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the tools">
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height of the window&#xA;@paramxPos The x-coordinate of the window

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position&#xA;@paramyPos The y-coordinate of the window
position&#xA;@paramtoolColors The list of background colors for the tool
buttons&#xA;@paramtoolNames The list of names for the tool
buttons&#xA;@paramgrid The grid object that is being controlled">
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  <ownedParameter xmi:id="_QgMt7CdCEem8L7GnWj51lQ" name="grid"
type="_QgN8xidCEem8L7GnWj51lQ">
    <eAnnotations xmi:id="_QgMt7SdCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_QgMt7idCEem8L7GnWj51lQ" key="uuid"
value="_m1Jvqic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMt7ydCEem8L7GnWj51lQ">
      <eAnnotations xmi:id="_QgMt8CdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMt8SdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jvqyc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMt8idCEem8L7GnWj51lQ" value="1">
      <eAnnotations xmi:id="_QgMt8ydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMt9CdCEem8L7GnWj51lQ" key="uuid"
value="_m1JvrCc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedParameter>
  </ownedOperation>
  <ownedOperation xmi:id="_QgMt9SdCEem8L7GnWj51lQ" name="hexToColor"
visibility="public">
    <eAnnotations xmi:id="_QgMt9idCEem8L7GnWj51lQ" source="param">
      <details xmi:id="_QgMt9ydCEem8L7GnWj51lQ" key="hex" value=""/>
      <details xmi:id="_QgMt-CdCEem8L7GnWj51lQ" key="A" value=""/>

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<details xmi:id="_QgMt-SdCEem8L7GnWj51lQ" key="six" value=""/>
<details xmi:id="_QgMt-idCEem8L7GnWj51lQ" key="character" value=""/>
<details xmi:id="_QgMt-ydCEem8L7GnWj51lQ" key="string" value=""/>
<details xmi:id="_QgMt-CdCEem8L7GnWj51lQ" key="containing" value=""/>
<details xmi:id="_QgMt-SdCEem8L7GnWj51lQ" key="digits" value=""/>
<details xmi:id="_QgMt-idCEem8L7GnWj51lQ" key="representing" value=""/>
>

<details xmi:id="_QgMt-ydCEem8L7GnWj51lQ" key="a" value=""/>
<details xmi:id="_QgMuACdCEem8L7GnWj51lQ" key="color" value=""/>
<details xmi:id="_QgMuASdCEem8L7GnWj51lQ" key="in" value=""/>
<details xmi:id="_QgMuAidCEem8L7GnWj51lQ" key="the" value=""/>
<details xmi:id="_QgMuAydCEem8L7GnWj51lQ" key="rgb" value=""/>
<details xmi:id="_QgMuBCdCEem8L7GnWj51lQ" key="space" value=""/>
</eAnnotations>
<eAnnotations xmi:id="_QgMuBSdCEem8L7GnWj51lQ" source="return">
  <details xmi:id="_QgMuBidCEem8L7GnWj51lQ" key="A" value=""/>
  <details xmi:id="_QgMuBydCEem8L7GnWj51lQ" key="Color" value=""/>
  <details xmi:id="_QgMuCCdCEem8L7GnWj51lQ" key="object" value=""/>
  <details xmi:id="_QgMuCSdCEem8L7GnWj51lQ" key="with" value=""/>
  <details xmi:id="_QgMuCidCEem8L7GnWj51lQ" key="the" value=""/>
  <details xmi:id="_QgMuCydCEem8L7GnWj51lQ" key="rgb" value=""/>
  <details xmi:id="_QgMuDCdCEem8L7GnWj51lQ" key="value" value=""/>
  <details xmi:id="_QgMuDSdCEem8L7GnWj51lQ" key="of" value=""/>
  <details xmi:id="_QgMuDidCEem8L7GnWj51lQ" key="hex" value=""/>
  <details xmi:id="_QgMuDydCEem8L7GnWj51lQ" key="string" value=""/>
</eAnnotations>
<eAnnotations xmi:id="_QgMuECdCEem8L7GnWj51lQ" source="genmymodel">
  <details xmi:id="_QgMuESdCEem8L7GnWj51lQ" key="uuid"
value="_m1JvrSc9EemVJ-LgVHoDQQ"/>
</eAnnotations>
<ownedComment xmi:id="_QgMuEidCEem8L7GnWj51lQ" body="@paramhex A six
character string containing hex digits representing a color in the rgb color
space&#xA;@return A Color object with the rgb value of the hex string">
  <eAnnotations xmi:id="_QgMuEydCEem8L7GnWj51lQ" source="genmymodel">
    <details xmi:id="_QgMuFCdCEem8L7GnWj51lQ" key="uuid"
value="_m1JvyCc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</ownedComment>
<ownedParameter xmi:id="_QgMuFSdCEem8L7GnWj51lQ"
type="_QgRoTSdCEem8L7GnWj51lQ" direction="return">
  <eAnnotations xmi:id="_QgMuFidCEem8L7GnWj51lQ" source="genmymodel">
    <details xmi:id="_QgMuFydCEem8L7GnWj51lQ" key="uuid"
value="_m1JvySc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMuGCdCEem8L7GnWj51lQ">
    <eAnnotations xmi:id="_QgMuGSdCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_QgMuGidCEem8L7GnWj51lQ" key="uuid"
value="_m1Jvyic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMuGydCEem8L7GnWj51lQ" value="1">
    <eAnnotations xmi:id="_QgMuHCdCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_QgMuHSDCEem8L7GnWj51lQ" key="uuid"
value="_m1Jvyyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
<ownedParameter xmi:id="_QgMuHidCEem8L7GnWj51lQ" name="hex">
  <eAnnotations xmi:id="_QgMuHydCEem8L7GnWj51lQ" source="genmymodel">
    <details xmi:id="_QgMuICdCEem8L7GnWj51lQ" key="uuid"
value="_m1JvzCc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>

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        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/String"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMuISdCEem8L7GnWj511Q">
            <eAnnotations xmi:id="_QgMuIidCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuIydCEem8L7GnWj511Q" key="uuid"
value="_m1JvzSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMuJCdCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMuJSdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuJidCEem8L7GnWj511Q" key="uuid"
value="_m1Jvzic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>
    <ownedOperation xmi:id="_QgMuJydCEem8L7GnWj511Q" name="repaint"
visibility="public">
        <eAnnotations xmi:id="_QgMuKCdCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_QgMuKSdCEem8L7GnWj511Q" key="uuid"
value="_m1Jvzyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuKidCEem8L7GnWj511Q" body="Draw the display
(cards and messages).">
            <eAnnotations xmi:id="_QgMuKydCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuLCdCEem8L7GnWj511Q" key="uuid"
value="_m1Jv0Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMuLSdCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgMuLidCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuLydCEem8L7GnWj511Q" key="uuid"
value="_m1Jv0Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
    </ownedOperation>
    <ownedOperation xmi:id="_QgMuMCdCEem8L7GnWj511Q" name="getGrowBy"
visibility="public">
        <eAnnotations xmi:id="_QgMuMSdCEem8L7GnWj511Q" source="return">
            <details xmi:id="_QgMuMidCEem8L7GnWj511Q" key="The" value=""/>
            <details xmi:id="_QgMuMydCEem8L7GnWj511Q" key="value" value=""/>
            <details xmi:id="_QgMuNCdCEem8L7GnWj511Q" key="of" value=""/>
            <details xmi:id="_QgMuNSdCEem8L7GnWj511Q" key="the" value=""/>
            <details xmi:id="_QgMuNidCEem8L7GnWj511Q" key="grow" value=""/>
            <details xmi:id="_QgMuNydCEem8L7GnWj511Q" key="by" value=""/>
            <details xmi:id="_QgMuOCdCEem8L7GnWj511Q" key="spinner" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgMuOSdCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_QgMuOidCEem8L7GnWj511Q" key="uuid"
value="_m1Jv0ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuOydCEem8L7GnWj511Q" body="@return The value
of the grow by spinner">
            <eAnnotations xmi:id="_QgMuPCdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuPSdCEem8L7GnWj511Q" key="uuid"
value="_m1Jv2yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMuPidCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgMuPydCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuQCdCEem8L7GnWj511Q" key="uuid"
value="_m1Jv3Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
    </ownedOperation>

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        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMuQSDCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMuQidCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuQydCEem8L7GnWj511Q" key="uuid"
value="_m1Jv3Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMuRCdCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMuRSdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuRidCEem8L7GnWj511Q" key="uuid"
value="_m1Jv3ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>
    <ownedOperation xmi:id="_QgMuRydCEem8L7GnWj511Q" name="getEdgeKills"
visibility="public">
        <eAnnotations xmi:id="_QgMuSCdCEem8L7GnWj511Q" source="return">
            <details xmi:id="_QgMuSSdCEem8L7GnWj511Q" key="whether" value=""/>
            <details xmi:id="_QgMuSidCEem8L7GnWj511Q" key="the" value=""/>
            <details xmi:id="_QgMuSydCEem8L7GnWj511Q" key="edge" value=""/>
            <details xmi:id="_QgMuTCdCEem8L7GnWj511Q" key="kills" value=""/>
            <details xmi:id="_QgMuTSdCEem8L7GnWj511Q" key="checkbox" value=""/>
            <details xmi:id="_QgMuTidCEem8L7GnWj511Q" key="is" value=""/>
            <details xmi:id="_QgMuTydCEem8L7GnWj511Q" key="checked" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgMuUCdCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_QgMuUSdCEem8L7GnWj511Q" key="uuid"
value="_m1Jv3yc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuUidCEem8L7GnWj511Q" body="@return whether the
edge kills checkbox is checked">
            <eAnnotations xmi:id="_QgMuUydCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuVCdCEem8L7GnWj511Q" key="uuid"
value="_m1Jv6Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMuVSdCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgMuVidCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuVydCEem8L7GnWj511Q" key="uuid"
value="_m1Jv6Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Boolean"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMuWCdCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMuWSdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuWidCEem8L7GnWj511Q" key="uuid"
value="_m1Jv6ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMuWydCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMuXCdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMuXSdCEem8L7GnWj511Q" key="uuid"
value="_m1Jv6yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>

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        <ownedOperation xmi:id="_QgMuXidCEem8L7GnWj51lQ" name="initDisplay"
visibility="private">
        <eAnnotations xmi:id="_QgMuXydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuYCdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv7Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuYsdCEem8L7GnWj51lQ" body="Initialize the
display.">
        <eAnnotations xmi:id="_QgMuYidCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuYydCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv7Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMuZCdCEem8L7GnWj51lQ" direction="return">
        <eAnnotations xmi:id="_QgMuZsdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuZidCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv7ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedParameter>
        </ownedOperation>
        <ownedOperation xmi:id="_QgMuZydCEem8L7GnWj51lQ" name="signalError"
visibility="private">
        <eAnnotations xmi:id="_QgMuaCdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuaSdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv7yc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuaidCEem8L7GnWj51lQ" body="Beeps">
        <eAnnotations xmi:id="_QgMuaydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMubCdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv8Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMubSdCEem8L7GnWj51lQ" direction="return">
        <eAnnotations xmi:id="_QgMubidCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMubydCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv8Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedParameter>
        </ownedOperation>
        <ownedOperation xmi:id="_QgMucCdCEem8L7GnWj51lQ" name="actionPerformed"
visibility="public">
        <eAnnotations xmi:id="_QgMucSdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMucidCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv8ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedParameter xmi:id="_QgMucydCEem8L7GnWj51lQ" direction="return">
        <eAnnotations xmi:id="_QgMudCdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMudSdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv8yc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedParameter>
        <ownedParameter xmi:id="_QgMudidCEem8L7GnWj51lQ" name="e"
type="_QgRoVSdCEem8L7GnWj51lQ">
        <eAnnotations xmi:id="_QgMudydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMueCdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv9Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMueSdCEem8L7GnWj51lQ">
        <eAnnotations xmi:id="_QgMueidCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMueydCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv9Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </lowerValue>

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        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMufCdCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgMufSdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMufidCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv9ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
        </ownedParameter>
        </ownedOperation>
        <ownedOperation xmi:id="_QgMufydCEem8L7GnWj51lQ" name="updateControls"
visibility="public">
        <eAnnotations xmi:id="_QgMugCdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMugSdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv9yc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMugidCEem8L7GnWj51lQ">
        <eAnnotations xmi:id="_QgMugydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuhCdCEem8L7GnWj51lQ" key="uuid" value="_m1Jv-
Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMuhSdCEem8L7GnWj51lQ" direction="return">
        <eAnnotations xmi:id="_QgMuhidCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuhydCEem8L7GnWj51lQ" key="uuid" value="_m1Jv-
Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedParameter>
        </ownedOperation>
        <ownedOperation xmi:id="_QgMuiCdCEem8L7GnWj51lQ" name="setCurrentTool"
visibility="public">
        <eAnnotations xmi:id="_QgMuSdCEem8L7GnWj51lQ" source="param">
        <details xmi:id="_QgMuSdCEem8L7GnWj51lQ" key="index" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgMuSdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuSdCEem8L7GnWj51lQ" key="index" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgMuSdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuSdCEem8L7GnWj51lQ" key="index" value=""/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuSdCEem8L7GnWj51lQ" body="@paramindex">
        <eAnnotations xmi:id="_QgMuSdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMuSdCEem8L7GnWj51lQ" key="index" value=""/>
        </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMukCdCEem8L7GnWj51lQ" direction="return">
        <eAnnotations xmi:id="_QgMukSdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMukidCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv_Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedParameter>
        <ownedParameter xmi:id="_QgMukydCEem8L7GnWj51lQ" name="index">
        <eAnnotations xmi:id="_QgMulCdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMulSdCEem8L7GnWj51lQ" key="uuid"
value="_m1Jv_yc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMulidCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgMulydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMumCdCEem8L7GnWj51lQ" key="uuid"
value="_m1JwACc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"

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    <eAnnotations xmi:id="_QgMumidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1JwASc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
    </ownedParameter>
    </ownedOperation>
    <ownedOperation xmi:id="_QgMunCdCEem8L7GnWj511Q" name="getCurrentTool"
visibility="public">
        <eAnnotations xmi:id="_QgMunSdCEem8L7GnWj511Q" source="return">
            <details xmi:id="_QgMunidCEem8L7GnWj511Q" key="the" value=""/>
            <details xmi:id="_QgMunydCEem8L7GnWj511Q" key="index" value=""/>
            <details xmi:id="_QgMuocdCEem8L7GnWj511Q" key="in" value=""/>
            <details xmi:id="_QgMuosdCEem8L7GnWj511Q" key="toolNames" value=""/>
            <details xmi:id="_QgMuoidCEem8L7GnWj511Q" key="of" value=""/>
            <details xmi:id="_QgMuoydCEem8L7GnWj511Q" key="last" value=""/>
            <details xmi:id="_QgMupCdCEem8L7GnWj511Q" key="clicked" value=""/>
            <details xmi:id="_QgMupSdCEem8L7GnWj511Q" key="button" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgMupidCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_QgMupydCEem8L7GnWj511Q" key="uuid"
value="_m1JwAic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuqCdCEem8L7GnWj511Q" body="@return the index
in toolNames of the last clicked button">
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                <details xmi:id="_QgMuqidCEem8L7GnWj511Q" key="uuid"
value="_m1JwDCC9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgMuqydCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgMurCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1JwDSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMuridCEem8L7GnWj511Q" value="1">
                <eAnnotations xmi:id="_QgMurydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1JwDic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
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xmi:id="_QgMusSdCEem8L7GnWj511Q" value="1">
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value="_m1JwDyc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
    </ownedOperation>
    <nestedClassifier xsi:type="uml:Class" xmi:id="_QgMutCdCEem8L7GnWj511Q"
name="OpenListener" visibility="package">
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value="_m1JwECc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <interfaceRealization xmi:id="_QgMutydCEem8L7GnWj511Q"
client="_QgMutCdCEem8L7GnWj511Q" supplier="_QgRoUSdCEem8L7GnWj511Q"
contract="_QgRoUSdCEem8L7GnWj511Q">
            <eAnnotations xmi:id="_QgMuuCdCEem8L7GnWj511Q" source="genmymodel">

