



SQL_CONNECTION_TO_REMOTE_ DATABASE

CARAMELYO

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- The difference is the connection string

```
cn_str = @"Data Source=" + db_ip + ";" +  
    "Network Library=DBMSSOCN;" +  
    "Initial Catalog=" + db_name + ";" +  
    "User ID=" + db_account + ";" +  
    "Password=" + db_pw + ";;";
```

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- Test connection

```
// test connection
try
{
    SqlConnection cn = new SqlConnection(cn_str);
    cn.Open();
    MessageBox.Show("connection success");
    cn.Close();
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
    return;
}
```

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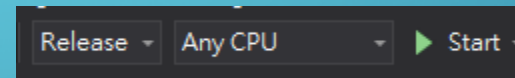
- Read some data

```
// read some data tables from db
try
{
    ds = new DataSet();
    SqlDataAdapter sql_da = new SqlDataAdapter("SELECT * FROM " + db_table_name, cn_str);
    sql_da.Fill(ds, db_table_name);

    dataGridView1.DataSource = ds;
    dataGridView1.DataMember = db_table_name;
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
    return;
}
```

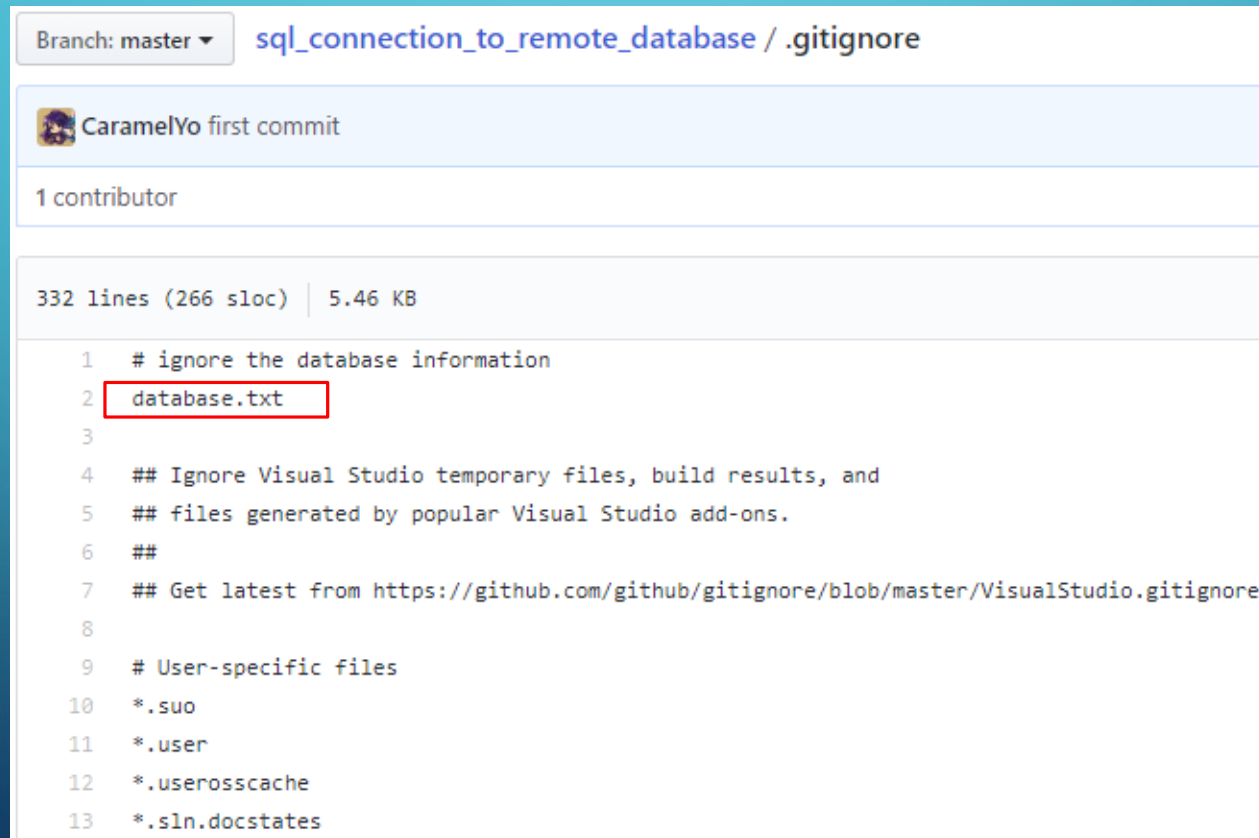

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- Git the visual studio project
 - https://github.com/CaramelYo/sql_connection_to_remote_database
- In release mode



SQL_CONNECTION_TO_REMOTE_DATABASE

- .gitignore for visual studio



The screenshot shows a GitHub repository page for 'sql_connection_to_remote_database' on the 'master' branch. The file '.gitignore' is selected, showing its first commit by 'CaramelYo'. The file has 1 contributor, 332 lines (266 sloc), and is 5.46 KB. The content of the file is as follows:

```
1 # ignore the database information
2 database.txt
3
4 ## Ignore Visual Studio temporary files, build results, and
5 ## files generated by popular Visual Studio add-ons.
6 ##
7 ## Get latest from https://github.com/github/gitignore/blob/master/VisualStudio.gitignore
8
9 # User-specific files
10 *.suo
11 *.user
12 *.useroscache
13 *.sln.docstates
```

The background is a blue gradient. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines and small circles representing components.

ANY QUESTIONS?

The background is a blue gradient. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines and small circles representing nodes.

THANK YOU FOR YOUR LISTENING