# **Smart Rules Program**

## **Smart Rules Program**



## **rooms declaration**



## **housecode declaration**



## **device declaration**



## **timeout declaration**



## **const declaration**



## **int declaration**



## **bool declaration**



## **enum declaration**



## **procedure declaration**



## **day declaration**



## **timer declaration**



## **statements**



## **statement**



## **if statement**



## **call statement**



## **assignment statement + inc or dec statement**



## **set device statement**



## **reset timer statement**



## **expression**



## **logical or expression**



## **comparison expression**



## **simple expression**



## **term**



## **factor**



## **literal constant**



## **day filter**



## **literal house code**



## **literal integer**



## **literal boolean**



## **literal date**



## **literal time of day**



## **offset time**



## **timespan**



## **literal device code**



## **literal mac code**



## **literal device state**



## **colour**

See colour.cs for valid colours.

## **variable**