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        <details xmi:id="_QgMuuSdCEem8L7GnWj511Q" key="uuid"
value="_m1JwESc9EemVJ-LgVHoDQQ"/>
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</interfaceRealization>
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visibility="public">
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value="_m1KWQCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedParameter xmi:id="_QgMuvSdCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgMuvidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWQSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
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type="_QgRoVSdCEem8L7GnWj511Q">
            <eAnnotations xmi:id="_QgMuwSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWQic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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xmi:id="_QgMuwydCEem8L7GnWj511Q">
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source="genmymodel">
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value="_m1KWQyc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
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source="genmymodel">
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value="_m1KWRCc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
    </ownedOperation>
</nestedClassifier>
</packagedElement>
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name="Block">
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        </eAnnotations>
        <eAnnotations xmi:id="_QgMuzCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWRSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMuzidCEem8L7GnWj511Q" body="@author Timothy">
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value="_m1KWSSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
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visibility="private">
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value="_m1KWSSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"

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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
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value="_m1KWSic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMu1ydCEem8L7GnWj51lQ" value="1">
    <eAnnotations xmi:id="_QgMu2CdCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_QgMu2SdCEem8L7GnWj51lQ" key="uuid"
value="_m1KWSyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedAttribute>
<ownedAttribute xmi:id="_QgMu2IdCEem8L7GnWj51lQ" name="yPos"
visibility="private">
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    <details xmi:id="_QgMu3CdCEem8L7GnWj51lQ" key="uuid"
value="_m1KWTCc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMu3SdCEem8L7GnWj51lQ" value="1">
      <eAnnotations xmi:id="_QgMu3IdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMu3ydCEem8L7GnWj51lQ" key="uuid"
value="_m1KWTS9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMu4CdCEem8L7GnWj51lQ" value="1">
      <eAnnotations xmi:id="_QgMu4SdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgMu4IdCEem8L7GnWj51lQ" key="uuid"
value="_m1KWtic9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedAttribute>
  <ownedAttribute xmi:id="_QgMu4ydCEem8L7GnWj51lQ" name="width"
visibility="private">
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value="_m1KWtyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
      <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMu5IdCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgMu5ydCEem8L7GnWj51lQ" source="genmymodel">
          <details xmi:id="_QgMu6CdCEem8L7GnWj51lQ" key="uuid"
value="_m1KWUcc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
      </lowerValue>
      <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMu6SdCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgMu6IdCEem8L7GnWj51lQ" source="genmymodel">
          <details xmi:id="_QgMu6ydCEem8L7GnWj51lQ" key="uuid"
value="_m1KWUsc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
      </upperValue>
    </ownedAttribute>
    <ownedAttribute xmi:id="_QgMu7CdCEem8L7GnWj51lQ" name="height"
visibility="private">

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        <eAnnotations xmi:id="_QgMu7SdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWUic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMu7ydCEem8L7GnWj511Q" value="1">
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                <details xmi:id="_QgMu8SdCEem8L7GnWj511Q" key="uuid"
value="_m1KWUyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMu8idCEem8L7GnWj511Q" value="1">
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value="_m1KWVcc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedAttribute>
    <ownedAttribute xmi:id="_QgMu9SdCEem8L7GnWj511Q" name="color"
visibility="private" type="_QgRofSdCEem8L7GnWj511Q">
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value="_m1KWVsc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgMu-
CdCEem8L7GnWj511Q">
            <eAnnotations xmi:id="_QgMu-SdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMu-idCEem8L7GnWj511Q" key="uuid"
value="_m1KWVic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgMu-
ydCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMu_CdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMu_SdCEem8L7GnWj511Q" key="uuid"
value="_m1KWVyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedAttribute>
    <ownedAttribute xmi:id="_QgMu_idCEem8L7GnWj511Q" name="name"
visibility="private">
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value="_m1KWVcc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//String"/>
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xmi:id="_QgMvASdCEem8L7GnWj511Q">
            <eAnnotations xmi:id="_QgMvAidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWVsc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMvBCdCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMvBSdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMvBidCEem8L7GnWj511Q" key="uuid"
value="_m1KWwic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>

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        </ownedAttribute>
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client="_QgMuySdCEem8L7GnWj511Q" supplier="_QgPygidCEem8L7GnWj511Q"
contract="_QgPygidCEem8L7GnWj511Q">
            <eAnnotations xmi:id="_QgMvCCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWwyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </interfaceRealization>
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visibility="public">
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value="_m1KWXCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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                <eAnnotations xmi:id="_QgMvDidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWXSd9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </ownedComment>
        </ownedOperation>
        <ownedOperation xmi:id="_QgMvECdCEem8L7GnWj511Q" name="Block"
visibility="public">
            <eAnnotations xmi:id="_QgMvESdCEem8L7GnWj511Q" source="param">
                <details xmi:id="_QgMvEidCEem8L7GnWj511Q" key="xPos" value=""/>
            </eAnnotations>
            <eAnnotations xmi:id="_QgMvEydCEem8L7GnWj511Q" source="param">
                <details xmi:id="_QgMvFCdCEem8L7GnWj511Q" key="yPos" value=""/>
            </eAnnotations>
            <eAnnotations xmi:id="_QgMvFSdCEem8L7GnWj511Q" source="param">
                <details xmi:id="_QgMvFidCEem8L7GnWj511Q" key="width" value=""/>
            </eAnnotations>
            <eAnnotations xmi:id="_QgMvFydCEem8L7GnWj511Q" source="param">
                <details xmi:id="_QgMvGCdCEem8L7GnWj511Q" key="height" value=""/>
            </eAnnotations>
            <eAnnotations xmi:id="_QgMvGSdCEem8L7GnWj511Q" source="param">
                <details xmi:id="_QgMvGidCEem8L7GnWj511Q" key="color" value=""/>
            </eAnnotations>
            <eAnnotations xmi:id="_QgMvGydCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgMvHCdCEem8L7GnWj511Q" key="uuid"
value="_m1KWXic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <ownedComment xmi:id="_QgMvHSdCEem8L7GnWj511Q"
body="@paramxPos&#xA;@paramyPos&#xA;@paramwidth&#xA;@paramheight&#xA;@paramcolor
">
                <eAnnotations xmi:id="_QgMvHidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWaSc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </ownedComment>
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                <eAnnotations xmi:id="_QgMvISdCEem8L7GnWj511Q" source="genmymodel">
                    <details xmi:id="_QgMvIidCEem8L7GnWj511Q" key="uuid"
value="_m1KWaic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </ownedParameter>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMvIydCEem8L7GnWj511Q" value="1">
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value="_m1KWayc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
        </ownedOperation>
    </eAnnotations>

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        </lowerValue>
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value="_m1KWbCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgMvKSdCEem8L7GnWj511Q" name="yPos">
        <eAnnotations xmi:id="_QgMvKidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWbSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
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xmi:id="_QgMvLCdCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMvLSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWbic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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            <eAnnotations xmi:id="_QgMvMCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWbyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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        <eAnnotations xmi:id="_QgMvMydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWcCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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            </eAnnotations>
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    <eAnnotations xmi:id="_QgMvUCdCEem8L7GnWj511Q" source="param">
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        </ownedComment>
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value="_m1KWsysc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
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value="_m1KWtCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
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xmi:id="_QgMv1SdCEem8L7GnWj511Q" value="1">
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value="_m1KWtSc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
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xmi:id="_QgMv2CdCEem8L7GnWj511Q" value="1">
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value="_m1KWtIc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
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    </ownedOperation>
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visibility="public">
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        </eAnnotations>
        <eAnnotations xmi:id="_QgMv3idCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWtyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgMv4CdCEem8L7GnWj511Q" body="@paramyPos">
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value="_m1KWuic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
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value="_m1KWuyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
        <ownedParameter xmi:id="_QgMv5idCEem8L7GnWj511Q" name="yPos">
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value="_m1KWvCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"

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xmi:id="_QgMv6SdCEem8L7GnWj51lQ" value="1">
  <eAnnotations xmi:id="_QgMv6idCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1KwvSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
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  <eAnnotations xmi:id="_QgMv7SdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Kwvic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</upperValue>
</ownedParameter>
</ownedOperation>
  <ownedOperation xmi:id="_QgMv7ydCEem8L7GnWj51lQ" name="getName"
visibility="public">
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  <eAnnotations xmi:id="_QgMv8SdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Kwvyc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <ownedComment xmi:id="_QgMv8ydCEem8L7GnWj51lQ" body="@return">
    <eAnnotations xmi:id="_QgMv9CdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1KwvSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedComment>
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    <eAnnotations xmi:id="_QgMv9ydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Kwwic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/String"/>
  <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgMv-
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    <eAnnotations xmi:id="_QgMv-idCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Kwvyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
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xmi:id="_QgMv-CdCEem8L7GnWj51lQ" value="1">
  <eAnnotations xmi:id="_QgMv-SdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1KwxCc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</upperValue>
</ownedParameter>
</ownedOperation>
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visibility="public">
  <eAnnotations xmi:id="_QgMwACdCEem8L7GnWj51lQ" source="param">
    <details xmi:id="_QgMwASdCEem8L7GnWj51lQ" key="name" value=""/>
  </eAnnotations>
  <eAnnotations xmi:id="_QgMwAidCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1KwvSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
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value="_m1KwxCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedComment>

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    </eAnnotations>
  </ownedComment>
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value="_m1KWySc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedParameter>
  <ownedParameter xmi:id="_QgMwCidCEem8L7GnWj511Q" name="name">
    <eAnnotations xmi:id="_QgMwCydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWyic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//String"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMwDSdCEem8L7GnWj511Q">
      <eAnnotations xmi:id="_QgMwDidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWyy9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMwECdCEem8L7GnWj511Q" value="1">
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value="_m1KWzCc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedParameter>
  </ownedOperation>
  <ownedOperation xmi:id="_QgMwEydCEem8L7GnWj511Q" name="setPos"
visibility="public">
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      <details xmi:id="_QgMwFSdCEem8L7GnWj511Q" key="x" value=""/>
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    <eAnnotations xmi:id="_QgMwFidCEem8L7GnWj511Q" source="param">
      <details xmi:id="_QgMwFydCEem8L7GnWj511Q" key="y" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgMwGCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KWzSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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body="@paramx&#xA;@paramy">
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value="_m1KW0ic9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </ownedComment>
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value="_m1KW0yc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </ownedParameter>
    <ownedParameter xmi:id="_QgMwICdCEem8L7GnWj511Q" name="x">
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value="_m1KW1Cc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"

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value="_m1KW1Sc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMwJidCEem8L7GnWj511Q" value="1">
  <eAnnotations xmi:id="_QgMwJydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1KW1ic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</upperValue>
</ownedParameter>
  <ownedParameter xmi:id="_QgMwKSdCEem8L7GnWj511Q" name="y">
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value="_m1KW1yc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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xmi:id="_QgMwLCdCEem8L7GnWj511Q" value="1">
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value="_m1KW2Cc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
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xmi:id="_QgMwLydCEem8L7GnWj511Q" value="1">
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value="_m1KW2Sc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedParameter>
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visibility="public">
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    <eAnnotations xmi:id="_QgMwNSdCEem8L7GnWj511Q" source="genmymodel">
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    </eAnnotations>
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value="_m1KW3Sc9EemVJ-LgVHoDQQ"/>
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    </ownedComment>
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value="_m1KW3ic9EemVJ-LgVHoDQQ"/>
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value="_m1KW3yc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    <type xsi:type="uml:PrimitiveType"

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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
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    <eAnnotations xmi:id="_QgMwQSdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1K9UCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMwQydCEem8L7GnWj51lQ" value="1">
    <eAnnotations xmi:id="_QgMwRCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1K9USc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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visibility="public">
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  </eAnnotations>
  <eAnnotations xmi:id="_QgMwSSdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1K9Uic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
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value="_m1K9VSc9EemVJ-LgVHoDQQ"/>
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  </ownedComment>
  <ownedParameter xmi:id="_QgMwTidCEem8L7GnWj51lQ" direction="return">
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value="_m1K9Vic9EemVJ-LgVHoDQQ"/>
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  </ownedParameter>
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value="_m1K9Vyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedParameter>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgMwVCdCEem8L7GnWj51lQ" value="1">
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value="_m1K9WCc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgMwVydCEem8L7GnWj51lQ" value="1">
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        <details xmi:id="_QgMwWSdCEem8L7GnWj51lQ" key="uuid"
value="_m1K9WSc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedParameter>
</ownedOperation>
<ownedOperation xmi:id="_QgMwWidCEem8L7GnWj51lQ" name="setColor"
visibility="public">
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        <details xmi:id="_QgMwXCdCEem8L7GnWj511Q" key="color" value=""/>
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    <eAnnotations xmi:id="_QgMwXSdCEem8L7GnWj511Q" source="genmymodel">
        <details xmi:id="_QgMwXidCEem8L7GnWj511Q" key="uuid"
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    </eAnnotations>
    <ownedComment xmi:id="_QgMwXydCEem8L7GnWj511Q" body="@paramcolor">
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value="_m1K9XSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
    <ownedParameter xmi:id="_QgMwYidCEem8L7GnWj511Q" direction="return">
        <eAnnotations xmi:id="_QgMwYydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1K9Xic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedParameter>
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        <eAnnotations xmi:id="_QgMwZidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1K9Xyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1K9Ycc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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xmi:id="_QgMwaydCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_QgMwbCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1K9YSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
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    </ownedComment>
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value="_m1K9Zic9EemVJ-LgVHoDQQ"/>
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        </eAnnotations>
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        </eAnnotations>
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    </lowerValue>
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            </eAnnotations>
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            </eAnnotations>
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value="_m1Lkzic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1Lkzyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
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                </eAnnotations>
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  </eAnnotations>
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value="_m1ML0ic9EemVJ-LgVHoDQQ"/>
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        </eAnnotations>
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        </ownedComment>
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value="_m1ML2ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
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value="_m1ML2yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <lowerValue xsi:type="uml:LiteralInteger"

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value="_m1ML4Sc9EemVJ-LgVHoDQQ"/>
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    </ownedComment>
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    </ownedParameter>
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value="_m1ML5Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
</lowerValue>
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    </eAnnotations>

