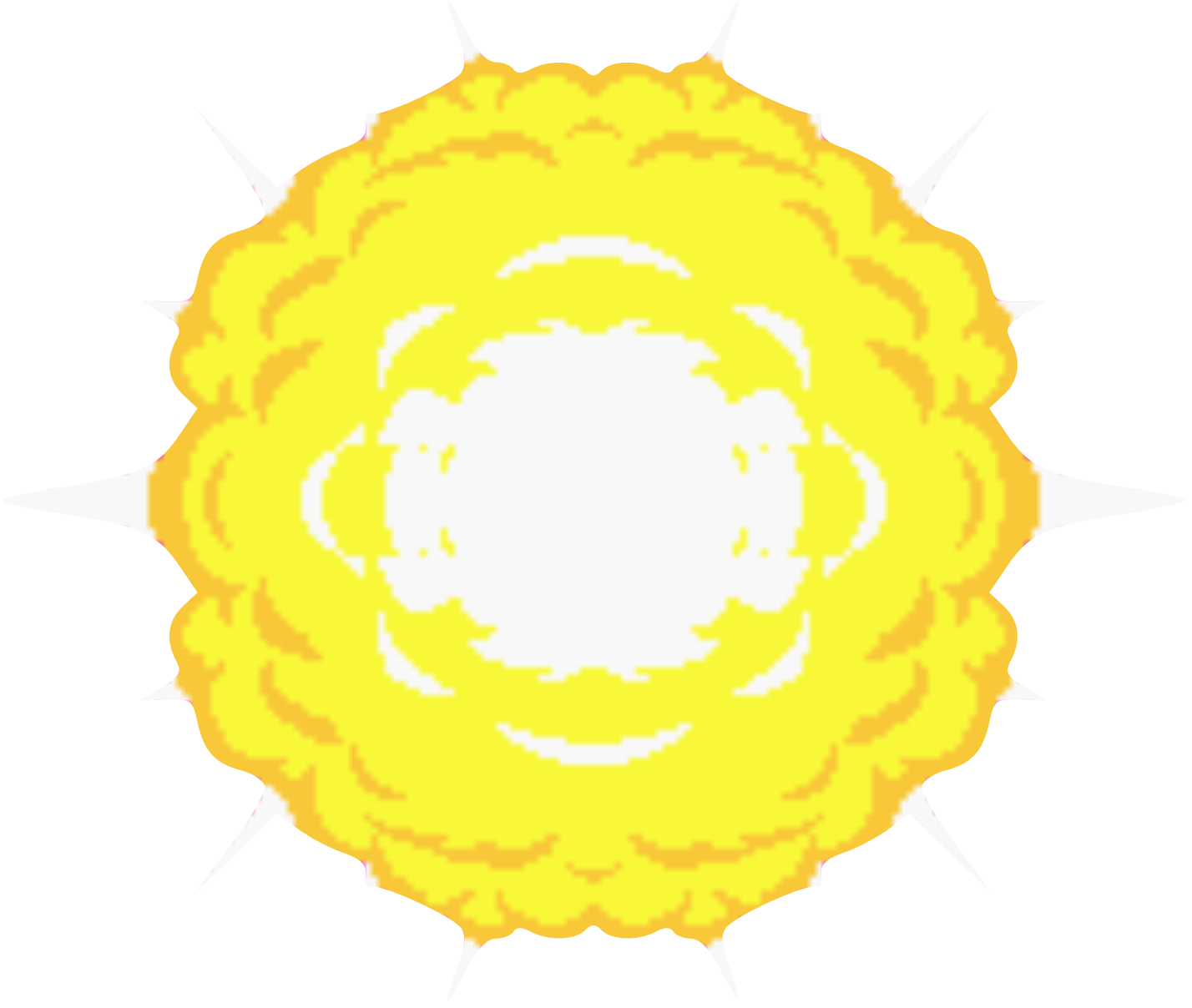
QUE SE PASSE-T-IL SI ON RÉCUPÈRE LES DIRECTIONS D'UNE LIB

LINK TO THE PATH

```
/**  lib tierce */
interface Direction{
    public int toInt();
};
class North implements Direction{
     public int toInt(){ return 1;};
};
class East implements Direction{
     public int toInt(){ return 2;};
};
class South implements Direction{
     public int toInt(){ return 3;};
};
class West implements Direction{
     public int toInt(){ return 4;};
};

/**  notre code */
interface DirectionImprove{
    public String toString();
};
class NorthImprove extends North implements DirectionImprove{
     public String toString(){ return "north";};
};
class EastImprove extends North implements DirectionImprove{
     public String toString(){ return "east";};
};
class SouthImprove extends North implements DirectionImprove{
     public String toString(){ return "south";};
};
class WestImprove extends North implements DirectionImprove{
     public String toString(){ return "west";};
};
```



We are stuck ! Assez joué avec Java. Malheureusement C#, Typescript ne font pas beaucoup mieux

MIAGE M2 - QUALITÉ DU SI - THOMAS HAESSLÉ

LINK TO THE PATH

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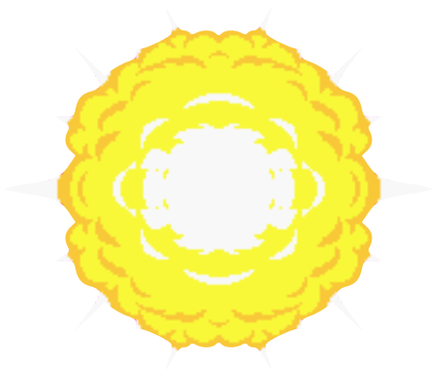

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};

/**  notre code */
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    public String toString();
};
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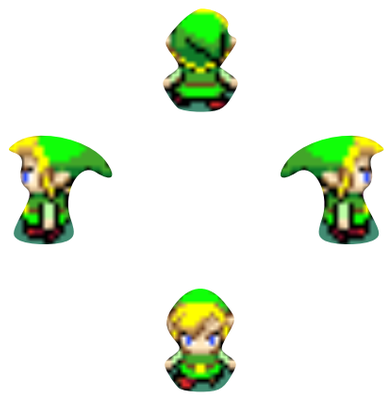
     public String toString(){ return "north";};
};
class EastImprove extends North implements DirectionImprove{
     public String toString(){ return "east";};
};
class SouthImprove extends North implements DirectionImprove{
     public String toString(){ return "south";};
};
class WestImprove extends North implements DirectionImprove{
     public String toString(){ return "west";};
};
```

LINK TO THE PATH

UTILISATION D'UN TYPE « OU » DANS UN SYTÈME DE TYPE ML



```
type direction = | North | East | South | West

let label d = match d with
  | North -> "north"
  | East -> "east"
  | South -> "south"
  | West -> "west"

let _ = print_endline(label North);;
let _ = print_endline(label East);;
let _ = print_endline(label South);;
let _ = print_endline(label West);;
```