



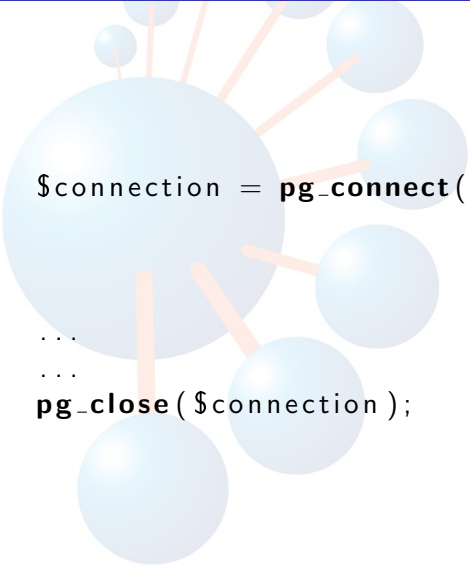
Laboratorio 8

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Bases de Datos I
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PostgreSQL y PHP - Conexión



```
$connection = pg_connect(" host=plop.inf.udec.cl  
dbname=db_name  
user=db_user  
password=secret" );  
  
...  
...  
pg_close( $connection );
```

PostgreSQL y PHP - Consultas

```
pg_exec( $connection , "SELECT *  
FROM table_name  
WHERE ..." );
```

```
pg_select( $connection , "table_name" , $condition );
```

```
pg_update( $connection , "table_name" ,  
$data , $condition );
```

```
pg_insert( $connection , "table_name" , $data );
```

PostgreSQL y PHP - Links de Interés



<http://php.net/manual/en/getting-started.php>

<http://us2.php.net/manual/en/ref.pgsq1.php>

<http://us2.php.net/manual/es/ref.pgsq1.php>

PostgreSQL y C/C++ - Conexión

```
#include <postgresql/libpq-fe.h>
```

```
int main() {  
    PGconn *conn = PQconnectdb(" host=plop.inf.udec.cl  
                                dbname=db_name  
                                user=db_user  
                                password=secret" );  
  
    ...  
    ...  
    PQfinish(conn);  
}
```

PostgreSQL y C/C++ - Consultas

...

```
PGresult *res;
```


```
res = PQexec(conn, "SELECT *  
FROM table_name  
WHERE ...")
```

```
PQgetvalue(res, (int)row, (int)col);
```

```
PQclear(res);
```

...

PostgreSQL y C/C++ - Links de Interés



<http://www.postgresql.org/docs/9.1/static/libpq.html>
<http://www.postgresql.org/docs/9.1/static/libpq-example.html>

PostgreSQL y Java - Conexión

```
import java.sql.DriverManager;  
import java.sql.Connection;  
import java.sql.SQLException;  
  
...  
Connection conn = DriverManager.getConnection(  
    "jdbc:postgresql://plop.inf.udec.  
    "db_user",  
    "password" );  
  
...  
...  
conn.close();  
  
...
```


PostgreSQL y Java - Consultas

```
...  
import java.sql.Statement;  
import java.sql.ResultSet;  
...  
String query = "SELECT *  
                FROM table_name  
                WHERE ...";  
Statement stmt = conn.createStatement();  
ResultSet rs = stmt.executeQuery(query);  
  
rs.getString("column_name");  
rs.getInt("column_name");  
...
```

PostgreSQL y Java - Links de Interés



http:

[//jdbc.postgresql.org/documentation/91/index.html](http://jdbc.postgresql.org/documentation/91/index.html)

<http://www.mkkyong.com/jdbc/>

[how-do-connect-to-postgresql-with-jdbc-driver-java/](http://www.mkkyong.com/jdbc/how-do-connect-to-postgresql-with-jdbc-driver-java/)