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    </eAnnotations>
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        </eAnnotations>
      </upperValue>
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  </ownedOperation>
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  </eAnnotations>

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    </eAnnotations>
    <ownedComment xmi:id="_QgNXXSdCEem8L7GnWj511Q" body="@author Tim Barber">
      <eAnnotations xmi:id="_QgNXXidCEem8L7GnWj511Q" source="genmymodel">
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    </ownedComment>
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      </eAnnotations>
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value="_m1ML9ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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Cc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
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xmi:id="_QgNXbCdCEem8L7GnWj511Q" value="1">
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      <eAnnotations xmi:id="_QgNXdSdCEem8L7GnWj511Q" source="return"/>
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value="_m1ML_yc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
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        </eAnnotations>
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        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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        </eAnnotations>
        <eAnnotations xmi:id="_QgNXkCdCEem8L7GnWj511Q" source="return"/>
        <eAnnotations xmi:id="_QgNXkSdCEem8L7GnWj511Q" source="throws">
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value=""/>

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value="_m1Myiic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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value="_m1Myiyc9EemVJ-LgVHoDQQ"/>
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value="_m1Myjic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
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value="_m1Myjyc9EemVJ-LgVHoDQQ"/>
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            </upperValue>
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value="_m1MylCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
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value="_m1MylSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/String"/>
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xmi:id="_QgN7QSdCEem8L7GnWj511Q">
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value="_m1Mylic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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        </upperValue>
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value=""/>

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value="_m1Myoic9EemVJ-LgVHoDQQ"/>
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value="_m1MypCc9EemVJ-LgVHoDQQ"/>
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    <details xmi:id="_QgN7cCdCEem8L7GnWj511Q" key="Majority" value=""/>
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m" value=""/>
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TimothyMajority of code in this class taken fromhttp://www.java2s.com/Code/Java/
Swing-JFC/DemonstrationofFiledialogboxes.htm">
  <eAnnotations xmi:id="_QgN7fCdCEem8L7GnWj51lQ" source="genmymodel">
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visibility="private" type="_QgRodSdCEem8L7GnWj51lQ">
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    </eAnnotations>
  </lowerValue>
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  </lowerValue>
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  </lowerValue>
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value="_m1MyxCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgN7sCdCEem8L7GnWj511Q" body="@paramargs">
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value="_m1Myxyc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </ownedComment>
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value="_m1MyyCc9EemVJ-LgVHoDQQ"/>
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    </ownedParameter>
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value="_m1MyySc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/String"/>
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xmi:id="_QgN7uSdCEem8L7GnWj511Q">
        <eAnnotations xmi:id="_QgN7uidCEem8L7GnWj511Q" source="genmymodel">
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    </eAnnotations>
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    </ownedComment>

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  </interfaceRealization>
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Sc9EemVJ-LgVHoDQQ"/>
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    <details xmi:id="_QgN8PCdCEem8L7GnWj511Q" key="of" value=""/>
    <details xmi:id="_QgN8PSdCEem8L7GnWj511Q" key="which" value=""/>
    <details xmi:id="_QgN8PidCEem8L7GnWj511Q" key="the" value=""/>
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    <details xmi:id="_QgN8QSDCEem8L7GnWj511Q" key="currently" value=""/>
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  </eAnnotations>
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value to true and the others to false">

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            <details xmi:id="_QgN8dSdCEem8L7GnWj51lQ" key="game" value=""/>
            <details xmi:id="_QgN8didCEem8L7GnWj51lQ" key="is" value=""/>
            <details xmi:id="_QgN8dydCEem8L7GnWj51lQ" key="in" value=""/>
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the game is in">
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value="_m1MzIyc9EemVJ-LgVHoDQQ"/>
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not it's preGame">
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value="_m1NZlic9EemVJ-LgVHoDQQ"/>
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value="_m1NZwCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
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        <eAnnotations xmi:id="_QgN9EidCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_QgN9EydCEem8L7GnWj511Q" key="uuid"
value="_m1NZwSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedAttribute>
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visibility="private">
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        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Boolean"/>
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value="_m1NZwyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </lowerValue>
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        <eAnnotations xmi:id="_QgN9GydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1NZxCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedAttribute>
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visibility="private">
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value="_m1NZxSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgN9ICdCEem8L7GnWj511Q" value="1">

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        <eAnnotations xmi:id="_QgN9ISdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1NZxic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </lowerValue>
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xmi:id="_QgN9IydCEem8L7GnWj51lQ" value="1">
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            <details xmi:id="_QgN9JSdCEem8L7GnWj51lQ" key="uuid"
value="_m1NZxyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedAttribute>
    <ownedAttribute xmi:id="_QgN9JidCEem8L7GnWj51lQ" name="minDiffLevel"
visibility="private">
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value="_m1NZyCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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value="_m1NZySc9EemVJ-LgVHoDQQ"/>
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value="_m1NZyic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedAttribute>
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value="_m1NZyyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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xmi:id="_QgN9MidCEem8L7GnWj51lQ" value="1">
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            </eAnnotations>
        </lowerValue>
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value="_m1NZzSc9EemVJ-LgVHoDQQ"/>
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value="_m1NZzic9EemVJ-LgVHoDQQ"/>

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        </eAnnotations>
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            </eAnnotations>
        </lowerValue>
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value="_m1NZ0Cc9EemVJ-LgVHoDQQ"/>
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value="_m1NZ0Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1NZ0yc9EemVJ-LgVHoDQQ"/>
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value="_m1NZ1Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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    </ownedAttribute>
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            </eAnnotations>
        </lowerValue>
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value="_m1NZ2Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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value="_m1NZ3Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1NZ3ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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value="_m1NZ3yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>

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        </eAnnotations>
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value="_m1NZ4Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Boolean"/>
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xmi:id="_QgN9cSdCEem8L7GnWj51lQ" value="1">
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value="_m1NZ4Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgN9dCdCEem8L7GnWj51lQ" value="1">
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value="_m1NZ4ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedAttribute>
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visibility="package" type="_QgSMzSdCEem8L7GnWj51lQ">
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value="_m1NZ4yc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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            </eAnnotations>
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value="_m1NZ5Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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value="_m1NZ5ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
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xmi:id="_QgN9gydCEem8L7GnWj51lQ" value="1">
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value="_m1NZ5yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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        <eAnnotations xmi:id="_QgN9hydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1NZ6Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedAttribute>
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isReadOnly="true">
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value="_m1NZ6Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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xmi:id="_QgN9jCdCEem8L7GnWj511Q">
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value="_m1NZ6ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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value="_m1NZ6yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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isReadOnly="true">
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value="_m1NZ7Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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xmi:id="_QgN9lSdCEem8L7GnWj511Q">
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value="_m1NZ7Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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        </upperValue>
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            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"

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value="_m1NZ8Sc9EemVJ-LgVHoDQQ"/>
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value="_m1NZ8ic9EemVJ-LgVHoDQQ"/>
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value="_m1NZ8yc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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value="_m1NZ9Cc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
      </upperValue>
    </ownedAttribute>
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value="_m1NZ9Sc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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value="_m1NZ9ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </lowerValue>
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value="_m1NZ9yc9EemVJ-LgVHoDQQ"/>
          </eAnnotations>
          </upperValue>
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Cc9EemVJ-LgVHoDQQ"/>
          </eAnnotations>
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xmi:id="_QgN9uSdCEem8L7GnWj51lQ" value="1">
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        <details xmi:id="_QgN9uydCEem8L7GnWj511Q" key="uuid" value="_m1NZ-
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</lowerValue>
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ic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
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visibility="private" type="_QgSM1SdCEem8L7GnWj511Q">
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yc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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    <eAnnotations xmi:id="_QgN9wydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1NZ_Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </lowerValue>
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    <eAnnotations xmi:id="_QgN9xidCEem8L7GnWj511Q" source="genmymodel">
        <details xmi:id="_QgN9xydCEem8L7GnWj511Q" key="uuid"
value="_m1NZ_Sc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
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    <ownedAttribute xmi:id="_QgN9yCdCEem8L7GnWj511Q" name="sandboxPlayArea"
visibility="private" type="_QgSM0SdCEem8L7GnWj511Q">
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value="_m1NZ_ic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgN9yydCEem8L7GnWj511Q">
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value="_m1NZ_yc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </lowerValue>
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value="_m1NaACc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
</ownedAttribute>
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contract="_QgRm6CdCEem8L7GnWj511Q">
    <eAnnotations xmi:id="_QgN90idCEem8L7GnWj511Q" source="genmymodel">
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value="_m1NaASc9EemVJ-LgVHoDQQ"/>
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visibility="public">

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  <details xmi:id="_QgN91ydCEem8L7GnWj511Q" key="The" value=""/>
  <details xmi:id="_QgN92CdCEem8L7GnWj511Q" key="horizontal" value=""/>
  <details xmi:id="_QgN92SdCEem8L7GnWj511Q" key="number" value=""/>
  <details xmi:id="_QgN92idCEem8L7GnWj511Q" key="of" value=""/>
  <details xmi:id="_QgN92ydCEem8L7GnWj511Q" key="squares" value=""/>
</eAnnotations>
<eAnnotations xmi:id="_QgN93CdCEem8L7GnWj511Q" source="param">
  <details xmi:id="_QgN93SdCEem8L7GnWj511Q" key="length" value=""/>
  <details xmi:id="_QgN93idCEem8L7GnWj511Q" key="The" value=""/>
  <details xmi:id="_QgN93ydCEem8L7GnWj511Q" key="vertical" value=""/>
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  <details xmi:id="_QgN94SdCEem8L7GnWj511Q" key="of" value=""/>
  <details xmi:id="_QgN94idCEem8L7GnWj511Q" key="squares" value=""/>
</eAnnotations>
<eAnnotations xmi:id="_QgN94ydCEem8L7GnWj511Q" source="param">
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  <details xmi:id="_QgN95SdCEem8L7GnWj511Q" key="The" value=""/>
  <details xmi:id="_QgN95idCEem8L7GnWj511Q" key="x-coordinate" value=""/>
>
  <details xmi:id="_QgN95ydCEem8L7GnWj511Q" key="of" value=""/>
  <details xmi:id="_QgN96CdCEem8L7GnWj511Q" key="the" value=""/>
  <details xmi:id="_QgN96SdCEem8L7GnWj511Q" key="snake's" value=""/>
  <details xmi:id="_QgN96idCEem8L7GnWj511Q" key="starting" value=""/>
  <details xmi:id="_QgN96ydCEem8L7GnWj511Q" key="position" value=""/>
</eAnnotations>
<eAnnotations xmi:id="_QgN97CdCEem8L7GnWj511Q" source="param">
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  <details xmi:id="_QgN97idCEem8L7GnWj511Q" key="The" value=""/>
  <details xmi:id="_QgN97ydCEem8L7GnWj511Q" key="y-coordinate" value=""/>
>
  <details xmi:id="_QgN98CdCEem8L7GnWj511Q" key="of" value=""/>
  <details xmi:id="_QgN98SdCEem8L7GnWj511Q" key="the" value=""/>
  <details xmi:id="_QgN98idCEem8L7GnWj511Q" key="snake's" value=""/>
  <details xmi:id="_QgN98ydCEem8L7GnWj511Q" key="starting" value=""/>
  <details xmi:id="_QgN99CdCEem8L7GnWj511Q" key="position" value=""/>
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value="_m1NaAic9EemVJ-LgVHoDQQ"/>
</eAnnotations>
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horizontal number of squares&#xA;@paramlength The vertical number of
squares&#xA;@paramstartX The x-coordinate of the snake's starting
position&#xA;@paramstartY The y-coordinate of the snake's starting position">
  <eAnnotations xmi:id="_QgN9-CdCEem8L7GnWj511Q" source="genmymodel">
    <details xmi:id="_QgN9-SdCEem8L7GnWj511Q" key="uuid"
value="_m1NaIyc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</ownedComment>
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  <eAnnotations xmi:id="_QgN9-ydCEem8L7GnWj511Q" source="genmymodel">
    <details xmi:id="_QgN9-CdCEem8L7GnWj511Q" key="uuid"
value="_m1NaJcc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgN9-SdCEem8L7GnWj511Q" value="1">
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value="_m1NaJSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>

