





**FANS DON'T CRASH HERE! RUNTIME?**

**LINK TO THE PATH**











```
const label = (d : Direction) : string => {  
  switch (d){  
    case Direction.North: return "north";  
    case Direction.South: return "south";  
    case Direction.East: return "east";  
    case Direction.West: return "west";  
  }  
  throw new Error("Not a valid Direction")  
}
```

MAGNUM2-QUALITÉ D'SI-THC MANHATTAN SLÉ & QUENTIN BURG



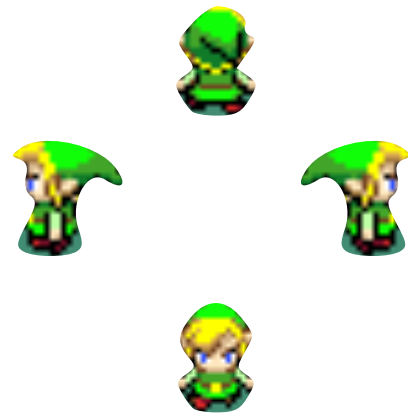
Unreadable code detected.

Compilation ERROR

**TS creit qu'on traite tous les cas... Les enu sont dangereux!**

# LINK TO THE PATH

FAISONS CRASHER LE RUNTIME?



```
const label = (d : Direction) : string => {  
  switch (d){  
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    case Direction.West: return "west";  
  }  
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}
```

Compilation ERROR

Unreachable code detected.

TS croit qu'on traite tous les cas ... Les enums sont dangereux!

# LINK TO THE PATH

## LES UNIONS



```
type Direction = "North" | "East" | "South" | "West";

const label = (d : Direction) : string => {
  switch (d ) {
    case "North": return "north";
    case "East": return "east";
    case "South": return "south";
    case "West": return "west";
  }
}
```