

```

26: for each device  $d$  in  $D_c$  do
27:    $R_c \leftarrow R_c \cup DHT[d]$ ;
28: for each device  $d$  in  $D_{uc}$  do
29:    $R_{uc} \leftarrow R_{uc} \cup DHT[d]$ ;
30: for each cell  $c$  in  $C_c$  do
31:    $R_c \leftarrow R_c \cup CDHT[c]$ ;
32: if  $|C_c| > 1$  then
33:   for each nondeterministic object  $o$  in  $C_c$  do
34:     if  $OHT[o].IDSet \subset C_c$  then
35:       Add  $o$  into  $R_c$ ;
36:     else
37:       Add  $o$  into  $R_{uc}$ 
38: else
39:    $R_{uc} \leftarrow R_{uc} \cup CNHT[c]$ ;
40: for each cell  $c$  in  $C_{uc}$  do
41:    $R_c \leftarrow R_c \cup CDHT[c]$ ;  $R_{uc} \leftarrow R_{uc} \cup CNHT[c]$ ;
42:  $QHT[queryID] \leftarrow (R_c, R_{uc})$ ;
43: for each item  $a$  in  $cd$  do
44:   Add  $(queryID, a.CLASS)$  into  $DQHT[a.deviceID]$ ;

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