()  getModelName()  getChemFrameIterator(BitSet)  findNearestAtomIndex(int, int)  haveFile()  getJmolChemFile()  numberOfAtoms()  getNumberOfFrames()  modelManager  addPropertyChangeListener(String,PropertyChang  eListener)  addPropertyChangeListener(PropertyChangeListe  ner)  clear()  setFrame(int)  setFrame(ChemFrame)  rebond()  setShowBoundingBox(boolean)  setModeAxes(byte)  setStructuralChange()  structuralChange  resetStructuralChange()  hasStructuralChange()  deleteAtom(int)  setChemFile(ChemFile)  render(Graphics,Rectangle)  evalFile(String)  getEval()  eval  haltScriptExecution()  evalString(String)  notifyFileNotLoaded(String,String)  notifyFileLoaded(String,String,String,Object)  setJmolStatusListener(JmolStatusListener)  jmolStatusListener  scriptEcho(String)  popupMenu(MouseEvent)  scriptStatus(String)  manageScriptTermination()  getCurrentFrameNumber() |
| DisplayControl\_new\_2  [-]  [-] | toRadians(int)  rotateByX(int)  rotateByZ(int)  rotateByY(int)  rotateToX(int)  rotateToZ(int)  rotateToY(int)  translateByZPercent(int)  translateByYPercent(int)  getPerspectiveDepth()  getSlabValue()  getSlabEnabled()  getCameraDepth()  getModeSlab()  getCameraZ()  getZoomPercent()  getSlabPercentSetting()  getZoomPercentSetting()  setPerspectiveDepth(boolean)  calcViewTransformMatrix()  homePosition()  rotateToZ(double)  rotateToX(double)  rotateToY(double)  translateToZPercent(int)  translateToXPercent(int)  translateToYPercent(int)  getTranslationYPercent()  getTranslationZPercent()  rotateByY(double)  rotateByX(double)  zoomToPercent(int)  setZoomEnabled(boolean)  slabToPercent(int)  setSlabEnabled(boolean)  rotate(AxisAngle4d)  scaleFitToScreen()  setScreenDimension(Dimension)  scaleToScreen(int, int)  transformPoint(Point3d)  rotateXYBy(int, int)  translateXYBy(int, int)  slabBy(int)  rotateZBy(int)  slabByPercent(int)  setModeSlab(int)  zoomByPercent(int)  zoomBy(int)  rotateFront()  scaleToScreen(int, double)  transformPoint(Point3d,Point3d)  transformManager  getPovRotateMatrix()  getPovTranslateMatrix()  getBoundingBoxCenterX()  getBoundingBoxCenterY()  getScreenDimension()  setCameraDepth(double)  rotateByZ(double)  getTranslationXPercent()  translateByXPercent(int) |
| DisplayControl\_new\_3  [-]  [-] | getDistanceMeasurements()  getAngleMeasurements()  getDihedralMeasurements()  clearMeasurements()  defineMeasure(int[])  defineMeasure(int, int)  measurementManager  defineMeasure(int, int, int)  defineMeasure(int, int, int, int)  jvm12orGreater  getAwtComponent()  awtComponent  getRasmolHydrogenSetting()  setRasmolHydrogenSetting(boolean)  rasmolHydrogenSetting  getRasmolHeteroSetting()  setRasmolHeteroSetting(boolean)  rasmolHeteroSetting  jvm14orGreater  strJvmVersion  getModeMouse()  setModeMouse(int)  mouseManager  getRubberBandSelection()  bondRenderer  atomRenderer  setGraphicsContext(Graphics,Rectangle)  renderStringOutside(String,Color, int, int, int)  labelRenderer  renderStringOffset(String,Color, int, int, int, int,  int)  frameRenderer  measureRenderer  openFile(File)  getInputStreamFromName(String)  openStringInline(String)  setAppletContext(URL,URL,String)  fileManager  getURLFromName(String)  openFile(String)  transparentGrey()  transparentRed()  transparentBlue()  transparentGreen()  imageCache  flushCachedImages()  