

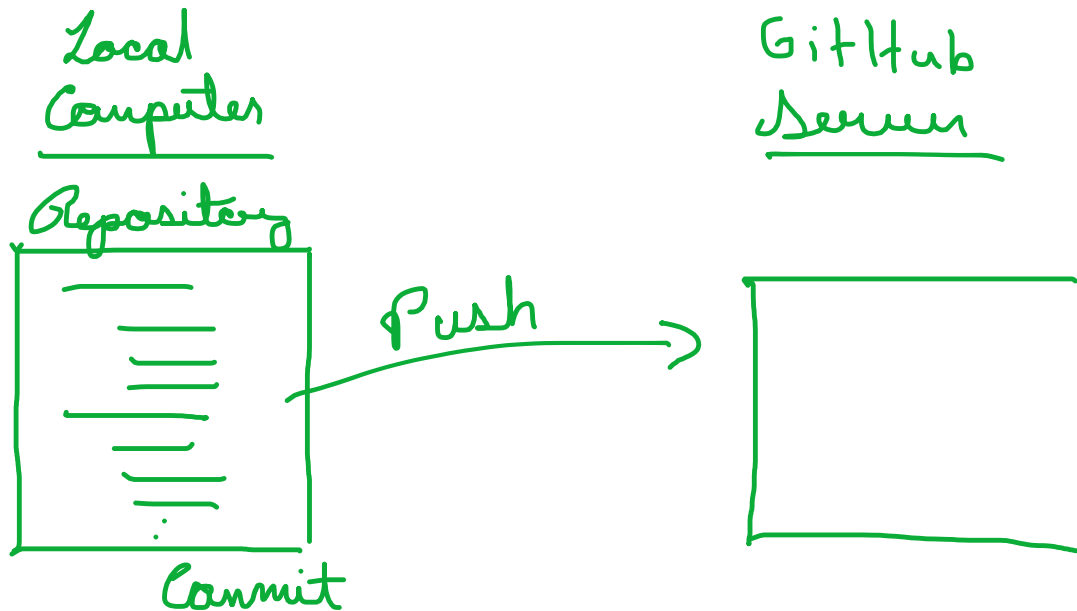
Database Things

Wednesday, August 23, 2017

2:01 PM

How to start a project from scratch by getting stuff from GitHub:

1. Go to GitHub in Visual Studio (put in username and password)
2. There will then be a button that says 'clone' on the team explorer, click this button to get
3. From here you can grab stuff from any public GitHub repository.
4. Visual Studio will not run the software without opening the solution file.
 - a. Notice there are now some nice GitHub information.
5. The software should now be runnable.



ClickEvent, this is written for you if you are using windows forms.

- EventArgs e is information about where and how the mouse click happened.

Where there are errors, read them. They will often tell you a great deal about the issue you are

Notice the dbConnStr, this is actually from the SQL Database.

- @ in front of the string means that you do not need escape characters.
1. Server Explorer
 2. To the name of the database.
 3. Right click, properties.
 4. There will be the connection string in that box.

To actually access the database in C# (requires the library System.Data.SqlClient)

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to actually access the database in C#. (requires the library System.Data.SqlClient)

1. Create a new database from the library. (SqlConnection sc = new SqlConnection(dbCon
2. Open it. (db.Open();)

Reading From database.

```
SqlDataReader reader;
```

```
SqlCommand cmd = new SqlCommand();
```

```
int nameID;
```

```
// This will only work if it is actually an int, otherwise return false
```

```
// If it does work the output will be put into nameID
```

```
if(int.TryParse(m_tbID.Text, out nameID))
```

```
{
```

```
    // This is actually a SQL command
```

```
    // SELECT will only give the name column that is why the reader can get from column 0
```

```
    cmd.CommandText = "SELECT Name FROM Names WHERE ID = " + nameID;
```

```
}
```

```
Else
```

```
{
```

```
    // set text of textbox to nothing
```

```
}
```

nnStr);)