Subject: AUTO_INCREMENT PK Column for Oracle Table
Posted by ajwid01 on Tue, 23 Jun 2009 14:10:47 GMT
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Hi,

I am trying to get a table's specification to implement an auto-increment field based on a sequence lookup.

As I understand it, the pre-requisites for this to be auto-established during the DB Dictionary Import routines is to:

A) Have the PK specified on a numeric column.
B) Have a sequence available following the naming convention <Table_name>_SEQ.

Both these requirements are met, but the table_name.dict.inc does not appear to specify the column as recognised for auto_increment when exported.

Am I doing something wrong?

Best regards,

- Tony.

Subject: Re: AUTO_INCREMENT PK Column for Oracle Table
Posted by AJM on Tue, 23 Jun 2009 17:58:53 GMT
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I have tested his feature on my system using the following:

```
CREATE TABLE test_autoincrement (
  id number(10) NOT NULL,
  field1 varchar2(40) default NULL,
  field2 varchar2(255) default NULL,
  PRIMARY KEY  (id)
);
CREATE SEQUENCE test_autoincrement_seq;

REVOKE ALL ON test_autoincrement FROM PUBLIC;
GRANT SELECT,INSERT,DELETE,UPDATE ON test_autoincrement TO PUBLIC;
REVOKE ALL ON test_autoincrement_seq FROM PUBLIC;
GRANT SELECT,ALTER ON test_autoincrement_seq TO PUBLIC;
```

I then imported this new table, imported the columns, after which I examined the ID column and noted that the autoincrement property was set correctly. When I exported the table details the dict.inc file showed 'auto_increment' => 'y' on the key field.

Are you sure that you are following the instructions at

Subject: Re: AUTO_INCREMENT PK Column for Oracle Table
Posted by ajwid01 on Wed, 24 Jun 2009 08:00:16 GMT
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Got it!

My PK was just specified as a NUMBER in the Oracle table definition (because I am always too lazy to bother specifying any precisions), and when imported - this column was being set to FLOAT in Radicore.

Dumping the table contents, modifying column definition to NUMBER(10), reimporting data and then reimporting table columns to Radicore allowed the column to be picked up as Auto Increment.

Many thanks.

T.