

How to check if a stored procedure exist?

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▲ I have searched the net and I've found a [post](#) that uses the following snippet to check if a stored procedure exists:

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```
select *
  from USER_SOURCE
 where type='PROCEDURE'
    and name='my_stored_procedure.'
```

Is there any other way to check if a procedure exists?

Edited to add:

Before posting SQL Server ways, please I'm looking for ORACLE ways.

[oracle](#)
[stored-procedures](#)

asked Apr 19 '11 at 19:17



[Paulo Santos](#)

9,750 3 34 55

5 Answers

▲ Alternatives:

34



USER_PROCEDURES:

```
SELECT *
  FROM USER_PROCEDURES
 WHERE object_name = 'MY_STORED_PROCE'
```



USER_OBJECTS:

```
SELECT *
  FROM USER_OBJECTS
 WHERE object_type = 'PROCEDURE'
    AND object_name = 'MY_STORED_PROCE'
```

answered Apr 19 '11 at 19:20



[Chandu](#)

65k 15 110 117

Exactly what I was looking for...
Thanks! – [Paulo Santos](#) Apr 19 '11 at 19:24

2 +1.. the other views to remember:
ALL_OBJECTS , DBA_OBJECTS (if you have that priv) Same for

have that priv, same for
_PROCEDURES too. – [Guru](#) Apr 19 '11
at 19:50

If you have an invalid procedure (due to compiling errors), the invalid procedure is listed in USER_OBJECTS and ALL_OBJECTS but not listed in USER_PROCEDES and ALL_PROCEDES. – [Peter A](#) Apr 24 '18 at 9:36

Something that worked for me!

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```
SELECT text
FROM all_source
WHERE name = 'MY_SP_NAME'
ORDER BY line;
```

Alternatively you can try calling SP like this:

```
CALL MY_SP_NAME();
```

You might end up error like this, but that confirms you have SP defined there:

```
OCI Statement Execution failure.ORA-06004:
call to 'MY_SP_NAME'
```

answered Feb 26 '15 at 14:32



[Waqar Alamgir](#)

7,187 3 21 35

Execute the query below in SQL*PLUS, ODBC Test,...

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```
SELECT text FROM all_source
WHERE name='MY_PROCEDURE'
ORDER BY line
```

where MY_PROCEDURE is the stored procedure name.

Below is sample output:

```
Get Data All: "TEXT" "PROCEDURE
Usp_Get_Blob
"(
"P_DOC_ID INT,
"P_DOC_TEXT OUT BLOB)
"as
"begin
" select B1 into p_doc_text
```

```
" from blobtest  
" where ID = p_doc_id;  
"end; "
```

answered Apr 3 '14 at 10:35

[user3484328](#)

46 5

0 The only way to see if a procedure exists in the database is through querying `DBA_OBJECTS`. The disadvantage here is that only a dba has access to this view. Second best is using `all_objects`. `ALL_OBJECTS` shows you the objects for which you have somehow a privilege. `USER_OBJECTS` only shows you your own objects.

answered Apr 20 '11 at 5:29

[ik_zelf](#)

5,225 1 10 17

-1 select * from USER_SOURCE where type='PROCEDURE' and name='my_stored_procedure.'

answered Dec 26 '13 at 17:49

[user3137391](#)

1

What is this? The same thing as the question? – [Cilan](#) Dec 26 '13 at 18:10