

DBMaker/DBMaster FAQ Document

Question:

Is possible create the view materialized in DBMaker? (DBMR3096)

Answer:

Materialized view is the physical copy of the original base tables. Unlike view, the materialized view is precomputed and stored on a disk, and they are not updated each time they are used. DBMaker doesn't support materialized view, so we give some assumptions for each workaround.

1. Do materialized view: "refresh complete" + "on commit"

- (a) Try to create a temp/permanent table (mv1), if table exists, do (b).
- (b) As view definition, insert data to mv1 using "select into".
- (c) Create a sp (mvsp1) which delete all records from mv1, and do (b).
- (d) After insert/update/delete trigger on table A or table B to call mvsp1.

2. Do materialized view: "refresh complete" + "start with□next"

- (a) Try to create a temp/permanent table (mv1).
- (b) As view definition, insert data to mv1 using "select into".
- (c) Create a sp (mvsp1) which delete all records from mv1, and do (b).
- (d) Create task on schedule daemon to execute call mvsp1.

3. Do materialized view: "refresh complete" + "on demand"

- (a) Try to create a temp/permanent table (mv1).
- (b) As view definition, insert data to mv1 using "select into".
- (c) Create a sp (mvsp1) which delete all records from mv1, and do (b).
- (d) Call mvsp1 on demand.

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4. Do materialized view: "never refresh" + "on demand"

The same as 3, maybe user wants this.

5. Do materialized view: "refresh fast/refresh force" + "on commit" (PK cannot be updated)

- (a) Try to create a temp/permanent table (mv1).
- (b) As view definition, insert data to mv1 using "select into".
- (c) Create a sp (mvsp1) to check insert/update/delete operations and insert/update/delete mv1. (not easy)
- (d) After insert/update/delete trigger on table A or table B to call mvsp1.

6. Do materialized view: "refresh fast/refresh force" + "start with□next" (PK cannot be updated)

- (a) Try to create a temp/permanent table (mv1).
- (b) As view definition, insert data to mv1 using "select into".
- (c) Create a sp (mvsp1) to check insert/update/delete operations and insert/update/delete mv1. (not easy)
- (d) Create task on schedule daemon to execute call mvsp1.

7. Do materialized view: "refresh fast/refresh force" + "on demand" (PK cannot be updated)

- (a) Try to create a temp/permanent table (mv1).
- (b) As view definition, insert data to mv1 using "select into".
- (c) Create a sp (mvsp1) to check insert/update/delete operations and insert/update/delete mv1. (not easy)
- (d) Call mvsp1 on demand.

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