ASSUMPTION:

(1) Fragmented relations $R_1$, $R_2$, $R_3$, $R_4$ and un-fragmented relation $R_5$ among 4 sites.

(2) The fragmentations are shown as follows:
   - $R_1 = F_{11} \cup F_{12}$
   - $R_2 = F_{21} \cup F_{22}$
   - $R_3 = F_{31} \cup F_{32}$
   - $R_4 = F_{41} \cup F_{42}$

(3) $R_2$ might have a partition dependency on $R_1$ as: $R_{2,B} = \leq R_{1,B}$

(4) $R_4$ might have a partition dependency on $R_3$ as: $R_{4,D} = \leq R_{3,D}$

(5) $Q = R_1 \bowtie (B=B) \ R_2 \bowtie (C=C) \ R_3 \bowtie (D=D) \ R_4 \bowtie (E=E) \ R_5$

(6) $Q$ could be issued as any one of the four sites, for example it is issued at Site 2

**Instruction to do the demonstration:**

If $R_2$ has a partition dependency on $R_1$ and $R_4$ has a partition dependency on $R_3$, you can choose the fragmentation shown as follows. First click **Show Tree** button, then click **Show Strategies** button. If you want do another Demo, click **Clear** button to clean the tree and strategies, and try it again.
If $R_2$ does not have a partition dependency on $R_1$, and $R_4$ does not have a partition dependency on $R_3$, you can choose the fragmentation shown as follows. First click **Show Tree** button, then click **Show Strategies** button. If you want do another Demo, click **Clear** button to clean the tree and strategies, and try it again.