getColorBackground()  getColorRubberband()  getModeAtomColorProfile()  getColorVector()  getColorDihedral()  getColorDistance()  getColorAngle()  getColorOutline()  getColorLabel()  getShowDarkerOutline()  getColorBond()  getColorAtom(Atom)  getColorSelection()  getColorTransparent(Color)  getColorAtomOutline(byte,Color)  setColorBackground(String)  setColorAngle(Color)  setColorDihedral(Color)  setColorDistance(Color)  getDarker(Color)  getColorFromString(String)  setModeTransparentColors(boolean)  getColorAtom(byte,Atom)  colorManager  setColorLabel(Color)  setColorVector(Color)  setShowDarkerOutline(boolean)  setColorSelection(Color)  setColorOutline(Color)  setColorBackground(Color)  getSelectionSet()  invertSelection()  toggleSelection(int)  addSelection(int)  addSelection(BitSet)  selectionManager  clearSelection()  selectAll()  excludeSelectionSet(BitSet)  setSelectionSet(BitSet)  isSelected(int)  getBooleanProperty(String)  getBondSelectionModeOr()  setBondSelectionModeOr(boolean)  bondSelectionModeOr  getSelectionHaloEnabled()  setSelectionHaloEnabled(boolean)  selectionHaloEnabled  java12  hasSelectionHalo(Atom, int)  hasSelectionHalo(Atom)  getWantsGraphics2D()  getWantsAntialiasAlways()  getWantsAntialias()  getInMotion()  getFastRendering()  setWantsAntialias(boolean)  setWantsAntialiasAlways(boolean)  setWantsGraphics2D(boolean)  setInMotion(boolean)  requestRepaintAndWait()  refresh()  popHoldRepaint()  pushHoldRepaint()  notifyRepainted()  setFastRendering(boolean)  repaintManager  getUseGraphics2D()  defaultStroke(Graphics)  maybeDottedStroke(Graphics)  maybeEnableAntialiasing(Graphics)  takeSnapshot()  getStyleLabel()  getLabelAtom(Atom)  getFontOfSize(int)  getLabelFont(int)  setLabelFontSize(int)  getLabelAtom(String,Atom)  getLabelAtom(byte,Atom)  labelManager  getDebugShowAxis()  setShowAxes(boolean)  getShowMeasurementLabels()  getShowMultipleBonds()  getModeMultipleBond()  getPropertyStyleString()  getShowAtoms()  getShowBonds()  getShowHydrogens()  getShowVectors()  getShowMeasurements()  getWireframeRotation()  getMarAtom()  getPercentVdwAtom()  getMarBond()  getStyleAtom()  getStyleBond()  getArrowLengthScale()  getArrowHeadRadius()  getArrowHeadSize()  getArrowHeadSize10()  getMeasureFont(int)  setShowAtoms(boolean)  setShowMeasurementLabels(boolean)  setModeMultipleBond(byte)  setShowBonds(boolean)  setShowMultipleBonds(boolean)  styleManager  setShowVectors(boolean)  setShowHydrogens(boolean)  setWireframeRotation(boolean)  setPropertyStyleString(String)  setArrowHeadRadius(double)  setArrowLengthScale(double)  setModeAtomColorProfile(byte)  setColorBond(Color)  setStyleLabel(byte)  setMarBond(short)  setPercentVdwAtom(int)  setStyleAtom(byte)  setStyleBond(byte)  setColorAtomScript(byte,Color)  distributor  setStyleMarBondScript(byte, short)  setStyleBondScript(byte)  setLabelScript(String)  setStyleMarAtomScript(byte, short)  setStyleAtomScript(byte)  setColorBondScript(Color)  setArrowHeadSize(double)  setShowMeasurements(boolean) |
