

## Smoke detector is set to Fire

To test, we define 2 lights in dining\_room1, 2lights in kitchen1  
and ava1 in dining room1, ava 2 in kitchen1;

input command: set sensor house1:kitchen1:smoke\_detector1 status mode value FIRE  
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FIRE!! Starting evacuation procedure  
light1 in house1:dining\_room1 is on  
light2 in house1:dining\_room1 is on  
light4 in house1:kitchen1 is on  
light3 in house1:kitchen1 is on  
(ava2 in house1:dining\_room1 is broadcasting)--Fire in kitchen1 , Please leave house1  
immediately  
(ava1 in house1:kitchen1 is broadcasting)--Fire in kitchen1 , Please leave house1 immediately  
Calling 911

\*\*\*\*\*Test Knowledge Graph \*\*\*\*\*

\*\*\*\*\*"? is\_in ? "to find out all the location of occupants\*\*\*

\*\*\*\*\*

input query:

? is\_in ?.

output:

Joe\_smith is\_in House1:kitchen1.

Rover is\_in House1:kitchen1.

\*\*\*"? is ? "to find out all the status of occupants\*\*\*\*

\*\*\*\*\*

input query:

? is ?.

output:

Rover is Active.

Joe\_smith is Active.