Author: Samuel Rettig

MySQL Innodb buffer pool size: 128 Mbytes

|  |  |  |  |
| --- | --- | --- | --- |
| Query ID | Index Statement | Before optimization | After optimization |
| ID 7 | -- CREATE INDEX tweet\_1  -- ON tweets (post\_month);  -- CREATE INDEX user\_1  -- ON users (state);  -- CREATE INDEX hashtag\_1  -- ON hashtags (name); | |  |  | | --- | --- | | 6949.68 | 7048.14 | | |  |  | | --- | --- | | 433.24 | 440.60 | |
| ID 23 | CREATE INDEX tweet\_1  ON tweets (post\_month,post\_year);  CREATE INDEX user\_1  ON users (subcategory);  CREATE INDEX hashtag\_1  ON hashtags (name); | |  |  | | --- | --- | | 11121.31 | 11138.8 | | |  |  | | --- | --- | | 5942.27 | 5900.6 | |

ID 7 before:

Diagram

Description automatically generated

ID 7 after:

Diagram

Description automatically generated

ID 23 before:

Diagram

Description automatically generated

ID 23 after:

Diagram

Description automatically generated