| Compiler  [2] | Compiler\_new\_1  [-]  [-] | strToken  logMessages  addTokenToPostfix(Token)  ltokenPostfix  Compiler()  loadFormats  integerExpected()  comparisonOperatorExpected()  identifierOrResidueSpecificationExpected()  badRGBColor()  invalidAtomSpecification()  invalidChainSpecification()  resnoSpecificationExpected()  integerExpectedAfterHyphen()  clauseNot()  clauseAnd()  leftParenthesisExpected()  numberExpected()  commaExpected()  residueSpecificationExpected()  endOfExpressionExpected()  badArgumentCount()  clauseOr()  rightParenthesisExpected()  unrecognizedExpressionToken()  clauseWildcard()  itokenInfix  atokenInfix  compileExpression(int)  tokenNext()  clauseResSpec()  tokPeek()  processIdentifier(Token)  clauseAtomSpec()  clauseChain()  clauseResNo()  clauseWithin()  clausePrimitive()  clauseInteger()  compileRGB(Token[], int,Token[])  atokenCommand  compileCommand(Vector)  compileColorParam()  compileExpression()  clauseComparator()  clauseResName() |
| Compiler\_new\_2  [-]  [-] | invalidResidueNameSpecification(String)  getErrorMessage()  errorMessage  compileError(String)  errorLine  filename  getLineIndices()  lineIndices  getLineNumbers()  lineNumbers  getAatokenCompiled()  aatokenCompiled  error  lineCurrent  compile(String,String)  commandExpected()  cannotShow(String)  unrecognizedToken()  cannotSet(String)  cchScript  script  ichToken  cchToken  compile0()  lookingAtLoadFormat()  lookingAtSpecialString()  lookingAtLookupToken()  lookingAtPositiveInteger()  lookingAtLeadingWhitespace()  lookingAtPositiveDecimal()  lookingAtString()  lookingAtEndOfStatement()  lookingAtNegativeInteger()  lookingAtEndOfLine()  lookingAtComment()  invalidExpressionToken(String)  ichCurrentCommand |
| Vibrate  [2] | Vibrate\_new\_1  [-]  [-] | sleepiness  saveChooser  progressSlider  control  setFrame(int, boolean)  inputFile  currentFrame  setVisible(boolean)  propertyChange(PropertyChangeEvent)  vibFile  vibThread  stop()  playing  start()  run()  actionPerformed(ActionEvent)  getPreferredSize()  setSize(Dimension)  speedScale  setLocation(int, int)  centerDialog()  getSize()  getToolkit()  pack()  getContentPane()  Vibrate(DisplayControl,JFrame)  disableConflictingActions()  restoreConflictingActions()  conflictingActions  addConflictingAction(Action)  actionStates  addWindowListener(WindowListener)  inputFrameNumber  vibCombo  frameCombo  frameIds  isVisible()  hasVibrations  getAction(String)  getActions()  vibrateAction  setChemFile(ChemFile)  vibrationNumber |
| Vibrate\_new\_2  [-]  [-] | getNumberFrames()  setNumberFrames(int)  numberFrames  getVectorScale()  setVectorScale(double)  vectorScale  getAmplitudeScale()  setAmplitudeScale(double)  amplitudeScale  static {}  createVibration() |
| DisplayPanel  [2] | DisplayPanel\_new\_1  [-]  [-] | componentHidden(ComponentEvent)  X\_AXIS  getWidth()  getHeight()  Y\_AXIS  Z\_AXIS  componentMoved(ComponentEvent)  addComponentListener(ComponentListener)  start()  setMeasure(Measure)  measure  firePickedMeasure(int)  getMenuListener()  menuListener  getSize()  setDoubleBuffered(boolean)  xlateAction  numbersAction  rotateAction  homeAction  aquickdrawAction  wireframerotationAction  boundboxAction  hydrogensAction  actypeAction  deleteAction  anoneAction  bwireframeAction  leftAction  bboxAction  typesAction  perspectiveAction  bondsAction  pickAction  zoomAction  defineCenterAction  awireframeAction  axesAction  bottomAction  topAction  ainvisibleAction  bnoneAction  deselectallAction  ashadingAction  vectorsAction  bshadingAction  symbolsAction  atomsAction  plainAction  rightAction  DisplayPanel(StatusBar,GuiMap)  getActions()  bquickdrawAction  frontAction  selectallAction  acchargeAction  measurementsAction |
