





SQL Beginner to Guru

MySQL Edition

Materialized Views



Materialized Views

- Materialized Views are similar to regular database views in the fact they are generated from physical database tables via a SQL select statement.
- Key difference is the result set is actually persisted to disk.
- Result set is calculated ahead of time and is periodically refreshed.
- Materialized Views are often used for 'heavy weight' queries. ie a query which is expensive to execute.
- Ideal for data which needs to be read, which does not change often.





Materialized Views in MySQL

- At this time Materialized views are not supported natively in MySQL.
- There are 3rd party tools and manual work arounds which can be used with MySQL.
- Other major databases like PostgreSQL, Oracle and MS SQL Server support Materialized views.
 - Implementation details of each is slightly different.
- Materialized Views may become a feature of MySQL at some point in the future.



