

Service: Environement **include** EditMap
Types: bool, int, Cell, Mob
Observers: CellContent: $\text{int} \times \text{int} \rightarrow \text{Option}[\text{Mob}]$
CellRessources: $\text{int} \times \text{int} \rightarrow \text{Option}[\text{Ressource}]$
mob : $\text{int} \times \text{int} \rightarrow \text{Mob}$
ressource : $\text{int} \times \text{int} \rightarrow \text{Ressource}$
Operators: CloseDoor: $[\text{Environment}] \times \text{int} \times \text{int} \times [\text{Environment}]$
pre CloseDoor(M,x,y) **requires** CellContent(M,x,y) = No