| DisplayPanel\_new\_2  [-]  [-] | fmt(int)  displaySpeed  status  run  showMemoryUsage()  static {}  timeLast  timeCount  timeTotal  showTimes()  resetTimes()  recordTime(int)  componentShown(ComponentEvent)  componentResized(ComponentEvent)  guimap  showPaintTime  createImage(int, int)  rectClip  timeBegin  wereInMotion  inMotion  stopPaintClock()  g2ScreenBuf  biScreenBuf  allocScreenBuf(Dimension)  takeSnapshot()  dimCurrent  paint(Graphics)  startPaintClock()  setDisplayMenuState()  updateSize()  setDisplayControl(DisplayControl)  getDisplayControl()  control  setRotateMode()  propertyChange(PropertyChangeEvent)  rotate(int, double)  getFrame() |
| Atom  [3] | Atom\_new\_1  [-]  [-] | setY3D(double)  setZ3D(double)  setX3D(double)  getProteinProp()  pprop  setProteinProp(ProteinProp)  getAtomNumber()  setAtomNumber(int)  atomNumber  isHydrogen()  getCovalentRadius()  baseAtomType  control  Atom(DisplayControl)  bondOrders  clearBondedAtoms()  deleteBondedAtom()  getBondOrder()  addBondedAtom()  delete()  isBondedAtom()  getBondedAtoms()  bondedAtoms  getBondedAtom(int)  getBondedCount()  Atom(DisplayControl,Atom)  getScreenZ()  getScreenY()  getScreenX()  getAtomShape()  atomShape  getScreenRadius()  getScreenDiameter() |
| Atom\_new\_2  [-]  [-] | getAtomicNumber()  getAtomTypeName()  getSymbol()  toString()  setAtomicNumber(int)  setAtomTypeName(String)  setSymbol(String)  setVanderwaalsRadius(double)  setExactMass(double)  setBondOrderSum(double)  setProperty(Object,Object)  setCovalentRadius(double)  setMaxBondOrder(double) |
| Atom\_new\_3  [-]  [-] | getProperty(String)  addProperty(PhysicalProperty)  setProperties(Vector)  properties  getAtomicProperties()  hasProperty(String)  getDimValue(int)  getVanderwaalsRadius()  getPoint3D()  getCharge()  zeroPoint  static {}  getVectorMagnitude()  getVector()  setVector(Point3d)  vector  getScaledVector()  hasVector() |
| Eval  [3] | Eval\_new\_1  [-]  [-] | scriptLevelMax  logMessages  colorExpected()  numberExpected()  invalidArgument()  unrecognizedSetParameter()  setspecialShouldNotBeHere()  loadScript(String,String)  run()  Eval(DisplayControl)  getResidueSet(int, int)  getSpecAtom(String)  getSpecNumber(int)  getSpecChain(char)  getResidueSet(int)  getSpecName(String)  notSet(BitSet)  getResidueWildcard(String)  getResidueSet(String)  getHydrogenSet()  getHeteroSet()  loadScriptFileInternal(String)  isWithin(double,Point3d,BitSet)  animatePlay(boolean)  setShowSelections()  setPerspectivedepth()  setWireframerotation()  setMonitor()  setBoundbox()  setBonds()  setHydrogen()  setDisplay()  setShowMeasurements()  setHetero()  setShowVectors()  setShowHydrogens()  control  refresh()  zap()  reset()  restrict()  background()  predefine(Token[])  unrecognizedCommand(Token)  withinInstruction(Token,BitSet,BitSet)  clearDefinitionsAndLoadPredefined()  statement  notImplemented(int)  define()  select()  center()  label()  script()  instructionDispatchLoop()  getSetBoolean()  setBondmode()  setAxes()  colorAtom(int)  getColorParam(int)  getColorOrNoneParam(int)  color()  move()  setFontsize()  translate()  rotate()  zoom()  slab()  load()  echo()  animate()  delay()  wireframe()  spacefill()  comparatorInstruction(Token,BitSet)  expression(Token[], int)  monitor()  set()  notImplemented(Token)  lookupValue(String, boolean)  variables  copyBitSet(BitSet)  undefinedVariable()  unrecognizedExpression() |