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value="_m1NaJic9EemVJ-LgVHoDQQ"/>
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        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgN-AydCEem8L7GnWj51lQ" name="length">
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value="_m1NaJyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgN-
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value="_m1NaKcc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgN-
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            <eAnnotations xmi:id="_QgN-CidCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1NaKSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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value="_m1NaKic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgN-
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value="_m1NaKyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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            </eAnnotations>
        </upperValue>
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value="_m1NaLSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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value="_m1NaLic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
</lowerValue>
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value="_m1NaLyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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</ownedOperation>
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value="_m1NaMcC9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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value="_m1NaMSc9EemVJ-LgVHoDQQ"/>
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            </ownedParameter>
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value="_m1NaMic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgN-
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value="_m1NaMyc9EemVJ-LgVHoDQQ"/>
                    </eAnnotations>
                </lowerValue>
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value="_m1NaNCc9EemVJ-LgVHoDQQ"/>
                    </eAnnotations>
                </upperValue>
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visibility="public">
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            <details xmi:id="_QgN-MCdCEem8L7GnWj51lQ" key="initial" value=""/>
            <details xmi:id="_QgN-MSdCEem8L7GnWj51lQ" key="position" value=""/>
            <details xmi:id="_QgN-MidCEem8L7GnWj51lQ" key="of" value=""/>
            <details xmi:id="_QgN-MydCEem8L7GnWj51lQ" key="the" value=""/>
            <details xmi:id="_QgN-NCdCEem8L7GnWj51lQ" key="snake" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgN-NSdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10AoCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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position of the snake">
            <eAnnotations xmi:id="_QgN-OCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10AqCc9EemVJ-LgVHoDQQ"/>
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</ownedComment>
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value="_m10AqSc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
      <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgN-
PSdCEem8L7GnWj511Q">
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value="_m10Aqic9EemVJ-LgVHoDQQ"/>
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        </lowerValue>
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value="_m10Aqyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
          </upperValue>
        </ownedParameter>
      </ownedOperation>
      <ownedOperation xmi:id="_QgN-QydCEem8L7GnWj511Q" name="setFrameSpeed"
visibility="public">
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          <details xmi:id="_QgN-RidCEem8L7GnWj511Q" key="The" value=""/>
          <details xmi:id="_QgN-RydCEem8L7GnWj511Q" key="number" value=""/>
          <details xmi:id="_QgN-SCdCEem8L7GnWj511Q" key="of" value=""/>
          <details xmi:id="_QgN-SSdCEem8L7GnWj511Q" key="frames" value=""/>
          <details xmi:id="_QgN-SidCEem8L7GnWj511Q" key="that" value=""/>
          <details xmi:id="_QgN-SydCEem8L7GnWj511Q" key="should" value=""/>
          <details xmi:id="_QgN-TCdCEem8L7GnWj511Q" key="be" value=""/>
          <details xmi:id="_QgN-TSdCEem8L7GnWj511Q" key="shown" value=""/>
          <details xmi:id="_QgN-TidCEem8L7GnWj511Q" key="per" value=""/>
          <details xmi:id="_QgN-TydCEem8L7GnWj511Q" key="update" value=""/>
          <details xmi:id="_QgN-UCdCEem8L7GnWj511Q" key="cycle" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgN-USdCEem8L7GnWj511Q" source="genmymodel">
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value="_m10ArCc9EemVJ-LgVHoDQQ"/>
          </eAnnotations>
          <ownedComment xmi:id="_QgN-UydCEem8L7GnWj511Q" body="@paramamt The
number of frames that should be shown per update cycle">
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value="_m10Auic9EemVJ-LgVHoDQQ"/>
              </eAnnotations>
            </ownedComment>
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              <eAnnotations xmi:id="_QgN-VydCEem8L7GnWj511Q" source="genmymodel">
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value="_m10Auyc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
              </ownedParameter>
              <ownedParameter xmi:id="_QgN-WSdCEem8L7GnWj511Q" name="amt">
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value="_m10AvCc9EemVJ-LgVHoDQQ"/>
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                <details xmi:id="_QgN-XidCEem8L7GnWj51lQ" key="uuid"
value="_m10AvSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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            <eAnnotations xmi:id="_QgN-YCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10Avic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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</ownedOperation>
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visibility="public">
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            <details xmi:id="_QgN-ZSdCEem8L7GnWj51lQ" key="The" value=""/>
            <details xmi:id="_QgN-ZidCEem8L7GnWj51lQ" key="number" value=""/>
            <details xmi:id="_QgN-ZydCEem8L7GnWj51lQ" key="of" value=""/>
            <details xmi:id="_QgN-aCdCEem8L7GnWj51lQ" key="frames" value=""/>
            <details xmi:id="_QgN-aSdCEem8L7GnWj51lQ" key="that" value=""/>
            <details xmi:id="_QgN-aidCEem8L7GnWj51lQ" key="should" value=""/>
            <details xmi:id="_QgN-aydCEem8L7GnWj51lQ" key="be" value=""/>
            <details xmi:id="_QgN-bCdCEem8L7GnWj51lQ" key="shown" value=""/>
            <details xmi:id="_QgN-bSdCEem8L7GnWj51lQ" key="per" value=""/>
            <details xmi:id="_QgN-bidCEem8L7GnWj51lQ" key="update" value=""/>
            <details xmi:id="_QgN-bydCEem8L7GnWj51lQ" key="cycle" value=""/>
        </eAnnotations>
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            <details xmi:id="_QgN-cidCEem8L7GnWj51lQ" key="The" value=""/>
            <details xmi:id="_QgN-cydCEem8L7GnWj51lQ" key="difficulty" value=""/>
            <details xmi:id="_QgN-dCdCEem8L7GnWj51lQ" key="to" value=""/>
            <details xmi:id="_QgN-dSdCEem8L7GnWj51lQ" key="change" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgN-didCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10Avyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgN-eCdCEem8L7GnWj51lQ" body="@paramamt The
number of frames that should be shown per update cycle&#xA;;@paramlevel The
difficulty level to change">
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                <details xmi:id="_QgN-eidCEem8L7GnWj51lQ" key="uuid"
value="_m10A0yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgN-eydCEem8L7GnWj51lQ" direction="return">
            <eAnnotations xmi:id="_QgN-fCdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgN-fSdCEem8L7GnWj51lQ" key="uuid"
value="_m10A1Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
        <ownedParameter xmi:id="_QgN-fidCEem8L7GnWj51lQ" name="amt">
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value="_m10A1Sc9EemVJ-LgVHoDQQ"/>
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        <type xsi:type="uml:PrimitiveType"
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                <details xmi:id="_QgN-gydCEem8L7GnWj51lQ" key="uuid"
value="_m10A1ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgN-
hCdCEem8L7GnWj51lQ" value="1">
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value="_m10A1yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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    <ownedParameter xmi:id="_QgN-hydCEem8L7GnWj51lQ" name="level">
        <eAnnotations xmi:id="_QgN-iCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10A2Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgN-
iidCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgN-iydCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgN-jCdCEem8L7GnWj51lQ" key="uuid"
value="_m10A2Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgN-
jSdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgN-jidCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgN-jydCEem8L7GnWj51lQ" key="uuid"
value="_m10A2ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>
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visibility="public">
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            <details xmi:id="_QgN-kidCEem8L7GnWj51lQ" key="x" value=""/>
            <details xmi:id="_QgN-kydCEem8L7GnWj51lQ" key="The" value=""/>
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        </eAnnotations>
    </ownedOperation>
    <ownedOperation xmi:id="_QgN-lSdCEem8L7GnWj51lQ" name="move"
visibility="public">
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            <details xmi:id="_QgN-lydCEem8L7GnWj51lQ" key="of" value=""/>
            <details xmi:id="_QgN-lidCEem8L7GnWj51lQ" key="the" value=""/>
            <details xmi:id="_QgN-lydCEem8L7GnWj51lQ" key="snake's" value=""/>
            <details xmi:id="_QgN-mCdCEem8L7GnWj51lQ" key="new" value=""/>
            <details xmi:id="_QgN-mSdCEem8L7GnWj51lQ" key="position" value=""/>
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    </ownedOperation>
    <ownedOperation xmi:id="_QgN-midCEem8L7GnWj51lQ" name="move"
visibility="public">
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            <details xmi:id="_QgN-nCdCEem8L7GnWj51lQ" key="The" value=""/>
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    </ownedOperation>
    <ownedOperation xmi:id="_QgN-nidCEem8L7GnWj51lQ" name="move"
visibility="public">
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            <details xmi:id="_QgN-nydCEem8L7GnWj51lQ" key="the" value=""/>
            <details xmi:id="_QgN-oCdCEem8L7GnWj51lQ" key="snake's" value=""/>
            <details xmi:id="_QgN-oSdCEem8L7GnWj51lQ" key="new" value=""/>
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        </eAnnotations>
    </ownedOperation>

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        <eAnnotations xmi:id="_QgN-oydCEem8L7GnWj511Q" source="genmymodel">
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value="_m10A2yc9EemVJ-LgVHoDQQ"/>
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coordinate of the snake's new position&#xA;@paramy The y-coordinate of the
snake's new position">
            <eAnnotations xmi:id="_QgN-pidCEem8L7GnWj511Q" source="genmymodel">
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value="_m10A7ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgN-qCdCEem8L7GnWj511Q" direction="return">
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value="_m10A7yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
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            <eAnnotations xmi:id="_Qg0iUIdCEem8L7GnWj511Q" source="genmymodel">
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value="_m10A8Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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xmi:id="_Qg0iVCdCEem8L7GnWj511Q" value="1">
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                    <details xmi:id="_Qg0iVidCEem8L7GnWj511Q" key="uuid"
value="_m10A8Sc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
            <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0iVydCEem8L7GnWj511Q" value="1">
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                    <details xmi:id="_Qg0iWSdCEem8L7GnWj511Q" key="uuid"
value="_m10A8ic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
        <ownedParameter xmi:id="_Qg0iWidCEem8L7GnWj511Q" name="y">
            <eAnnotations xmi:id="_Qg0iWydCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_Qg0iXCdCEem8L7GnWj511Q" key="uuid"
value="_m10A8yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0iXSdCEem8L7GnWj511Q" value="1">
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                    <details xmi:id="_Qg0iXydCEem8L7GnWj511Q" key="uuid"
value="_m10A9Cc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
            <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0iYCdCEem8L7GnWj511Q" value="1">
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value="_m10A9Sc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
    </ownedOperation>
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visibility="public">
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    <details xmi:id="_Qg0iZidCEem8L7GnWj51lQ" key="The" value=""/>
    <details xmi:id="_Qg0iZydCEem8L7GnWj51lQ" key="object" value=""/>
    <details xmi:id="_Qg0iaCdCEem8L7GnWj51lQ" key="to" value=""/>
    <details xmi:id="_Qg0iaSdCEem8L7GnWj51lQ" key="copy" value=""/>
    <details xmi:id="_Qg0iaidCEem8L7GnWj51lQ" key="(most" value=""/>
    <details xmi:id="_Qg0iaydCEem8L7GnWj51lQ" key="of)" value=""/>
    <details xmi:id="_Qg0ibCdCEem8L7GnWj51lQ" key="the" value=""/>
    <details xmi:id="_Qg0ibSdCEem8L7GnWj51lQ" key="values" value=""/>
    <details xmi:id="_Qg0ibidCEem8L7GnWj51lQ" key="from" value=""/>
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  <eAnnotations xmi:id="_Qg0iabydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10A9ic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <ownedComment xmi:id="_Qg0icSdCEem8L7GnWj51lQ" body="@paramgrid The grid
object to copy (most of) the values from">
    <eAnnotations xmi:id="_Qg0icidCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_Qg0icydCEem8L7GnWj51lQ" key="uuid"
value="_m10BAic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedComment>
  <ownedParameter xmi:id="_Qg0idCdCEem8L7GnWj51lQ" direction="return">
    <eAnnotations xmi:id="_Qg0idSdCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_Qg0ididCEem8L7GnWj51lQ" key="uuid"
value="_m10BAyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedParameter>
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type="_QgN8xidCEem8L7GnWj51lQ">
    <eAnnotations xmi:id="_Qg0ieCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10BBcc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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xmi:id="_Qg0ieidCEem8L7GnWj51lQ">
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        <details xmi:id="_Qg0ifCdCEem8L7GnWj51lQ" key="uuid"
value="_m10BBSc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0ifSdCEem8L7GnWj51lQ" value="1">
      <eAnnotations xmi:id="_Qg0ifidCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_Qg0ifydCEem8L7GnWj51lQ" key="uuid"
value="_m10BBic9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedParameter>
</ownedOperation>
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visibility="public">
    <eAnnotations xmi:id="_Qg0igSdCEem8L7GnWj51lQ" source="return">
      <details xmi:id="_Qg0igidCEem8L7GnWj51lQ" key="The" value=""/>
      <details xmi:id="_Qg0igydcEm8L7GnWj51lQ" key="initial" value=""/>
      <details xmi:id="_Qg0ihCdCEem8L7GnWj51lQ" key="length" value=""/>
      <details xmi:id="_Qg0ihSdCEem8L7GnWj51lQ" key="of" value=""/>
      <details xmi:id="_Qg0ihidCEem8L7GnWj51lQ" key="the" value=""/>
      <details xmi:id="_Qg0ihydCEem8L7GnWj51lQ" key="snake" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_Qg0iicdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10BByc9EemVJ-LgVHoDQQ"/>
</eAnnotations>
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length of the snake">
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    <details xmi:id="_Qg0ijCdCEem8L7GnWj511Q" key="uuid"
value="_m10BDyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedComment>
  <ownedParameter xmi:id="_Qg0ijSdCEem8L7GnWj511Q" direction="return">
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      <details xmi:id="_Qg0ijydCEem8L7GnWj511Q" key="uuid"
value="_m10BEcc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0ikCdCEem8L7GnWj511Q" value="1">
      <eAnnotations xmi:id="_Qg0ikSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m10BESc9EemVJ-LgVHoDQQ"/>
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    </lowerValue>
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    <details xmi:id="_Qg0imidCEem8L7GnWj511Q" key="value" value=""/>
    <details xmi:id="_Qg0imydCEem8L7GnWj511Q" key="for" value=""/>
    <details xmi:id="_Qg0inCdCEem8L7GnWj511Q" key="the" value=""/>
    <details xmi:id="_Qg0inSdCEem8L7GnWj511Q" key="snake's" value=""/>
    <details xmi:id="_Qg0inidCEem8L7GnWj511Q" key="size" value=""/>
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increment value for the snake's size">
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  </ownedComment>
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xmi:id="_Qg0ipydcEm8L7GnWj511Q" value="1">
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        <details xmi:id="_Qg0iuSdCEem8L7GnWj511Q" key="in" value=""/>
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value="_m10BICc9EemVJ-LgVHoDQQ"/>
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value="_m10BLyc9EemVJ-LgVHoDQQ"/>
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    </ownedParameter>
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    </lowerValue>
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        <details xmi:id="_Qg0i0idCEem8L7GnWj511Q" key="the" value=""/>
        <details xmi:id="_Qg0i0ydCEem8L7GnWj511Q" key="first" value=""/>
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        <details xmi:id="_Qg0i1SdCEem8L7GnWj511Q" key="without" value=""/>
        <details xmi:id="_Qg0i1idCEem8L7GnWj511Q" key="a" value=""/>
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        <details xmi:id="_Qg0i2idCEem8L7GnWj511Q" key="to" value=""/>
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        <details xmi:id="_Qg0i3SdCEem8L7GnWj511Q" key="down" value=""/>
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coordinates of the first portal without a pair reading leftto right top down on
the grid">
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            </eAnnotations>
        </lowerValue>
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<details xmi:id="_Qg0i9CdCEem8L7GnWj51lQ" key="no" value=""/>
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<details xmi:id="_Qg0i-idCEem8L7GnWj51lQ" key="lowest" value=""/>
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    <details xmi:id="_Qg0jDydCEem8L7GnWj51lQ" key="two-dimensional"
value=""/>
    <details xmi:id="_Qg0jECdCEem8L7GnWj51lQ" key="list" value=""/>
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    <details xmi:id="_Qg0jEidCEem8L7GnWj51lQ" key="ints" value=""/>
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    <details xmi:id="_Qg0jFCdCEem8L7GnWj51lQ" key="various" value=""/>
    <details xmi:id="_Qg0jFSdCEem8L7GnWj51lQ" key="snake" value=""/>
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two-dimensional list of ints describing various snakeobjects">
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        <details xmi:id="_Qg0jKydCEem8L7GnWj511Q" key="whether" value=""/>
        <details xmi:id="_Qg0jLCdCEem8L7GnWj511Q" key="the" value=""/>
        <details xmi:id="_Qg0jLSdCEem8L7GnWj511Q" key="walls" value=""/>
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        <details xmi:id="_Qg0jMCdCEem8L7GnWj511Q" key="or" value=""/>
        <details xmi:id="_Qg0jMSdCEem8L7GnWj511Q" key="not" value=""/>
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    </eAnnotations>
    <ownedComment xmi:id="_Qg0jNCdCEem8L7GnWj511Q" body="@paramval Whether
the walls kill the snake or not">
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            <details xmi:id="_Qg0jSSdCEem8L7GnWj511Q" key="of" value=""/>
            <details xmi:id="_Qg0jSidCEem8L7GnWj511Q" key="the" value=""/>
            <details xmi:id="_Qg0jSydCEem8L7GnWj511Q" key="snake" value=""/>
            <details xmi:id="_Qg0jTCdCEem8L7GnWj511Q" key="in" value=""/>
            <details xmi:id="_Qg0jTSdCEem8L7GnWj511Q" key="sandbox" value=""/>
            <details xmi:id="_Qg0jTidCEem8L7GnWj511Q" key="mode" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_Qg0jTydCEem8L7GnWj511Q" source="genmymodel">
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value="_m10Bfic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_Qg0jUSdCEem8L7GnWj511Q" body="@paramamt The
initial length of the snake in sandbox mode">
            <eAnnotations xmi:id="_Qg0jUidCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_Qg0jUydCEem8L7GnWj511Q" key="uuid"
value="_m10Biic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_Qg0jVCdCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_Qg0jVSdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_Qg0jVidCEem8L7GnWj511Q" key="uuid"
value="_m10Biyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
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            <eAnnotations xmi:id="_Qg0jWCdCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_Qg0jWSdCEem8L7GnWj511Q" key="uuid"
value="_m10BjCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        <type xsi:type="uml:PrimitiveType"

