





UTILISATION DES ENVENIMENTS

**LINK TO THE PATH**

```
public static void main(String args[]) {  
    System.out.println(label(-35));  
}
```

```
error: incompatible types: int cannot be converted to Direction  
    System.out.println(label(-35));
```

**On peut valider dès la compilation que l'on utilise des valeurs valides!!!**





Compilation ERROR



MAGNET 2-DUALS - THOUGHTS

# LINK TO THE PATH

## UTILISATION DES ENUM EN JAVA



```
public static void main(String args[]) {  
    System.out.println(label(-35));  
}
```

Compilation ERROR

```
error: incompatible types: int cannot be converted to Direction  
System.out.println(label(-35));
```

**On peut valider dès la compilation que l'on utilise des valeurs valides !!!**

# LINK TO THE PATH

UTILISATION DES ENUM EN JAVA ... MAIS EN MODIFIANT LE CODE



```
enum Direction { North, East, South, West }

public class Main {
    public static final String label(Direction d) {
        switch (d) {
            case North : return "north";
            case East : return "east";
            case South : return "south";
            //case West : return "west";
        }
        throw new IllegalArgumentException("not a valid direction");
    }

    public static void main(String args[]) {
        System.out.println(label(Direction.East));
        System.out.println(label(Direction.West));
    }
}
```