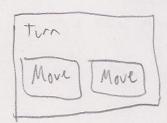




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- Moves (2) - Errors (lut of Strings) - Store / Store ID Game Rules

Board - Stones [] -width } vector 2 dimensions
-height -get Store (id) -get Store (vector2)

- transition Board (Game, Board, Turn): Board

- validate Turn (Come, Board, Turn): Turn (with errors)

Come (Gome Rules, Board)

- take Tim (two) : error strings

- game Roles - 600rd

AI Controller

- send Game State (froms), game) - get Next Move (press)

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Generally

Browser sends request

- Turn + SED

Server looks of SED, guts gone state
Validate turn, if cross send response with them

Transition board

Send new board to AE, gut turn response

Validate turn in

Transition board

Sove gome state w/SED

Respond w/new your state

Load site

Browser sents index request

Sover responses w/index + TS

Browser sents index request

Sever responds whindex + JS

JS:

If SID in VRL, request gamestate
- Else request new SEO & gamestate

FORWEST + (JSON) -> Engine jor -> (JSON) -> Nobel) 5

Ly (Jan) + AI. jor > (Jan) -> Engre jor -> (JAN) -> Node JS

Rusponse

```
List (Stone) get Stones Intersected (board, move) {
                                                                        11 plants code
    Int \times Adjust = (move, haloy, x) = 0? -1:1);
Int y Adjust = (move, haloy, y) = 0? -1:1);
                                                               - New Stanes arraylist
   while ( more healty x 1 = 0 | ( more, heading, y != 0) {
     5: board get Store (more origin + more heading);
      if (s!= nul) { stones add (s); }
      if (more heading, x != 0) { more heading, x += x Adjust }
     it (more, heading, y != 0) { marcheoling, y += yAdjust }
                           maybe flix is just 11 frontition board"
                                                        store doesn't have a position o
  return stones;
Vector 2 get stones New Position After Move (board, stone, move) {
      Verbor 2 step = new Verbor 2 (clamp(more, beading, x, -1, 1), ...)
      Il calculate first stones new position
      11 if on top, more other skne some direction
      11 it not done, repeat
      Vector 2 interpolate pos : new Voctor 2 ( move . origin);
            internationle Pos = internationle Pos + 5 top;
           if ( board, get Stone (intermediate for) != nett ) {
                board, mae stone (interhediate for + step)
                                                                    Il could hardle "border crossing"
            : [ (Intermediate Pos == more crisin + trace , heading) {
                break
```

Number of possible apoly haves: from bottom left: 16
From a given first (possive) more, active option: 4, 6, 8

```
# "type": "gareshite"

"payload": {

"board": "xxxx ... 0000", "paysond": {

"turn": "black", "origin": {

"turnNumbu": 3

}, "heading": {

"aggressive": {

"a
```

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