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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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value="_m10BjSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0jXSdCEem8L7GnWj51lQ" value="1">
    <eAnnotations xmi:id="_Qg0jXidCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10Bjic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
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    <details xmi:id="_Qg0jYydCEem8L7GnWj51lQ" key="The" value=""/>
    <details xmi:id="_Qg0jZCdCEem8L7GnWj51lQ" key="number" value=""/>
    <details xmi:id="_Qg0jZSdCEem8L7GnWj51lQ" key="frames" value=""/>
    <details xmi:id="_Qg0jZidCEem8L7GnWj51lQ" key="that" value=""/>
    <details xmi:id="_Qg0jZydCEem8L7GnWj51lQ" key="pass" value=""/>
    <details xmi:id="_Qg0jaCdCEem8L7GnWj51lQ" key="before" value=""/>
    <details xmi:id="_Qg0jaSdCEem8L7GnWj51lQ" key="another" value=""/>
    <details xmi:id="_Qg0jaidCEem8L7GnWj51lQ" key="update" value=""/>
    <details xmi:id="_Qg0jaydCEem8L7GnWj51lQ" key="cycle" value=""/>
  </eAnnotations>
  <eAnnotations xmi:id="_Qg0jbCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10Bjyc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <ownedComment xmi:id="_Qg0jbidCEem8L7GnWj51lQ" body="@paramval The
number frames that pass before another update cycle">
    <eAnnotations xmi:id="_Qg0jbydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10Bmyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedComment>
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    <eAnnotations xmi:id="_Qg0jcidCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10BnCc9EemVJ-LgVHoDQQ"/>
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  </ownedParameter>
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value="_m10BnSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedParameter>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0jdYdCEem8L7GnWj51lQ" value="1">
    <eAnnotations xmi:id="_Qg0jeCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10Bnic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0jeidCEem8L7GnWj51lQ" value="1">

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        <eAnnotations xmi:id="_Qg0jeydCEem8L7GnWj511Q" source="genmymodel">
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value="_m10Bnyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedParameter>
</ownedOperation>
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visibility="public">
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        <details xmi:id="_Qg0jfydCEem8L7GnWj511Q" key="x" value=""/>
        <details xmi:id="_Qg0jgCdCEem8L7GnWj511Q" key="The" value=""/>
        <details xmi:id="_Qg0jgSdCEem8L7GnWj511Q" key="x-coordinate" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_Qg0jgidCEem8L7GnWj511Q" key="of" value=""/>
    <eAnnotations xmi:id="_Qg0jgydCEem8L7GnWj511Q" key="the" value=""/>
    <eAnnotations xmi:id="_Qg0jhCdCEem8L7GnWj511Q" key="head" value=""/>
    <eAnnotations xmi:id="_Qg0jhSdCEem8L7GnWj511Q" key="in" value=""/>
    <eAnnotations xmi:id="_Qg0jhIdCEem8L7GnWj511Q" key="sandbox" value=""/>
    <eAnnotations xmi:id="_Qg0jhydCEem8L7GnWj511Q" key="mode" value=""/>
    <eAnnotations xmi:id="_Qg0jiCdCEem8L7GnWj511Q" source="param">
        <details xmi:id="_Qg0jiSdCEem8L7GnWj511Q" key="y" value=""/>
        <details xmi:id="_Qg0jiidCEem8L7GnWj511Q" key="The" value=""/>
        <details xmi:id="_Qg0jiydCEem8L7GnWj511Q" key="x-coordinate" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_Qg0jjCdCEem8L7GnWj511Q" key="of" value=""/>
    <eAnnotations xmi:id="_Qg0jjSdCEem8L7GnWj511Q" key="the" value=""/>
    <eAnnotations xmi:id="_Qg0jjidCEem8L7GnWj511Q" key="head" value=""/>
    <eAnnotations xmi:id="_Qg0jjydCEem8L7GnWj511Q" key="in" value=""/>
    <eAnnotations xmi:id="_Qg0jkCdCEem8L7GnWj511Q" key="sandbox" value=""/>
    <eAnnotations xmi:id="_Qg0jkSdCEem8L7GnWj511Q" key="mode" value=""/>
    <eAnnotations xmi:id="_Qg0jkidCEem8L7GnWj511Q" source="genmymodel">
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    </eAnnotations>
    <ownedComment xmi:id="_Qg0jlcDEem8L7GnWj511Q" body="@paramx The x-
coordinate of the head in sandbox mode&#xA;@paramy The x-coordinate of the head
in sandbox mode">
        <eAnnotations xmi:id="_Qg0jldCEem8L7GnWj511Q" source="genmymodel">
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value="_m10BtSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
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value="_m10Btic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedParameter>
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        <eAnnotations xmi:id="_Qg0jmydCEem8L7GnWj511Q" source="genmymodel">
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value="_m10Btyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0jnsdCEem8L7GnWj511Q" value="1">
            <eAnnotations xmi:id="_Qg0jnIdCEem8L7GnWj511Q" source="genmymodel">
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            </eAnnotations>
        </lowerValue>
    </ownedParameter>

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        </lowerValue>
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        <details xmi:id="_Qg0joidCEem8L7GnWj511Q" key="uuid"
value="_m10BuSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_Qg0joydCEem8L7GnWj511Q" name="y">
        <eAnnotations xmi:id="_Qg0jpCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m10Buic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
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xmi:id="_Qg0jpidCEem8L7GnWj511Q" value="1">
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value="_m10Buyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0jqSdCEem8L7GnWj511Q" value="1">
        <eAnnotations xmi:id="_Qg0jqidCEem8L7GnWj511Q" source="genmymodel">
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value="_m10BvCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
    </ownedParameter>
    </ownedOperation>
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visibility="public">
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value="_m10BvSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedParameter xmi:id="_Qg0jrydCEem8L7GnWj511Q" direction="return">
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value="_m10Bvic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0jsidCEem8L7GnWj511Q">
        <eAnnotations xmi:id="_Qg0jsydCEem8L7GnWj511Q" source="genmymodel">
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value="_m10nsCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </lowerValue>
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xmi:id="_Qg0jtsdCEem8L7GnWj511Q" value="*">
        <eAnnotations xmi:id="_Qg0jtCdCEem8L7GnWj511Q" source="genmymodel">
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        </eAnnotations>
        </upperValue>
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    </ownedOperation>
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visibility="public">
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        <eAnnotations xmi:id="_Qg0juidCEem8L7GnWj511Q" source="genmymodel">
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        </eAnnotations>
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            <eAnnotations xmi:id="_Qg0jvSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m10ntCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
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                <details xmi:id="_Qg0jwSdCEem8L7GnWj511Q" key="uuid"
value="_m10ntSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0jwidCEem8L7GnWj511Q" value="1">
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                </eAnnotations>
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value="_m10ntyc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
    </ownedOperation>
    <ownedOperation xmi:id="_Qg0jyCdCEem8L7GnWj511Q" name="addPortal"
visibility="public">
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            <details xmi:id="_Qg0jyidCEem8L7GnWj511Q" key="x1" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_Qg0jyydCEem8L7GnWj511Q" source="param">
            <details xmi:id="_Qg0jzCdCEem8L7GnWj511Q" key="y1" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_Qg0jzSdCEem8L7GnWj511Q" source="param">
            <details xmi:id="_Qg0jzidCEem8L7GnWj511Q" key="x2" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_Qg0jzydCEem8L7GnWj511Q" source="param">
            <details xmi:id="_Qg0j0CdCEem8L7GnWj511Q" key="y2" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_Qg0j0SdCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_Qg0j0idCEem8L7GnWj511Q" key="uuid"
value="_m10nuCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_Qg0j0ydCEem8L7GnWj511Q"
body="@paramx1&#xA;@paramy1&#xA;@paramx2&#xA;@paramy2">
            <eAnnotations xmi:id="_Qg0j1CdCEem8L7GnWj511Q" source="genmymodel">
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value="_m10nwSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
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value="_m10nwic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>

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        <ownedParameter xmi:id="_Qg0j2SdCEem8L7GnWj51lQ" name="x1">
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value="_m10nwy9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0j3CdCEem8L7GnWj51lQ" value="1">
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                    <details xmi:id="_Qg0j3idCEem8L7GnWj51lQ" key="uuid"
value="_m10nxCc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
            <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0j3ydCEem8L7GnWj51lQ" value="1">
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value="_m10nXSc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
        <ownedParameter xmi:id="_Qg0j4idCEem8L7GnWj51lQ" name="y1">
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value="_m10nxic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_Qg0j5SdCEem8L7GnWj51lQ" value="1">
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value="_m10nXyc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
            <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_Qg0j6CdCEem8L7GnWj51lQ" value="1">
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value="_m10nyCc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
        <ownedParameter xmi:id="_Qg0j6ydCEem8L7GnWj51lQ" name="x2">
            <eAnnotations xmi:id="_Qg0j7CdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10nySc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger"
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value="_m10nyic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
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                </eAnnotations>

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        </upperValue>
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value="_m10nzCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m10nzSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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        </upperValue>
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    </eAnnotations>
    <eAnnotations xmi:id="_Qg0kAidCEem8L7GnWj51lQ" source="return"/>
    <eAnnotations xmi:id="_Qg0kAydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m10nzyc9EemVJ-LgVHoDQQ"/>
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body="@paramxPos&#xA;@paramyPos&#xA;@return">
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value="_m10n1Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
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</ownedOperation>

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</ownedParameter>
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        </lowerValue>
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            </eAnnotations>
        </lowerValue>
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        </upperValue>
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</ownedOperation>
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visibility="public">
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value="_m10n5ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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            </eAnnotations>
        </lowerValue>
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        </eAnnotations>
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            </eAnnotations>
        </upperValue>
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            </eAnnotations>
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                </eAnnotations>
            </upperValue>
        </ownedParameter>
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        <lowerValue xsi:type="uml:LiteralInteger"
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        </eAnnotations>
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value="_m10n_yc9EemVJ-LgVHoDQQ"/>

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    </eAnnotations>
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value="_m10oPyc9EemVJ-LgVHoDQQ"/>
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value="_m1POwCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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xmi:id="_Qg0lOSdCEem8L7GnWj51lQ" value="1">
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            </eAnnotations>
        </lowerValue>
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value="_m1P0xSc9EemVJ-LgVHoDQQ"/>
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        </upperValue>
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value="_m1P0xic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1P0xyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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        </ownedParameter>
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        <eAnnotations xmi:id="_QgPJfidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1P0yyc9EemVJ-LgVHoDQQ"/>
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value="_m1P00Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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    </lowerValue>
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value="_m1P00ic9EemVJ-LgVHoDQQ"/>
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    </upperValue>
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    <eAnnotations xmi:id="_QgPJkSdCEem8L7GnWj511Q" source="genmymodel">
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    </eAnnotations>
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        </eAnnotations>
      </lowerValue>

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value="_m1P02Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
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    </ownedOperation>
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        <ownedComment xmi:id="_QgPJoydCEem8L7GnWj51lQ" body="@return">
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        </eAnnotations>
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        </eAnnotations>
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value="_m1P03ic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
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value="_m1P04ic9EemVJ-LgVHoDQQ"/>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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value="_m1P04yc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
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value="_m1P05Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
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value="_m1P05Sc9EemVJ-LgVHoDQQ"/>
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  <eAnnotations xmi:id="_QgPJxydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1P05yc9EemVJ-LgVHoDQQ"/>
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value="_m1P06Sc9EemVJ-LgVHoDQQ"/>
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  </ownedComment>
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    </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Boolean"/>
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value="_m1P06yc9EemVJ-LgVHoDQQ"/>
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value="_m1P07Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>

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value="_m1P08ic9EemVJ-LgVHoDQQ"/>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Boolean"/>
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        </ownedOperation>
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                        </ownedComment>
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value="_m1P16ic9EemVJ-LgVHoDQQ"/>
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                        </ownedParameter>
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    </eAnnotations>
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    <lowerValue xsi:type="uml:LiteralInteger"

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yc9EemVJ-LgVHoDQQ"/>
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  </ownedParameter>
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            </eAnnotations>
        </lowerValue>
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    <eAnnotations xmi:id="_QgPLfidCEem8L7GnWj511Q" source="param">
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    </eAnnotations>
    <eAnnotations xmi:id="_QgPLgCdCEem8L7GnWj511Q" source="return"/>
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  </eAnnotations>
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  </eAnnotations>
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  </upperValue>
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  </lowerValue>

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        </eAnnotations>

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        </eAnnotations>
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        </eAnnotations>
        </upperValue>
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value="_m1P2aic9EemVJ-LgVHoDQQ"/>
</eAnnotations>
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body="@paramxPos&#xA;@paramyPos&#xA;@return">
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    <details xmi:id="_QgPwjCdCEem8L7GnWj511Q" key="uuid"
value="_m1P2cCc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</ownedComment>
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value="_m1P2cSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
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  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgPwkCdCEem8L7GnWj511Q" value="1">
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value="_m1Qc4Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgPwkydCEem8L7GnWj511Q" value="1">
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value="_m1Qc4Sc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
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value="_m1Qc4ic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgPwmSdCEem8L7GnWj511Q" value="1">
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value="_m1Qc4yc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgPwnCdCEem8L7GnWj511Q" value="1">
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value="_m1Qc5Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
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value="_m1Qc5Sc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>

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        </eAnnotations>
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value="_m1Qc5ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
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value="_m1Qc5yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>
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visibility="public">
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            <details xmi:id="_QgPwqidCEem8L7GnWj51lQ" key="list" value=""/>
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        <eAnnotations xmi:id="_QgPwqydCEem8L7GnWj51lQ" source="return"/>
        <eAnnotations xmi:id="_QgPwrCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Qc6Cc9EemVJ-LgVHoDQQ"/>
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body="@paramlist&#xA;@return">
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value="_m1Qc7Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
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CdCEem8L7GnWj51lQ" direction="return">
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value="_m1Qc7Sc9EemVJ-LgVHoDQQ"/>
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value="_m1Qc7ic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
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value="_m1Qc7yc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
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value="_m1Qc8Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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value="_m1Qc8Sc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</lowerValue>
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  </upperValue>
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    <eAnnotations xmi:id="_QgPwxidCEem8L7GnWj511Q" source="return"/>
    <eAnnotations xmi:id="_QgPwxydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1Qc8yc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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body="@paramtype&#xA;@return">
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value="_m1Qc9yc9EemVJ-LgVHoDQQ"/>
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    </ownedComment>
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      </eAnnotations>
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        </eAnnotations>
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        </eAnnotations>
      </upperValue>
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yc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
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xmi:id="_QgPw2CdCEem8L7GnWj511Q" value="1">
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value="_m1Qc_Cc9EemVJ-LgVHoDQQ"/>
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    </eAnnotations>
    </upperValue>
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value=""/>
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        <details xmi:id="_QgPw4idCEem8L7GnWj511Q" key="originalPortalY"
value=""/>
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    <eAnnotations xmi:id="_QgPw5CdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1Qc_ic9EemVJ-LgVHoDQQ"/>
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    </eAnnotations>
    </ownedComment>
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value="_m1QdBSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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xmi:id="_QgPw7CdCEem8L7GnWj511Q">
    <eAnnotations xmi:id="_QgPw7SdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1QdBic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </lowerValue>
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    </eAnnotations>
    </upperValue>
    </ownedParameter>
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    <eAnnotations xmi:id="_QgPw8ydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1QdCCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"

