```
PathNode
- mX coord
- mZ coord
- mld
- mG val
- mH val
+ PathNode()
+ PathNode()
                     -mParent
+ ~PathNode()
+ SetXcoord()
+ SetZcoord()
+ SetId()
+ SetParent()
+ SetGval()
+ SetHval()
```

+ GetXcoord() and 7 more...