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com.george.als.utils

Class AStarPathFinder

java.lang.Object
└─ com.george.als.utils.AStarPathFinder

```
public class AStarPathFinder  
extends java.lang.Object
```

This class is used to calulcate a path from one point to another It implements the A start path finding algorithm shown in findPath The algorithm returns a list of nodes which a bug can follow

Author:
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Constructor Summary

[AStarPathFinder](#)([Map](#) map)
Class constructor

Method Summary

java.util.ArrayList< Node >	findPath (int xs, int ys, int xe, int ye) Finds the path between to points
---	---

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

AStarPathFinder

```
public AStarPathFinder(Map map)
```

Class constructor

Parameters:
map - the current map being used

Method Detail

findPath

```
public java.util.ArrayList<Node> findPath(int xs,  
                                           int ys,  
                                           int xe,  
                                           int ye)
```

Finds the path between to points

Parameters:

`xs` - the x starting point

`ys` - the y starting point

`xe` - the x ending point

`ye` - the y ending point

Returns:

the list of nodes to get from A to B

See Also:

[Node](#)

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