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Subject: Multiple DUAL\_UNIQUE generate conflicting statements

Posted by [busiek](#) on Wed, 23 May 2018 09:36:34 GMT

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This is a problem for PostgreSQL backend for sure.

TABLE(T)

```
...
  DUAL_UNIQUE(A, B)
  DUAL_UNIQUE(C, D)
END_TABLE
```

will generate A\_script.sql containing:

```
...
alter table T add constraint DQ_T unique (A, B);
alter table T add constraint DQ_T unique (C, D);
```

Constraint names should be unique. The way to fix it is to add column names to the constraint name separated by some special symbol.

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Subject: Re: Multiple DUAL\_UNIQUE generate conflicting statements

Posted by [mirek](#) on Wed, 27 Jun 2018 08:35:52 GMT

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What about using UNIQUE\_LIST instead?

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Subject: Re: Multiple DUAL\_UNIQUE generate conflicting statements

Posted by [busiek](#) on Wed, 27 Jun 2018 13:50:59 GMT

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Thanks, in UNIQUE\_LIST you can name a constraint. I wasn't aware of that. I will use it.

Until now, I simply run A\_script.sql manually, by editing the name of conflicting constraint.

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Subject: Re: Multiple DUAL\_UNIQUE generate conflicting statements

Posted by [zsolt](#) on Sun, 14 Jul 2019 00:30:32 GMT

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Fix:

```
-#define DUAL_UNIQUE(k1, k2)    ATTRIBUTE("alter table @t add constraint DQ_@t unique "\
+#define DUAL_UNIQUE(k1, k2)    ATTRIBUTE("alter table @t add constraint DQ_@t$" #k1
#k2 " unique "\
```

```
"(" #k1 ", " #k2 ");",\
- "alter table @t drop constraint DQ_@t;"
+ "alter table @t drop constraint DQ_@t$" #k1 #k2 ";;")
```

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Subject: Re: Multiple DUAL\_UNIQUE generate conflicting statements

Posted by [mirek](#) on Wed, 17 Jul 2019 08:42:56 GMT

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Thanks, applied, with a small addition:

```
#define DUAL_UNIQUE(k1, k2)    ATTRIBUTE("alter table @t add constraint DQ_@t$" #k1 "$"
#k2 " unique "\
                                "(" #k1 ", " #k2 ");",\
                                "alter table @t drop constraint DQ_@t$" #k1 "$" #k2 ";;")
```

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