Difference Between Drop And Drop Purge In Oracle

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I am using Oracle Database and I am a bit confused about Drop and Purge Commands. In fact for me both does the same thing. Removes the table with schema from database. What is the main difference between these two?

1. Drop Table Tablename;

2. Drop Table Tablename Purge;

sql   oracle   oracle10g

edited Jul 31 '15 at 14:11

ROMANIA_engineer
35.4k   20   161   147

asked Oct 10 '11 at 13:24

user769394

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5   Isn't this a `Read the manual` question? And how can it be both MySQL and Oracle? – MatBailie Oct 10 '11 at 13:50 ✎

@Dems "Read the manual" ... as are most Oracle questions on Stackoverflow, sadly. – David Aldridge May 18 '13 at 12:42

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6 Answers

41

is specified as well, the table is unrecoverably (entirely) dropped from the database.

answered Oct 10 '11 at 13:28

Randy

15k   1   29   46

6   +1 I would add that if you don't add `purge` the table will continue to use space in the recycle bin so if you're cleaning up it's better to use it. – Ben Oct 10 '11 at 13:29

1   Id agree with Ben about space usage, use purge, or I've seen a truncate table followed by a drop to have similar effect. – tbone Oct 10 '11 at 14:07

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Oracle Database 10g introduces a new feature for dropping tables. When you drop a table, the database does not immediately release the space associated with the table. Rather, the database renames the table and places it in a recycle bin, where it can later be recovered with the FLASHBACK TABLE statement if you find that you dropped the table in error. If you want to immediately release the space associated with the table at the time you issue the DROP TABLE statement, then include the PURGE clause as follows. DROP TABLE employees PURGE; Specify PURGE only if you want to drop the table and release the space associated with it in a single step. If you specify PURGE, then the database does not place the table and its dependent objects into the recycle bin. NOTE: You cannot roll back a DROP TABLE statement with the PURGE clause, and you cannot recover the table if you drop it with the PURGE clause. This feature was not available in earlier releases.

answered Aug 29 '13 at 5:23

A link to asktom article:
http://asktom.oracle.com/pls/asktom/f?
p=100:11:0::::P11_QUESTION_ID:32543538041420

Basically with oracle10, all dropped tables go into recycle bin from where they can be undropped. With purge you basically skip the recycle bin part and you drop the table without an option to undo the action.

answered Oct 10 '11 at 13:29

phil
621 5 14

The below statement will drop the table and place it into the recycle bin.

DROP TABLE emp_new;

The below statement will drop the table and flush it out from the recycle bin also.

DROP TABLE emp_new PURGE;

answered Dec 3 '14 at 4:58

Danish Rizvi
21 1

Why has it been voted down? Some comment would have helped? To me it looks correct.. – nanosoft Nov 28 '16 at 7:13

```
SOL>drop table table name:
```

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This command deletes the table named table_name, but internally it is moved to recycle bin of oracle (which is just similar to deleting any file/folder using Delete key on windows os).

Benefits:
1. We will be able to restore the above deleted table if required.
Drawbacks:
1. Still occupies some amount of memory.

```
SQL>drop table table_name purge;
```

This command deletes the table table_name completely from the database (which is similar to deleting any file/folder using Shift + Delete key on windows OS).

The Benefits and Drawbacks will be vice-verse of the above.

edited Feb 26 '14 at 19:16

Yuriy
4,075   7   23   33

answered Feb 26 '14 at 18:55

Devaraj B
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drop table table_name purge;

By using this query what happened:- Normally, a table is moved into the recycle bin (as of Oracle 10g), if it is dropped.But still occupied the memory in database so to release the the memory for another object we can use the

answered Feb 20 '14 at 13:33

Osho Balhariya

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