



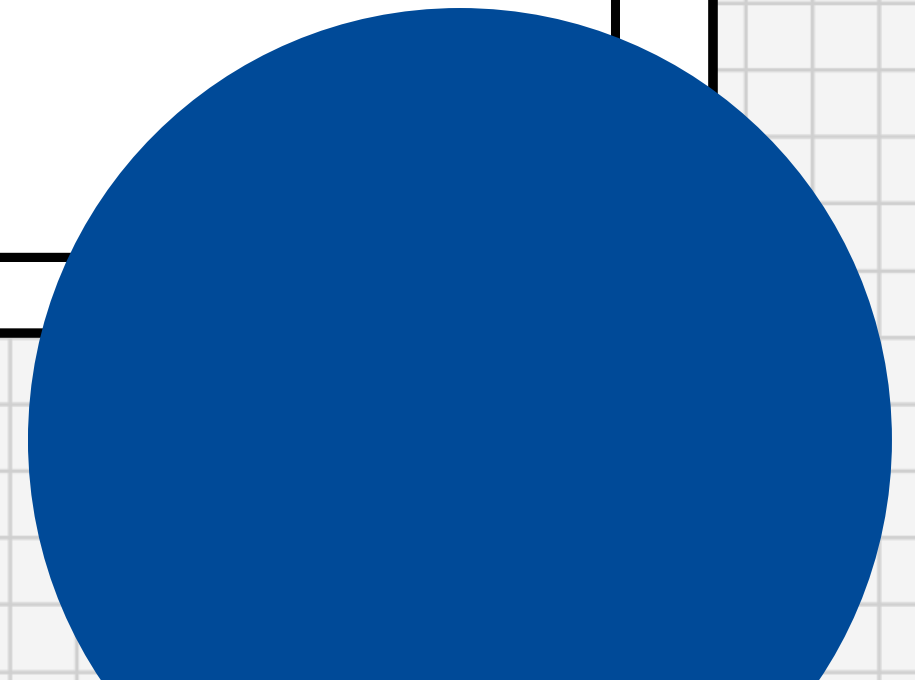
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Search

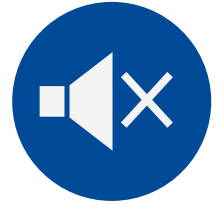


Assets Moving Across Zones

An RFID Example



Request



```
public class LRMovingZoneStmt {
    public static void createStmt(EPRuntime runtime,
                                  int secTimeout,
                                  UpdateListener listener) {
        String epl = "@name('count') insert into CountZone " +
            "select zone, count(*) as cnt " +
            "from LocationReport#unique(assetId) " +
            "where assetId in ('A1', 'A2', 'A3') " +
            "group by zone;\n" +
            "\n" +
            "@name('out') select Part.zone from pattern [" +
            "    every Part=CountZone(cnt in (1,2)) ->" +
            "    (timer:interval(" + secTimeout + " sec) " +
            "        and not CountZone(zone=Part.zone, cnt in" +
            "(0,3))) ]";
```



The goals of the request



Create zones and item sets



Count the number of sets and items in each zone

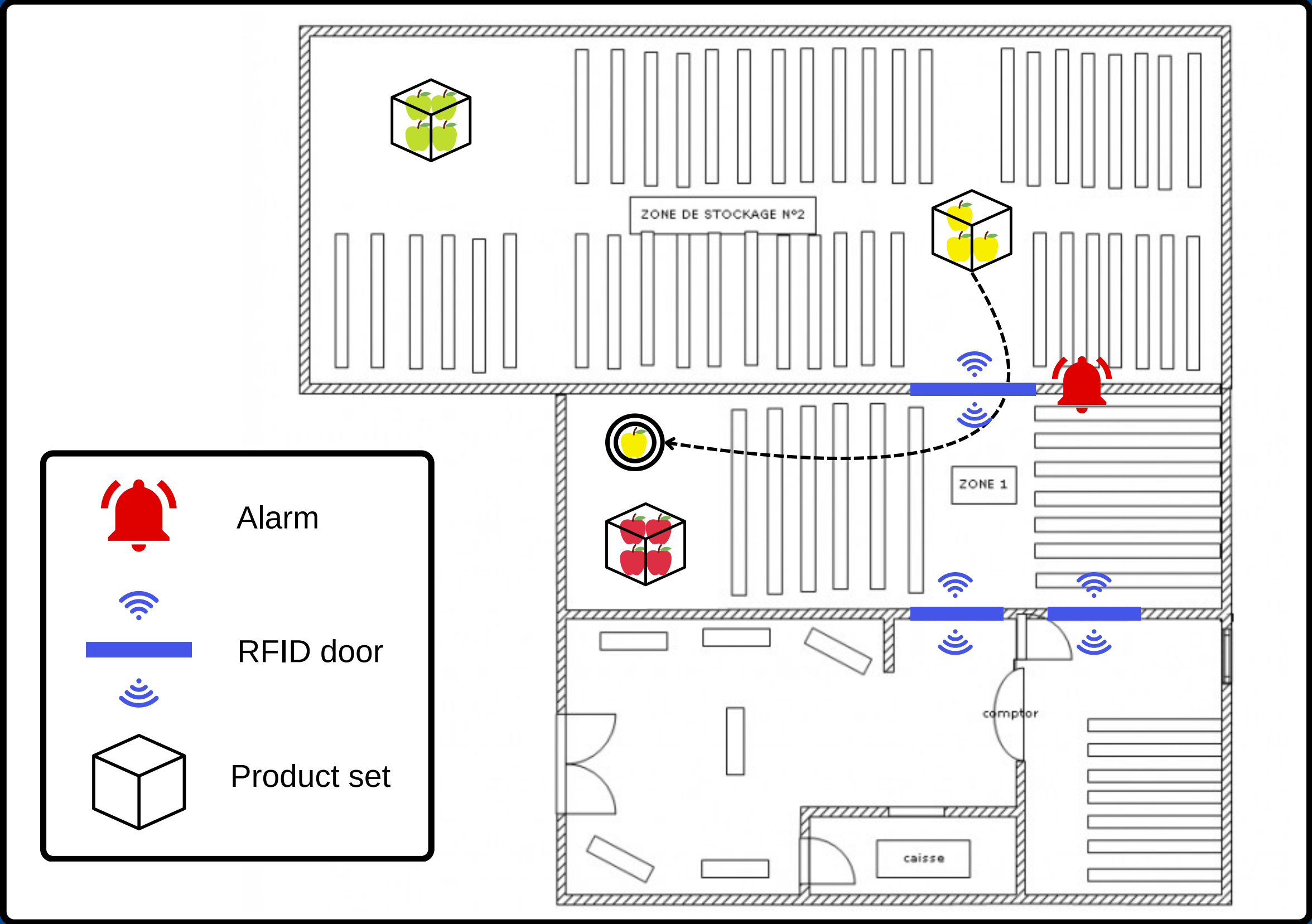


Detect when complete sets are not reunited in the same zone



Alert as soon as item sets are separated and inform how many sets changed of zone, stayed in the same zone and from wich zone they went to where

Search



Visual
representation of
the request:

Software example

SAVE

CANCEL



Thank you !