





**STATEMARESTRIBACK**

ONNADARTUNPREULES.COMMANDES.

MAGNUM2-QUALITÉ D'SI-THOMAS HAESLÉ & QUENTIN BURG

```
interface Face {  
  type: "face";  
  direction: Direction;  
}
```

```
interface Start {  
  type: "start";  
}
```

```
interface Stop {  
  type: "stop";  
}
```

```
type Command =  
  | Face  
  | Start  
  | Stop
```

```
const stop: () => Stop = () => ({ type: "stop" });
```

```
const start: () => Start = () => ({ type: "start" });
```

```
const face: (d: Direction) => Face = (d: Direction) => ({ type: "face",  
direction: d });
```

Face, Start et Stop sont des types, on peut créer nos constructeurs de valeurs avec des fonctions.











# STATE MACHINE STRIKE BACK

ON ADAPTE UN PEU LES COMMANDES...



```
interface Face {  
  type: "face";  
  direction: Direction;  
}  
  
interface Start {  
  type: "start";  
}  
  
interface Stop {  
  type: "stop";  
}  
  
type Command =  
  | Face  
  | Start  
  | Stop  
  
const stop: () => Stop = () => ({ type: "stop" });  
const start: () => Start = () => ({ type: "start" });  
const face: (d: Direction) => Face = (d: Direction) => ({ type: "face",  
  direction: d });
```

Face, Start et Stop sont des types, on peut créer nos constructeurs de valeurs avec des fonctions.

# STATE MACHINE STRIKE BACK

DONC ON VEUT STOCKER L'ÉTAT



```
interface Idle {  
  type: "idle";  
}  
interface Moving {  
  type: "moving";  
}  
type State = Idle | Moving  
  
const idle : () => Idle = () => ({  
  type: "idle"  
});  
const moving : () => Moving = () => ({  
  type: "moving"  
});  
  
const initialState : State = idle();
```