| Eval\_new\_2  [-]  [-] | booleanOrPercentExpected()  unrecognizedSubcommand()  numberOutOfRange()  axisExpected()  badAtomNumber()  badArgumentCount()  booleanExpected()  integerExpected()  booleanOrNumberExpected()  IOError(String)  FileNotFound(String)  compiler  loadScriptString(String)  loadScriptFile(String)  filenameExpected()  errorLoadingScript(String)  timeEndExecution  timeBeginExecution  getExecutionWalltime()  interruptExecution  start()  isActive()  myThread  clearMyThread()  haltExecution()  resetTerminationNotification()  hasTerminationNotification()  terminationNotification  stack  scriptLevel  lineIndices  script  aatoken  linenumbers  toString()  pc  getLinenumber()  filename  evalError(String)  pushContext()  popContext()  getLine()  clearState()  getErrorMessage()  errorMessage  error  hadRuntimeError()  LoadError(String) |
| Eval\_new\_3  [-]  [-] | getAtomID(Atom)  getResno(Atom)  getResID(Atom)  getTemperature(Atom) |
| UnitCellBox  [2] | UnitCellBox\_new\_1  [-]  [-] | mulVec(Matrix3d,Point3d)  setAtomType(int[])  atomType  getBaseAtomType(int)  cartToRed(double[][], double[][])  spgroup  getInfo()  setInfo(String)  info  isPrimVectorsCartesian()  isPrimVectorsCart  getAngles()  angles  setPrimVectorsCrystallo(double[], double[])  UnitCellBox(double[][], double[],ChemFrame)  UnitCellBox(double[][], double[], boolean, int[],  double[][])  UnitCellBox(double[], double[], boolean, int[],  double[][])  UnitCellBox()  getRprim()  rprim  getAcell()  acell  getEdges()  edges  getRprimd()  setPrimVectorsCartesian(double[][], double[]) |
| UnitCellBox\_new\_2  [-]  [-] | matrix3dToArray(Matrix3d)  arrayToMatrix3d(double[][])  mulVec(double[][], double[])  redToCart(double[][], double[][])  setReducedPos(double[][])  getReducedPos()  getAtomCount()  getCartesianPos()  atomPos  setCartesianPos(double[][]) |
| ModelManager  [2] | ModelManager\_new\_1  [-]  [-] | getModelName()  control  getChemFrameIterator(BitSet, boolean)  findNearestAtomIndex(int, int)  getCurrentFrameAtoms()  setRotationCenter(Point3d)  findAtomsInRectangle(Rectangle)  deleteAtom(int)  rebond()  numberOfAtoms()  chemframe  getChemFrameIterator(BitSet)  getBoundingBoxCorner()  getBoundingBoxCenter()  haveFile()  haveFile  setCenterAsSelected()  setAutoBond(boolean)  autoBond  setBondTolerance(double)  bondTolerance  setBondFudge(double)  bondFudge  setMinBondDistance(double)  minBondDistance  setFrame(ChemFrame)  pcs  addPropertyChangeListener(String,PropertyChang  eListener)  removePropertyChangeListener(String,PropertyCh  angeListener)  removePropertyChangeListener(PropertyChangeLi  stener)  addPropertyChangeListener(PropertyChangeListe  ner)  ModelManager(DisplayControl) |
| ModelManager\_new\_2  [-]  [-] | getCurrentFrameNumber()  currentFrameNumber  getNumberOfFrames()  nframes  setFrame(int)  getChemFile()  setChemFile(ChemFile)  chemfile  getChemFileIterator()  getRotationCenter()  getRotationRadius()  getFrames() |