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value="_m1QdCSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgPw-
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value="_m1QdCic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
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value="_m1QdCyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgPw-idCEem8L7GnWj511Q" value="1">
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value="_m1QdDCc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
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    </upperValue>
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    </eAnnotations>
    <eAnnotations xmi:id="_QgPxBydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1QdDic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgPxCSdCEem8L7GnWj511Q" body="@paramamt">
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value="_m1QdESc9EemVJ-LgVHoDQQ"/>
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    </ownedComment>
    <ownedParameter xmi:id="_QgPxDCdCEem8L7GnWj511Q" direction="return">
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value="_m1QdEic9EemVJ-LgVHoDQQ"/>
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    </ownedParameter>
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value="_m1QdEyc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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value="_m1QdFCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgPxFSc9EemVJ-LgVHoDQQ" value="1">
    <eAnnotations xmi:id="_QgPxFidCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1QdFSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
</ownedOperation>
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visibility="public">
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value="_m1QdFSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
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value="_m1QdFSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedComment>
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value="_m1QdFSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </ownedParameter>
</ownedOperation>
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  </eAnnotations>
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  </ownedParameter>

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value="_m1QdYSc9EemVJ-LgVHoDQQ"/>
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xmi:id="_QgPx0SdCEem8L7GnWj51lQ">
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value="_m1QdYyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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xmi:id="_QgPx1CdCEem8L7GnWj51lQ" value="1">
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            </eAnnotations>
        </upperValue>
    </ownedParameter>
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value="_m1QdZSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>

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        </eAnnotations>
        </lowerValue>
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value="_m1QdZyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
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        </ownedOperation>
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        <details xmi:id="_QgPx4idCEem8L7GnWj51lQ" key="x" value=""/>
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        <eAnnotations xmi:id="_QgPx4ydCEem8L7GnWj51lQ" source="param">
        <details xmi:id="_QgPx5CdCEem8L7GnWj51lQ" key="y" value=""/>
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        <eAnnotations xmi:id="_QgPx5SdCEem8L7GnWj51lQ" source="return"/>
        <eAnnotations xmi:id="_QgPx5idCEem8L7GnWj51lQ" source="genmymodel">
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        </eAnnotations>
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body="@paramx&#xA;@paramy&#xA;@return">
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value="_m1Qdbic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </ownedComment>
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        <eAnnotations xmi:id="_QgPx7CdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Qdbyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgPx7idCEem8L7GnWj51lQ" value="1">
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        </eAnnotations>
        </lowerValue>
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xmi:id="_QgPx8SdCEem8L7GnWj51lQ" value="1">
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        <details xmi:id="_QgPx8ydCEem8L7GnWj51lQ" key="uuid"
value="_m1QdcSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
        </ownedParameter>
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value="_m1Qdcic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"

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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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value="_m1Qdcyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgPx-
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    <eAnnotations xmi:id="_QgPx-ydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1QddCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
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value="_m1QddSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
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      </eAnnotations>
    </lowerValue>
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</ownedOperation>
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visibility="public">
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  </eAnnotations>
  <eAnnotations xmi:id="_QgPyCSdCEem8L7GnWj51lQ" source="param">
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  </eAnnotations>
  <eAnnotations xmi:id="_QgPyCydCEem8L7GnWj51lQ" source="return"/>
  <eAnnotations xmi:id="_QgPyDCdCEem8L7GnWj51lQ" source="genmymodel">
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    </eAnnotations>
  </ownedComment>
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    </eAnnotations>

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value="_m1RD8Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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            </eAnnotations>
        </upperValue>
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            </eAnnotations>
        </upperValue>
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            </eAnnotations>
        </lowerValue>
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        </upperValue>
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visibility="public">

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    <eAnnotations xmi:id="_QgPyLydCEem8L7GnWj511Q" source="return"/>
    <eAnnotations xmi:id="_QgPyMCdCEem8L7GnWj511Q" source="genmymodel">
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Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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value="_m1RD_Cc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </ownedComment>
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        </eAnnotations>
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        </eAnnotations>
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xmi:id="_QgPyRCdCEem8L7GnWj511Q" value="1">
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        </eAnnotations>
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        <details xmi:id="_QgPySSdCEem8L7GnWj511Q" key="value" value=""/>
      </eAnnotations>

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        </eAnnotations>
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value="_m1REByc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
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value="_m1RECCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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xmi:id="_QgPyUydCEem8L7GnWj511Q" value="1">
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value="_m1RECic9EemVJ-LgVHoDQQ"/>
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value="_m1REWSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgPzJcdCEem8L7GnWj511Q" value="1">
    <eAnnotations xmi:id="_QgPzJSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1REWic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
</ownedAttribute>
    <ownedAttribute xmi:id="_QgPzJydCEem8L7GnWj511Q" name="OffOn"
visibility="private" type="_QgRorCdCEem8L7GnWj511Q">
    <eAnnotations xmi:id="_QgPzKcdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1REWyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgPzKidCEem8L7GnWj511Q">
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value="_m1REXCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
</lowerValue>
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    <eAnnotations xmi:id="_QgPzLidCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1REXSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
</ownedAttribute>
    <ownedAttribute xmi:id="_QgPzMCdCEem8L7GnWj51lQ" name="OffOff"
visibility="private" type="_QgRorCdCEem8L7GnWj51lQ">
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value="_m1REXic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgPzMydCEem8L7GnWj51lQ">
    <eAnnotations xmi:id="_QgPzNCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1REXyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
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value="_m1REYcc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
</ownedAttribute>
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visibility="public">
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value="_m1REYSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgPzPCdCEem8L7GnWj51lQ" body="Initializes the
ImageView objects for the 4 menu screens">
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value="_m1REYic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </ownedComment>
</ownedOperation>
    <ownedOperation xmi:id="_QgPzPydCEem8L7GnWj51lQ" name="getMusic"
visibility="public">
    <eAnnotations xmi:id="_QgPzQCdCEem8L7GnWj51lQ" source="return">
        <details xmi:id="_QgPzQSDCEem8L7GnWj51lQ" key="Whether" value=""/>
        <details xmi:id="_QgPzQidCEem8L7GnWj51lQ" key="the" value=""/>
        <details xmi:id="_QgPzQydCEem8L7GnWj51lQ" key="music" value=""/>
        <details xmi:id="_QgPzRCdCEem8L7GnWj51lQ" key="icon" value=""/>
        <details xmi:id="_QgPzRSdCEem8L7GnWj51lQ" key="is" value=""/>
        <details xmi:id="_QgPzRidCEem8L7GnWj51lQ" key="on" value=""/>
        <details xmi:id="_QgPzRydCEem8L7GnWj51lQ" key="(true)" value=""/>
        <details xmi:id="_QgPzSCdCEem8L7GnWj51lQ" key="or" value=""/>
        <details xmi:id="_QgPzSSdCEem8L7GnWj51lQ" key="off" value=""/>
        <details xmi:id="_QgPzSidCEem8L7GnWj51lQ" key="(false)" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgPzSydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1REYyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>

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        <ownedComment xmi:id="_QgPzTSdCEem8L7GnWj51lQ" body="@return whether the
music icon is on (true) or off (false)">
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value="_m1REbyc9EemVJ-LgVHoDQQ"/>
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        </ownedComment>
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value="_m1REcCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Boolean"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgPzUydCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgPzVCdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgPzVSdCEem8L7GnWj51lQ" key="uuid"
value="_m1REcSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgPzVidCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgPzVydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgPzWCdCEem8L7GnWj51lQ" key="uuid"
value="_m1REcic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        </upperValue>
        </ownedParameter>
        </ownedOperation>
        <ownedOperation xmi:id="_QgPzWSdCEem8L7GnWj51lQ" name="getSFX"
visibility="public">
        <eAnnotations xmi:id="_QgPzWidCEem8L7GnWj51lQ" source="return">
        <details xmi:id="_QgPzWydCEem8L7GnWj51lQ" key="whether" value=""/>
        <details xmi:id="_QgPzXCdCEem8L7GnWj51lQ" key="the" value=""/>
        <details xmi:id="_QgPzXSdCEem8L7GnWj51lQ" key="SFX" value=""/>
        <details xmi:id="_QgPzXidCEem8L7GnWj51lQ" key="icon" value=""/>
        <details xmi:id="_QgPzXydCEem8L7GnWj51lQ" key="is" value=""/>
        <details xmi:id="_QgPzYCdCEem8L7GnWj51lQ" key="on" value=""/>
        <details xmi:id="_QgPzYSdCEem8L7GnWj51lQ" key="(true)" value=""/>
        <details xmi:id="_QgPzYidCEem8L7GnWj51lQ" key="or" value=""/>
        <details xmi:id="_QgPzYydCEem8L7GnWj51lQ" key="off" value=""/>
        <details xmi:id="_QgPzZCdCEem8L7GnWj51lQ" key="(false)" value=""/>
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        <eAnnotations xmi:id="_QgPzZSdCEem8L7GnWj51lQ" source="genmymodel">
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        </eAnnotations>
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SFX icon is on (true) or off (false)">
        <eAnnotations xmi:id="_QgPzaCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1REFyc9EemVJ-LgVHoDQQ"/>
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        </ownedComment>
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        <details xmi:id="_QgPzbCdCEem8L7GnWj51lQ" key="uuid"
value="_m1REGcC9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Boolean"/>
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value="_m1REgSc9EemVJ-LgVHoDQQ"/>
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    </lowerValue>
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xmi:id="_QgPzcCdCEem8L7GnWj511Q" value="1">
        <eAnnotations xmi:id="_QgPzcSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1REgic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedParameter>
</ownedOperation>
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        <details xmi:id="_QgPzdSdCEem8L7GnWj511Q" key="The" value=""/>
        <details xmi:id="_QgPzdidCEem8L7GnWj511Q" key="ImageView" value=""/>
        <details xmi:id="_QgPzdydCEem8L7GnWj511Q" key="object" value=""/>
        <details xmi:id="_QgPzeCdCEem8L7GnWj511Q" key="currently" value=""/>
        <details xmi:id="_QgPzeSdCEem8L7GnWj511Q" key="in" value=""/>
        <details xmi:id="_QgQXgCdCEem8L7GnWj511Q" key="use" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgQXgSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1REgyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgQXgydCEem8L7GnWj511Q" body="@return The
ImageView object currently in use">
        <eAnnotations xmi:id="_QgQXhCdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1REiyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
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            </eAnnotations>
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        </upperValue>
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value="_m1REjyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgQXkidCEem8L7GnWj511Q" body="Sets the music var

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to false and chooses the right menu image based onwhether or not the SFX is on
or off">
    <eAnnotations xmi:id="_QgQXkydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1REkCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
</ownedComment>
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value="_m1REkSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
</ownedParameter>
</ownedOperation>
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visibility="public">
    <eAnnotations xmi:id="_QgQXmSdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1REkic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgQXmydCEem8L7GnWj51lQ" body="Sets the SFX var to
false and chooses the right menu image based onwhether or not the music is on or
off">
        <eAnnotations xmi:id="_QgQXnCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1REkyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
    <ownedParameter xmi:id="_QgQXnidCEem8L7GnWj51lQ" direction="return">
        <eAnnotations xmi:id="_QgQXnydCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQXoCdCEem8L7GnWj51lQ" key="uuid"
value="_m1RElCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedParameter>
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visibility="public">
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value="_m1RElSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgQXpCdCEem8L7GnWj51lQ" body="Sets the music var
to true and chooses the right menu image based onwhether or not the SFX is on or
off">
        <eAnnotations xmi:id="_QgQXpSdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1RElic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
    <ownedParameter xmi:id="_QgQXpydCEem8L7GnWj51lQ" direction="return">
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value="_m1RElyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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visibility="public">
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value="_m1RrACc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgQXrSdCEem8L7GnWj51lQ" body="Sets the SFX var to
true and chooses the right menu image based onwhether or not the music is on or

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off">
    <eAnnotations xmi:id="_QgQXridCEem8L7GnWj511Q" source="genmymodel">
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value="_m1RrAsc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
</ownedComment>
    <ownedParameter xmi:id="_QgQXsCdCEem8L7GnWj511Q" direction="return">
        <eAnnotations xmi:id="_QgQXsSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1RrAic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedParameter>
</ownedOperation>
</packagedElement>
    <packagedElement xsi:type="uml:Class" xmi:id="_QgQXsydCEem8L7GnWj511Q"
name="MenuManager">
        <eAnnotations xmi:id="_QgQXtCdCEem8L7GnWj511Q" source="author">
            <details xmi:id="_QgQXtSdCEem8L7GnWj511Q" key="Timothy" value=""/>
        </eAnnotations>
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value="_m1RrAyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgQXuCdCEem8L7GnWj511Q" body="@author Timothy">
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value="_m1RrBic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
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visibility="private" isUnique="false">
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value="_m1RrByc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/String"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgQXvidCEem8L7GnWj511Q">
                <eAnnotations xmi:id="_QgQXvydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1RrCCc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
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                <eAnnotations xmi:id="_QgQXwidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1RrCSc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedAttribute>
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name="currentlyDisplaying" visibility="private" isUnique="false">
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value="_m1RrCic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Boolean"/>
            <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgQXxydCEem8L7GnWj511Q">
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value="_m1RrCyc9EemVJ-LgVHoDQQ"/>
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</lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgQXyidCEem8L7GnWj511Q" value="*">
    <eAnnotations xmi:id="_QgQXyydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1RrDCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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        </eAnnotations>
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xmi:id="_QgQZASdCEem8L7GnWj51lQ">
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        </lowerValue>
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value="_m1RrgCc9EemVJ-LgVHoDQQ"/>
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        </upperValue>
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value="_m1RrgSc9EemVJ-LgVHoDQQ"/>
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        </eAnnotations>

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        </lowerValue>
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            </eAnnotations>
        </upperValue>
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value="_m1RrhCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1RrhSc9EemVJ-LgVHoDQQ"/>
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value="_m1Rrhic9EemVJ-LgVHoDQQ"/>
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        </eAnnotations>
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            </eAnnotations>
        </lowerValue>
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        </upperValue>
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        </eAnnotations>
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        <details xmi:id="_QgQZJydCEem8L7GnWj511Q" key="uuid"
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    </upperValue>
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    </eAnnotations>
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    </eAnnotations>
    </upperValue>
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    </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Boolean"/>
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    </eAnnotations>
    </lowerValue>
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value="_m1SSGSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </upperValue>
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value="_m1SSGic9EemVJ-LgVHoDQQ"/>

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        </eAnnotations>
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            </eAnnotations>
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            </eAnnotations>
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        </eAnnotations>
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            </eAnnotations>
        </ownedParameter>
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            </lowerValue>
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            </upperValue>
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            <details xmi:id="_QgQZWidCEem8L7GnWj511Q" key="line" value=""/>
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        </eAnnotations>
    </ownedOperation>

