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Problem in installing pljava on windows

Error on installing pl/java on windows 7 x64 and PostgreSQL 9.0.

```
CREATE FUNCTION sqlj.java_call_handler()
  RETURNS language_handler AS 'pljava'
  LANGUAGE C;
```

Error:

ERROR: could not load library "C:/Program Files/PostgreSQL/9.0/lib/pljava.dll": The specified module could not be found.

*** Error ***

ERROR: could not load library "C:/Program Files/PostgreSQL/9.0/lib/pljava.dll": The specified module could not be found. SQL state: 58P01

But I'm sure that pljava.dll exists in C:/Program Files/PostgreSQL/9.0/lib

postgresql | pljava

edited Jul 9 '11 at 11:54



Grzegorz Szpetkowski
8,182 1 14 34

asked Jul 9 '11 at 8:15



Reza
21 3 8

- Most probably `pljava.dll` depends on some other DLL which is missing. Check with [Dependency Walker](#). – [Milen A. Radev](#) Jul 9 '11 at 10:51

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2 Answers

I found it's possible to install PL/Java procedural language on PostgreSQL 9.0 64 bit on Windows 7 64 bit (I had same error message as yours). I see (`C:/Program Files` path) that you have 64 bit version of PostgreSQL, so you need **64 bit** JRE (assuming `C:\Program Files\Java\jre6`):

- Download PL/Java 64 bit binary package from [pgFoundry](#) (that is, `pljava-x86_64-w64-mingw32-pg9.0-1.4.2.tar.gz`)
- Unpack archive to `C:\Program Files\PostgreSQL\9.0\share\pljava` directory
- Put `pljava.dll` into `C:\Program Files\PostgreSQL\9.0\lib` directory
- Add into `postgresql.conf` (data):

```
custom_variable_classes = 'pljava'
pljava.classpath='C:\\Program Files\\PostgreSQL\\9.0\\share\\pljava\\pljava.jar'
```

- Add into `PATH` (My Computer → Properties → Advanced → Environment Variables):

```
;C:\Program Files\Java\jre6\bin;C:\Program Files\Java\jre6\bin\server
```

(you can create another `JRE_HOME` variable if you like and then write
`;%JRE_HOME%\bin;%JRE_HOME%\bin\server`)

After that restart PostgreSQL service (postgresql-x64-9.0) and load `C:\Program Files\PostgreSQL\9.0\share\pljava\install.sql` again. Check:

```
postgres=# SELECT lanname FROM pg_language;
 lanname
-----
 internal
 c
 sql
 plpgsql
 java
 javau
(6 rows)
```

edited Jul 9 '11 at 12:43

answered Jul 9 '11 at 12:29



[Grzegorz Szpetkowski](#)
8,182 1 14 34

[add comment](#)

I had the exact same error and followed the instructions to a T, but still the same problem. Turns out my PATH statement for the jre included quotes - assumed I needed them because of spaces in the directory names. Removed the quotes from around the jre paths and the lights came on.

Hope this helps!

answered Jun 11 '13 at 14:38



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