| BaseAtomType  [2] | BaseAtomType\_new\_1  [-]  [-] | getValueAt(int, int)  setValueAt(Object, int, int)  getBondOrderSum()  getMaxBondOrder()  setSymbol(String)  setVanderwaalsRadius(double)  setCovalentRadius(double)  setExactMass(double)  getAtomTypeName()  getSymbol()  getVanderwaalsRadius()  getCovalentRadius()  getID()  getAtomicNumber()  setAtomicNumber(int)  atomicNumber  hashCode  equals(Object)  hashCode()  BaseAtomType(String,String)  get(AtomType)  getColor()  setColor(Color)  color  toString()  getExactMass() |
| BaseAtomType\_new\_2  [-]  [-] | set(String, int, double, double, double)  get(String,String, int, double, double, double)  get(int)  static {}  get(String,String)  exists(String)  typePool |
| Jmol  [2] | Jmol\_new\_1  [-]  [-] | exportActionProperty  pdfActionProperty  revalidate()  newAction  labelSuffix  saveasAction  aboutAction  recentFilesAction  openFileProperty  whatsnewAction  scriptAction  newwinAction  checkSuffix  printActionProperty  mnemonicSuffix  imageSuffix  exitAction  selectedSuffix  openAction  vibAction  radioSuffix  actionSuffix  tipSuffix  openurlAction  popupSuffix  atompropsAction  closeAction  currentFile  uguideAction  licenseAction  povrayActionProperty  print(Graphics)  newJMenu(String)  newJCheckBoxMenuItem(String, boolean)  newJRadioButtonMenuItem(String)  newJMenuItem(String)  getParent()  addHelpMenuBar(JMenuBar)  addNormalMenuBar(JMenuBar)  tokenize(String)  getUserDirectory()  atomTypeTable  consoleframe  getJmol(JFrame)  screenSize  strJvmVersion  currentDir  crystprop  anim  transform  makecrystal  meas  mlist  pg  vib  defaultActions  preferencesDialog  toolbar  createToolbar()  createStatusBar()  setBorder(Border)  add(String,Component)  setLayout(LayoutManager)  menubar  recentFiles  status  scriptWindow  printAction  saveChooser  pdfAction  povrayAction  exportAction  openChooser  exportChooser  fileTyper  getAction(String)  commands  createMenubar()  pluginManager  getActions()  say(String)  splash  resourceHandler  Jmol(Splash,JFrame)  apm  control  createMenu(String, boolean)  guimap  getMenuItem(String)  menuItems  createMenuItem(String, boolean)  display  main(String[])  getFrame()  frame  numWindows  doClose()  print()  chemicalShifts  saveAction  jmolpopup |
| Jmol\_new\_2  [-]  [-] | createTool(String)  UserPropsFile  UserAtypeFile  getHistoryFile()  historyFile  static {}  toolbarButtonGroup  setRotateButton()  buttonRotate  createToolbarButton(String) |
| AtomShape  [2] | AtomShape\_new\_1  [Shape]  [-] | setColorAtom(Color)  colorAtom  diameter  y  x  isClipVisible(Rectangle)  static {}  rectTemp  isBondClipVisible(Rectangle, int, int, int, int)  toString()  z  atom  renderBonds(Graphics,DisplayControl)  render(Graphics,DisplayControl)  AtomShape(Atom, byte, short,Color, byte,  short,Color,String)  transform(DisplayControl)  setStyleAtom(byte)  styleAtom  getRasMolRadius()  setMarAtom(short)  marAtom  setStyleMarAtom(byte, short)  strLabel  setLabel(String) |
| AtomShape\_new\_2  [-]  [-] | AtomShape(Atom,DisplayControl)  bondWidths  setMarBond(short, int)  marBonds  numBonds  setColorAllBonds(Color)  setColorBond(Color, int)  colorBonds  setMarAllBonds(short)  deleteBond(int)  setStyleMarBond(byte, short, int)  setStyleMarAllBonds(byte, short)  setStyleAllBonds(byte)  styleBonds  setStyleBond(byte, int) |