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        </eAnnotations>
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            </eAnnotations>
        </ownedComment>
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            </eAnnotations>
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value="_m1SSLcc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
            <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgQZaidCEem8L7GnWj511Q" value="*">
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value="_m1SSLSc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
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        </eAnnotations>
        <eAnnotations xmi:id="_QgQZcCdCEem8L7GnWj511Q" source="return"/>
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        </eAnnotations>
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body="@paramobj&#xA;@return">
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        <details xmi:id="_QgQZiidCEem8L7GnWj511Q" key="filename" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgQZiydCEem8L7GnWj511Q" source="return"/>
    <eAnnotations xmi:id="_QgQZjCdCEem8L7GnWj511Q" source="genmymodel">
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    </eAnnotations>
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#xA;@paramplayArea&#xA;@return">
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            <details xmi:id="_QgQaOSdCEem8L7GnWj511Q" key="uuid"
value="_m1SSfyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgQaOidCEem8L7GnWj511Q"
body="@paramsrcName&#xA;@paramdestName&#xA;@return">
            <eAnnotations xmi:id="_QgQaOydCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgQaPCdCEem8L7GnWj511Q" key="uuid"
value="_m1SShSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgQaPSdCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgQaPidCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgQaPydCEem8L7GnWj511Q" key="uuid"
value="_m1SShic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>

```

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        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Boolean"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgQaQCdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQaQSdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQaQidCEem8L7GnWj51lQ" key="uuid"
value="_m1SShyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgQaQydCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQaRCdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQaRSdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSiCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgQaRidCEem8L7GnWj51lQ" name="srcName">
        <eAnnotations xmi:id="_QgQaRydCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQaSCdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSiSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//String"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgQaSSdCEem8L7GnWj51lQ">
            <eAnnotations xmi:id="_QgQ-kCdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ-kSdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSiic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
kidCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQ-kydCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ-lCdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSiyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgQ-lSdCEem8L7GnWj51lQ" name="destName">
        <eAnnotations xmi:id="_QgQ-lidCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQ-lydCEem8L7GnWj51lQ" key="uuid"
value="_m1SSjCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//String"/>
        <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
mCdCEem8L7GnWj51lQ">
            <eAnnotations xmi:id="_QgQ-mSdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ-midCEem8L7GnWj51lQ" key="uuid"
value="_m1SSjSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
mydCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQ-nCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1SSjic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>
    <ownedOperation xmi:id="_QgQ-nidCEem8L7GnWj51lQ" name="getScores"
visibility="private" isStatic="true">

```

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        <eAnnotations xmi:id="_QgQ-nydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1SSjyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedParameter xmi:id="_QgQ-oSdCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgQ-oidCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgQ-oydCEem8L7GnWj511Q" key="uuid"
value="_m1SSkCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
    </ownedOperation>
    <ownedOperation xmi:id="_QgQ-pCdCEem8L7GnWj511Q" name="readDecodedFile"
visibility="public" isStatic="true">
        <eAnnotations xmi:id="_QgQ-pSdCEem8L7GnWj511Q" source="param">
            <details xmi:id="_QgQ-pidCEem8L7GnWj511Q" key="fileName" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgQ-pydCEem8L7GnWj511Q" source="return"/>
        <eAnnotations xmi:id="_QgQ-qCdCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_QgQ-qSdCEem8L7GnWj511Q" key="uuid"
value="_m1SSkSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgQ-qidCEem8L7GnWj511Q"
body="@paramfileName&#xA;@return">
            <eAnnotations xmi:id="_QgQ-qydCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgQ-rCdCEem8L7GnWj511Q" key="uuid"
value="_m1SSLSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgQ-rSdCEem8L7GnWj511Q" direction="return">
            <eAnnotations xmi:id="_QgQ-ridCEem8L7GnWj511Q" source="genmymodel">
                <details xmi:id="_QgQ-rydCEem8L7GnWj511Q" key="uuid"
value="_m1SSlic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
            <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
sCdCEem8L7GnWj511Q" value="1">
                <eAnnotations xmi:id="_QgQ-sSdCEem8L7GnWj511Q" source="genmymodel">
                    <details xmi:id="_QgQ-sidCEem8L7GnWj511Q" key="uuid"
value="_m1SSLyc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
            <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
sydCEem8L7GnWj511Q" value="1">
                <eAnnotations xmi:id="_QgQ-tCdCEem8L7GnWj511Q" source="genmymodel">
                    <details xmi:id="_QgQ-tSdCEem8L7GnWj511Q" key="uuid"
value="_m1SSmCc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
        </ownedParameter>
        <ownedParameter xmi:id="_QgQ-tidCEem8L7GnWj511Q" name="fileName">
            <eAnnotations xmi:id="_QgQ-tydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1SSmSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
            <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/String"/>
            <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
uSdCEem8L7GnWj511Q">
                <eAnnotations xmi:id="_QgQ-uidCEem8L7GnWj511Q" source="genmymodel">
                    <details xmi:id="_QgQ-uydCEem8L7GnWj511Q" key="uuid"
value="_m1SSmic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>

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        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
vCdCEem8L7GnWj51lQ" value="1">
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                <details xmi:id="_QgQ-vidCEem8L7GnWj51lQ" key="uuid"
value="_m1SSmyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>
<ownedOperation xmi:id="_QgQ-vydCEem8L7GnWj51lQ" name="distanceToPoint"
visibility="public">
    <eAnnotations xmi:id="_QgQ-wCdCEem8L7GnWj51lQ" source="param">
        <details xmi:id="_QgQ-wSdCEem8L7GnWj51lQ" key="targetXPos" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgQ-widCEem8L7GnWj51lQ" source="param">
        <details xmi:id="_QgQ-wydCEem8L7GnWj51lQ" key="targetYPos" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgQ-xCdCEem8L7GnWj51lQ" source="param">
        <details xmi:id="_QgQ-xSdCEem8L7GnWj51lQ" key="selfX" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgQ-xidCEem8L7GnWj51lQ" source="param">
        <details xmi:id="_QgQ-xydCEem8L7GnWj51lQ" key="selfY" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgQ-yCdCEem8L7GnWj51lQ" source="return"/>
    <eAnnotations xmi:id="_QgQ-ySdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgQ-yidCEem8L7GnWj51lQ" key="uuid"
value="_m1SSnCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgQ-yydCEem8L7GnWj51lQ"
body="@paramtargetXPos&#xA;@paramtargetYPos&#xA;@paramselfX&#xA;@paramselfY&#xA;
@return">
        <eAnnotations xmi:id="_QgQ-zCdCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQ-zSdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSpic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
    <ownedParameter xmi:id="_QgQ-zidCEem8L7GnWj51lQ" direction="return">
        <eAnnotations xmi:id="_QgQ-zydCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQ-0CdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSpyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
0SdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQ-0idCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ-0ydCEem8L7GnWj51lQ" key="uuid"
value="_m1SSqCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
1CdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQ-1SdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ-1idCEem8L7GnWj51lQ" key="uuid"
value="_m1SSqSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgQ-1ydCEem8L7GnWj51lQ" name="targetXPos">
        <eAnnotations xmi:id="_QgQ-2CdCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQ-2SdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSqic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"

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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
2idCEem8L7GnWj51lQ" value="1">
    <eAnnotations xmi:id="_QgQ-2ydCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_QgQ-3CdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSqyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
3SdCEem8L7GnWj51lQ" value="1">
    <eAnnotations xmi:id="_QgQ-3idCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_QgQ-3ydCEem8L7GnWj51lQ" key="uuid"
value="_m1SSrCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
<ownedParameter xmi:id="_QgQ-4CdCEem8L7GnWj51lQ" name="targetYPos">
  <eAnnotations xmi:id="_QgQ-4SdCEem8L7GnWj51lQ" source="genmymodel">
    <details xmi:id="_QgQ-4idCEem8L7GnWj51lQ" key="uuid"
value="_m1SSrSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
4ydCEem8L7GnWj51lQ" value="1">
      <eAnnotations xmi:id="_QgQ-5CdCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgQ-5SdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSric9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
5idCEem8L7GnWj51lQ" value="1">
      <eAnnotations xmi:id="_QgQ-5ydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgQ-6CdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSryc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedParameter>
  <ownedParameter xmi:id="_QgQ-6SdCEem8L7GnWj51lQ" name="selfX">
    <eAnnotations xmi:id="_QgQ-6idCEem8L7GnWj51lQ" source="genmymodel">
      <details xmi:id="_QgQ-6ydCEem8L7GnWj51lQ" key="uuid"
value="_m1SSsCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
      <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
7CdCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgQ-7SdCEem8L7GnWj51lQ" source="genmymodel">
          <details xmi:id="_QgQ-7idCEem8L7GnWj51lQ" key="uuid"
value="_m1SSsSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
      </lowerValue>
      <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ-
7ydCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgQ-8CdCEem8L7GnWj51lQ" source="genmymodel">
          <details xmi:id="_QgQ-8SdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSsic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
      </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgQ-8idCEem8L7GnWj51lQ" name="selfY">
      <eAnnotations xmi:id="_QgQ-8ydCEem8L7GnWj51lQ" source="genmymodel">
        <details xmi:id="_QgQ-9CdCEem8L7GnWj51lQ" key="uuid"
value="_m1SSICc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </ownedParameter>
  </type>

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        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger" xmi:id="_QgQ-
9SdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQ-9idCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ-9ydCEem8L7GnWj51lQ" key="uuid"
value="_m1S5ISc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural" xmi:id="_QgQ--
CdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgQ--SdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ--idCEem8L7GnWj51lQ" key="uuid"
value="_m1S5Iic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
</ownedOperation>
    <ownedOperation xmi:id="_QgQ--ydCEem8L7GnWj51lQ" name="AI"
visibility="public" isStatic="true">
        <eAnnotations xmi:id="_QgQ-_CdCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQ-_SdCEem8L7GnWj51lQ" key="uuid"
value="_m1S5Iyc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgQ-_idCEem8L7GnWj51lQ">
            <eAnnotations xmi:id="_QgQ-_ydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1S5JCC9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgQ_ASdCEem8L7GnWj51lQ" direction="return">
            <eAnnotations xmi:id="_QgQ_AidCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1S5JSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
    </ownedOperation>
    <ownedOperation xmi:id="_QgQ_BCdCEem8L7GnWj51lQ" name="checkFileExists"
visibility="public" isStatic="true">
        <eAnnotations xmi:id="_QgQ_BSdCEem8L7GnWj51lQ" source="param">
            <details xmi:id="_QgQ_BidCEem8L7GnWj51lQ" key="filename" value=""/>
        </eAnnotations>
        <eAnnotations xmi:id="_QgQ_BydCEem8L7GnWj51lQ" source="return"/>
        <eAnnotations xmi:id="_QgQ_CCdCEem8L7GnWj51lQ" source="genmymodel">
            <details xmi:id="_QgQ_CSdCEem8L7GnWj51lQ" key="uuid"
value="_m1S5Jic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <ownedComment xmi:id="_QgQ_CidCEem8L7GnWj51lQ"
body="@paramfilename&#xA;@return">
            <eAnnotations xmi:id="_QgQ_CydCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1S5Kic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedComment>
        <ownedParameter xmi:id="_QgQ_DSdCEem8L7GnWj51lQ" direction="return">
            <eAnnotations xmi:id="_QgQ_DidCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgQ_DydCEem8L7GnWj51lQ" key="uuid"
value="_m1S5Kyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Boolean"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgQ_ECdCEem8L7GnWj51lQ" value="1">

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        <eAnnotations xmi:id="_QgQ_ESdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1S5LCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgQ_EydCEem8L7GnWj51lQ" value="1">
        <eAnnotations xmi:id="_QgQ_FCdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1S5LSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedParameter>
<ownedParameter xmi:id="_QgQ_FidCEem8L7GnWj51lQ" name="filename">
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visibility="public" isStatic="true">
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                    <eAnnotations xmi:id="_QgQ_tCdCEem8L7GnWj511Q" source="param">
                        <details xmi:id="_QgQ_tSdCEem8L7GnWj511Q" key="newFilename" value=""/>
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                    <eAnnotations xmi:id="_QgQ_tidCEem8L7GnWj511Q" source="param">
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value="_m1S5cSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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body="@paramfilename&#xA;@paramnewFilename&#xA;@paramaddFilename&#xA;@paramxPos&
#xA;@paramyPos&#xA;@return">
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value="_m1S5fSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
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value="_m1S5fic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1S5fyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
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xmi:id="_QgQ_yCdCEem8L7GnWj51lQ" value="1">
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value="_m1S5gCc9EemVJ-LgVHoDQQ"/>
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value="_m1S5gSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/String"/>
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xmi:id="_QgQ_zidCEem8L7GnWj51lQ">
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value="_m1S5gic9EemVJ-LgVHoDQQ"/>
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        </lowerValue>
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value="_m1S5gyc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
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        </eAnnotations>

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value="_m1S5hSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </lowerValue>
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value="_m1S5hic9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
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value="_m1S5iCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </lowerValue>
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value="_m1S5iSc9EemVJ-LgVHoDQQ"/>
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        </eAnnotations>
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        </eAnnotations>
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value="_m1S5jSc9EemVJ-LgVHoDQQ"/>
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    </ownedOperation>
    </packagedElement>
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    </eAnnotations>
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    </eAnnotations>
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    </eAnnotations>
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    </eAnnotations>
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  </eAnnotations>
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</upperValue>
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  </eAnnotations>
</lowerValue>
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  </eAnnotations>
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  </eAnnotations>

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        </lowerValue>
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        </upperValue>
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        </eAnnotations>
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        </upperValue>
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value="_m1S5qic9EemVJ-LgVHoDQQ"/>
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    </eAnnotations>
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    </eAnnotations>
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</ownedAttribute>
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value="_m1S5sCc9EemVJ-LgVHoDQQ"/>
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    </ownedComment>
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value="_m1S5sSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedParameter>
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value="_m1S5sic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    </lowerValue>
    <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgRAVydCEem8L7GnWj511Q" value="1">
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value="_m1S5syc9EemVJ-LgVHoDQQ"/>
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    </upperValue>
</ownedParameter>
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visibility="public">
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    </eAnnotations>

