



class: anglina Controller

Tao

method: 1. detect\_start ( ) {  
           return bool detection\_start;  
       }  
       2. report\_A\_B ( A.B ) {  
           return tne\_A , tne\_B;  
       }  
       3. tell\_colour ( colour ) {  
           }  
       4. game\_start ( ) {  
           return bool game\_start;  
       }

class: Lidarscan

Gao

method: 1. cal\_A\_B ( ) {  
           return A.B  
       }  
       2. pick\_puck ( bool LR ) {  
           }  
       3. cal\_tor\_boards ( tne\_A , tne\_B ) {  
           return: L-B R-B T-B B-B  
                   T-P  
       }

class: image

Wang

method: 1. detect\_colour ( ) {  
           return colour;  
       }  
       2. detecte\_puck ( colour ) {  
           return x,y  
       }  
       3. //at position near puck  
           puck\_right\_left ( ) {  
           return bool LR;  
       }

class: mae-turtlebot

method: 1. move\_to\_point ( x,y , 0 ) {  
           return bool reach-goal;  
       }

NOTE: string flag = " \_ "

global variables:

- Tor\_Pos
- Left\_Board
- Right\_Board
- Top\_Board
- Bottom\_Board