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Subject: PostgreSql does not handle BOOL correctly  
Posted by [omari](#) on Sun, 11 Jun 2023 15:12:50 GMT  
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Test case:

with this schema:

```
TABLE_(MY_TABLE)
  INT_ (ID) PRIMARY_KEY
  BOOL_ (IS_OK)
END_TABLE
```

this code:

```
SqlStatement s = Select(ID).From(MY_TABLE).WHERE(IS_OK == true);
LOG(s.Get(PGSQL));
```

print :

```
select ID from MY_TABLE where IS_OK = 1
```

PostgreSql does not accept this sql statement.

the correct one is:

```
select ID from MY_TABLE where IS_OK = '1'
```

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## File Attachments

1) [pgsql\\_bool.PNG](#), downloaded 840 times

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The following table shows the valid literal values for `TRUE` and `FALSE` in PostgreSQL.

| True   | False   |
|--------|---------|
| true   | false   |
| 't'    | 'f'     |
| 'true' | 'false' |
| 'y'    | 'n'     |
| 'yes'  | 'no'    |
| '1'    | '0'     |

Note that the leading or trailing whitespace does not matter and all the constant values except for `true` and `false` must be enclosed in single quotes.