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value="_m1S5tyc9EemVJ-LgVHoDQQ"/>
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        </ownedComment>
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value="_m1S5uCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
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value="_m1S5uSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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value="_m1S5uic9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </lowerValue>
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xmi:id="_QgRlSdCEem8L7GnWj511Q" value="1">
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value="_m1S5uyc9EemVJ-LgVHoDQQ"/>
                </eAnnotations>
            </upperValue>
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value="_m1S5vSc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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value="_m1TgMCc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </ownedParameter>
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value="_m1TgMic9EemVJ-LgVHoDQQ"/>
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    </ownedParameter>
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        </eAnnotations>
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value="_m1TgOcc9EemVJ-LgVHoDQQ"/>
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        </ownedComment>
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visibility="public">
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value="_m1TgOic9EemVJ-LgVHoDQQ"/>
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            </eAnnotations>
        </ownedParameter>
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        </eAnnotations>
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            </eAnnotations>
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value="_m1UHZCc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgRl8SdCEem8L7GnWj51lQ" value="1">
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value="_m1UHZSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedAttribute>
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value="_m1UHZic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
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xmi:id="_QgRl9ydCEem8L7GnWj51lQ" value="1">
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value="_m1UHZyc9EemVJ-LgVHoDQQ"/>
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value="_m1UHaCc9EemVJ-LgVHoDQQ"/>
      </eAnnotations>
    </upperValue>
  </ownedAttribute>
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visibility="private" isLeaf="true" isReadOnly="true">
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value="_m1UHaSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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xmi:id="_QgRmACdCEem8L7GnWj51lQ" value="1">
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        </eAnnotations>
      </lowerValue>
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value="_m1UHayc9EemVJ-LgVHoDQQ"/>
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  </eAnnotations>
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value="_m1UHbSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
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value="_m1UHbic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
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visibility="private" type="_QgRoiSdCEem8L7GnWj511Q">
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value="_m1UHbyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
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value="_m1UHcCc9EemVJ-LgVHoDQQ"/>
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    </lowerValue>
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    </eAnnotations>
    <eAnnotations xmi:id="_QgRmGydCEem8L7GnWj511Q" source="param">
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    <eAnnotations xmi:id="_QgRmHSdCEem8L7GnWj511Q" source="param">
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  </ownedOperation>

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<details xmi:id="_QgRndydCEem8L7GnWj511Q" key="bounds," value=""/>
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value="_m1UueCc9EemVJ-LgVHoDQQ"/>
</eAnnotations>
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stored in the grid at (xPos, yPos). If xPos or yPos isout of bounds, returns -
1">
  <eAnnotations xmi:id="_QgRnfSdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1UujCc9EemVJ-LgVHoDQQ"/>
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</ownedComment>
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value="_m1UujSc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgRngidCEem8L7GnWj511Q" value="1">
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value="_m1Uujic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgRnhSdCEem8L7GnWj511Q" value="1">
    <eAnnotations xmi:id="_QgRnhidCEem8L7GnWj511Q" source="genmymodel">
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value="_m1Uujyc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
<ownedParameter xmi:id="_QgRniCdCEem8L7GnWj511Q" name="xPos">
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value="_m1UukCc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgRniydCEem8L7GnWj511Q" value="1">
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value="_m1UukSc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgRnjidCEem8L7GnWj511Q" value="1">
    <eAnnotations xmi:id="_QgRnjydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1Uukic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
<ownedParameter xmi:id="_QgRnkSdCEem8L7GnWj511Q" name="yPos">
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        <details xmi:id="_QgRnkydCEem8L7GnWj511Q" key="uuid"
value="_m1Uukyc9EemVJ-LgVHoDQQ"/>
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgRn1CdCEem8L7GnWj511Q" value="1">
        <eAnnotations xmi:id="_QgRn1SdCEem8L7GnWj511Q" source="genmymodel">
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value="_m1UulCc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </lowerValue>
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value="_m1UulSc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedParameter>
</ownedOperation>
<ownedOperation xmi:id="_QgRnmidCEem8L7GnWj511Q" name="getNeighbors"
visibility="package">
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        <details xmi:id="_QgRnnCdCEem8L7GnWj511Q" key="the" value=""/>
        <details xmi:id="_QgRnnSdCEem8L7GnWj511Q" key="number" value=""/>
        <details xmi:id="_QgRnnidCEem8L7GnWj511Q" key="of" value=""/>
        <details xmi:id="_QgRnnydCEem8L7GnWj511Q" key="occupied" value=""/>
        <details xmi:id="_QgRnoCdCEem8L7GnWj511Q" key="spaces" value=""/>
        <details xmi:id="_QgRnoSdCEem8L7GnWj511Q" key="matching" value=""/>
        <details xmi:id="_QgRnoidCEem8L7GnWj511Q" key="param" value=""/>
        <details xmi:id="_QgRnoydCEem8L7GnWj511Q" key="type" value=""/>
        <details xmi:id="_QgRnpCdCEem8L7GnWj511Q" key="near" value=""/>
        <details xmi:id="_QgRnpSdCEem8L7GnWj511Q" key="(x," value=""/>
        <details xmi:id="_QgRnpidCEem8L7GnWj511Q" key="y)" value=""/>
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    <eAnnotations xmi:id="_QgRnpydCEem8L7GnWj511Q" source="param">
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        <details xmi:id="_QgRnqSdCEem8L7GnWj511Q" key="the" value=""/>
        <details xmi:id="_QgRnqidCEem8L7GnWj511Q" key="component" value=""/>
        <details xmi:id="_QgRnqydCEem8L7GnWj511Q" key="of" value=""/>
        <details xmi:id="_QgRnrCdCEem8L7GnWj511Q" key="chosen" value=""/>
        <details xmi:id="_QgRnrSdCEem8L7GnWj511Q" key="space" value=""/>
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    <eAnnotations xmi:id="_QgRnridCEem8L7GnWj511Q" source="param">
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        <details xmi:id="_QgRnsCdCEem8L7GnWj511Q" key="the" value=""/>
        <details xmi:id="_QgRnsSdCEem8L7GnWj511Q" key="component" value=""/>
        <details xmi:id="_QgRnsidCEem8L7GnWj511Q" key="of" value=""/>
        <details xmi:id="_QgRnsydCEem8L7GnWj511Q" key="chosen" value=""/>
        <details xmi:id="_QgRntCdCEem8L7GnWj511Q" key="space" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgRntSdCEem8L7GnWj511Q" source="param">
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        <details xmi:id="_QgRntydCEem8L7GnWj511Q" key="the" value=""/>
        <details xmi:id="_QgRnuCdCEem8L7GnWj511Q" key="spaces" value=""/>
        <details xmi:id="_QgRnuSdCEem8L7GnWj511Q" key="which" value=""/>
        <details xmi:id="_QgRnuidCEem8L7GnWj511Q" key="contain" value=""/>
        <details xmi:id="_QgRnuydCEem8L7GnWj511Q" key="an" value=""/>
        <details xmi:id="_QgRnvCdCEem8L7GnWj511Q" key="int" value=""/>
        <details xmi:id="_QgRnvSdCEem8L7GnWj511Q" key="matching" value=""/>
        <details xmi:id="_QgRnvidCEem8L7GnWj511Q" key="will" value=""/>
        <details xmi:id="_QgRnvdydCEem8L7GnWj511Q" key="be" value=""/>
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</eAnnotations>
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  <details xmi:id="_QgRnwydCEem8L7GnWj511Q" key="the" value=""/>
  <details xmi:id="_QgRnxCdCEem8L7GnWj511Q" key="number" value=""/>
  <details xmi:id="_QgRnxSdCEem8L7GnWj511Q" key="of" value=""/>
  <details xmi:id="_QgRnxidCEem8L7GnWj511Q" key="spaces" value=""/>
  <details xmi:id="_QgRnxydCEem8L7GnWj511Q" key="out" value=""/>
  <details xmi:id="_QgRnyCdCEem8L7GnWj511Q" key="from" value=""/>
  <details xmi:id="_QgRnySdCEem8L7GnWj511Q" key="initial," value=""/>
  <details xmi:id="_QgRnyidCEem8L7GnWj511Q" key="e.g." value=""/>
  <details xmi:id="_QgRnyydCEem8L7GnWj511Q" key="a" value=""/>
  <details xmi:id="_QgRnzcCEem8L7GnWj511Q" key="one" value=""/>
  <details xmi:id="_QgRnzSdCEem8L7GnWj511Q" key="will" value=""/>
  <details xmi:id="_QgRnzidCEem8L7GnWj511Q" key="count" value=""/>
  <details xmi:id="_QgRnzydCEem8L7GnWj511Q" key="squares" value=""/>
  <details xmi:id="_QgRn0CdCEem8L7GnWj511Q" key="in" value=""/>
  <details xmi:id="_QgRn0SdCEem8L7GnWj511Q" key="3x3" value=""/>
  <details xmi:id="_QgRn0idCEem8L7GnWj511Q" key="box" value=""/>
  <details xmi:id="_QgRn0ydCEem8L7GnWj511Q" key="excluding" value=""/>
  <details xmi:id="_QgRn1CdCEem8L7GnWj511Q" key="middle" value=""/>
  <details xmi:id="_QgRn1SdCEem8L7GnWj511Q" key="square" value=""/>
</eAnnotations>
<eAnnotations xmi:id="_QgRn1idCEem8L7GnWj511Q" source="genmymodel">
  <details xmi:id="_QgRn1ydCEem8L7GnWj511Q" key="uuid"
value="_m1Uu1ic9EemVJ-LgVHoDQQ"/>
</eAnnotations>
<ownedComment xmi:id="_QgRn2CdCEem8L7GnWj511Q" body="@return the number
of occupied spaces matching param type near (x, y)&#xA;@paramx the x component
of the chosen space&#xA;@paramy the y component of the chosen
space&#xA;@paramtype the spaces which contain an int matching type will be
counted&#xA;@paramradius the number of spaces out from the initial, e.g. a
radius ofone will count squares in a 3x3 box excluding the middle square">
  <eAnnotations xmi:id="_QgRn2SdCEem8L7GnWj511Q" source="genmymodel">
    <details xmi:id="_QgRn2idCEem8L7GnWj511Q" key="uuid"
value="_m1Uu0ic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
</ownedComment>
<ownedParameter xmi:id="_QgRn2ydCEem8L7GnWj511Q" direction="return">
  <eAnnotations xmi:id="_QgRn3CdCEem8L7GnWj511Q" source="genmymodel">
    <details xmi:id="_QgRn3SdCEem8L7GnWj511Q" key="uuid"
value="_m1Uu0yc9EemVJ-LgVHoDQQ"/>
  </eAnnotations>
  <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#//Integer"/>
  <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgRn3idCEem8L7GnWj511Q" value="1">
    <eAnnotations xmi:id="_QgRn3ydCEem8L7GnWj511Q" source="genmymodel">
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value="_m1Uu1Cc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </lowerValue>
  <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgRn4SdCEem8L7GnWj511Q" value="1">
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value="_m1Uu1Sc9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
  </upperValue>
</ownedParameter>
<ownedParameter xmi:id="_QgRn5CdCEem8L7GnWj511Q" name="x">
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value="_m1Uu1ic9EemVJ-LgVHoDQQ"/>
  </eAnnotations>

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xmi:id="_QgRn5ydCEem8L7GnWj51lQ" value="1">
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value="_m1Uu1yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgRn6idCEem8L7GnWj51lQ" value="1">
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value="_m1Uu2Cc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgRn7SdCEem8L7GnWj51lQ" name="y">
        <eAnnotations xmi:id="_QgRn7idCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Uu2Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
        <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgRn8CdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgRn8SdCEem8L7GnWj51lQ" source="genmymodel">
                <details xmi:id="_QgRn8idCEem8L7GnWj51lQ" key="uuid"
value="_m1Uu2ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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            <eAnnotations xmi:id="_QgRn9CdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Uu2yc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
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    </ownedParameter>
    <ownedParameter xmi:id="_QgRn9idCEem8L7GnWj51lQ" name="type">
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value="_m1Uu3Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
        <type xsi:type="uml:PrimitiveType"
href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
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SdCEem8L7GnWj51lQ" value="1">
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value="_m1Uu3Sc9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </lowerValue>
        <upperValue xsi:type="uml:LiteralUnlimitedNatural"
xmi:id="_QgRn-CdCEem8L7GnWj51lQ" value="1">
            <eAnnotations xmi:id="_QgRn-SdCEem8L7GnWj51lQ" source="genmymodel">
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value="_m1Uu3ic9EemVJ-LgVHoDQQ"/>
            </eAnnotations>
        </upperValue>
    </ownedParameter>
    <ownedParameter xmi:id="_QgRn-ydCEem8L7GnWj51lQ" name="radius">
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href="pathmap://UML_LIBRARIES/UMLPrimitiveTypes.library.uml#/Integer"/>
    <lowerValue xsi:type="uml:LiteralInteger"
xmi:id="_QgRoAidCEem8L7GnWj511Q" value="1">
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value="_m1Uu4Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </lowerValue>
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xmi:id="_QgRoBSdCEem8L7GnWj511Q" value="1">
        <eAnnotations xmi:id="_QgRoBidCEem8L7GnWj511Q" source="genmymodel">
            <details xmi:id="_QgRoBydCEem8L7GnWj511Q" key="uuid"
value="_m1Uu4Sc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </upperValue>
</ownedParameter>
</ownedOperation>
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visibility="package">
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        <details xmi:id="_QgRoCidCEem8L7GnWj511Q" key="getNeighbors(int"
value=""/>
        <details xmi:id="_QgRoCydCEem8L7GnWj511Q" key="x," value=""/>
        <details xmi:id="_QgRoDCdCEem8L7GnWj511Q" key="int" value=""/>
        <details xmi:id="_QgRoDSdCEem8L7GnWj511Q" key="y," value=""/>
        <details xmi:id="_QgRoDidCEem8L7GnWj511Q" key="type," value=""/>
        <details xmi:id="_QgRoDydCEem8L7GnWj511Q" key="radius);" value=""/>
    </eAnnotations>
    <eAnnotations xmi:id="_QgRoECdCEem8L7GnWj511Q" source="return">
        <details xmi:id="_QgRoESdCEem8L7GnWj511Q" key="same" value=""/>
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        <details xmi:id="_QgRoEydCEem8L7GnWj511Q" key="getNeighbors(int"
value=""/>
        <details xmi:id="_QgRoFCdCEem8L7GnWj511Q" key="x," value=""/>
        <details xmi:id="_QgRoFSdCEem8L7GnWj511Q" key="int" value=""/>
        <details xmi:id="_QgRoFidCEem8L7GnWj511Q" key="y," value=""/>
        <details xmi:id="_QgRoFydCEem8L7GnWj511Q" key="type," value=""/>
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        <details xmi:id="_QgRoGSdCEem8L7GnWj511Q" key="but" value=""/>
        <details xmi:id="_QgRoGidCEem8L7GnWj511Q" key="with" value=""/>
        <details xmi:id="_QgRoGydCEem8L7GnWj511Q" key="implied" value=""/>
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    <eAnnotations xmi:id="_QgRoHidCEem8L7GnWj511Q" source="genmymodel">
        <details xmi:id="_QgRoHydCEem8L7GnWj511Q" key="uuid"
value="_m1Uu4ic9EemVJ-LgVHoDQQ"/>
    </eAnnotations>
    <ownedComment xmi:id="_QgRoICdCEem8L7GnWj511Q" body="@see
getNeighbors(int x, int y, int type, int radius);&#xA;@return same as
getNeighbors(int x, int y, int type, int radius), butwith implied radius 1">
        <eAnnotations xmi:id="_QgRoISdCEem8L7GnWj511Q" source="genmymodel">
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Cc9EemVJ-LgVHoDQQ"/>
        </eAnnotations>
    </ownedComment>
    <ownedParameter xmi:id="_QgRoIydCEem8L7GnWj511Q" direction="return">
        <eAnnotations xmi:id="_QgRoJCdCEem8L7GnWj511Q" source="genmymodel">
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        </eAnnotations>
    </ownedParameter>

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        </eAnnotations>
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