# APP DEV 2 (FREE LATE)
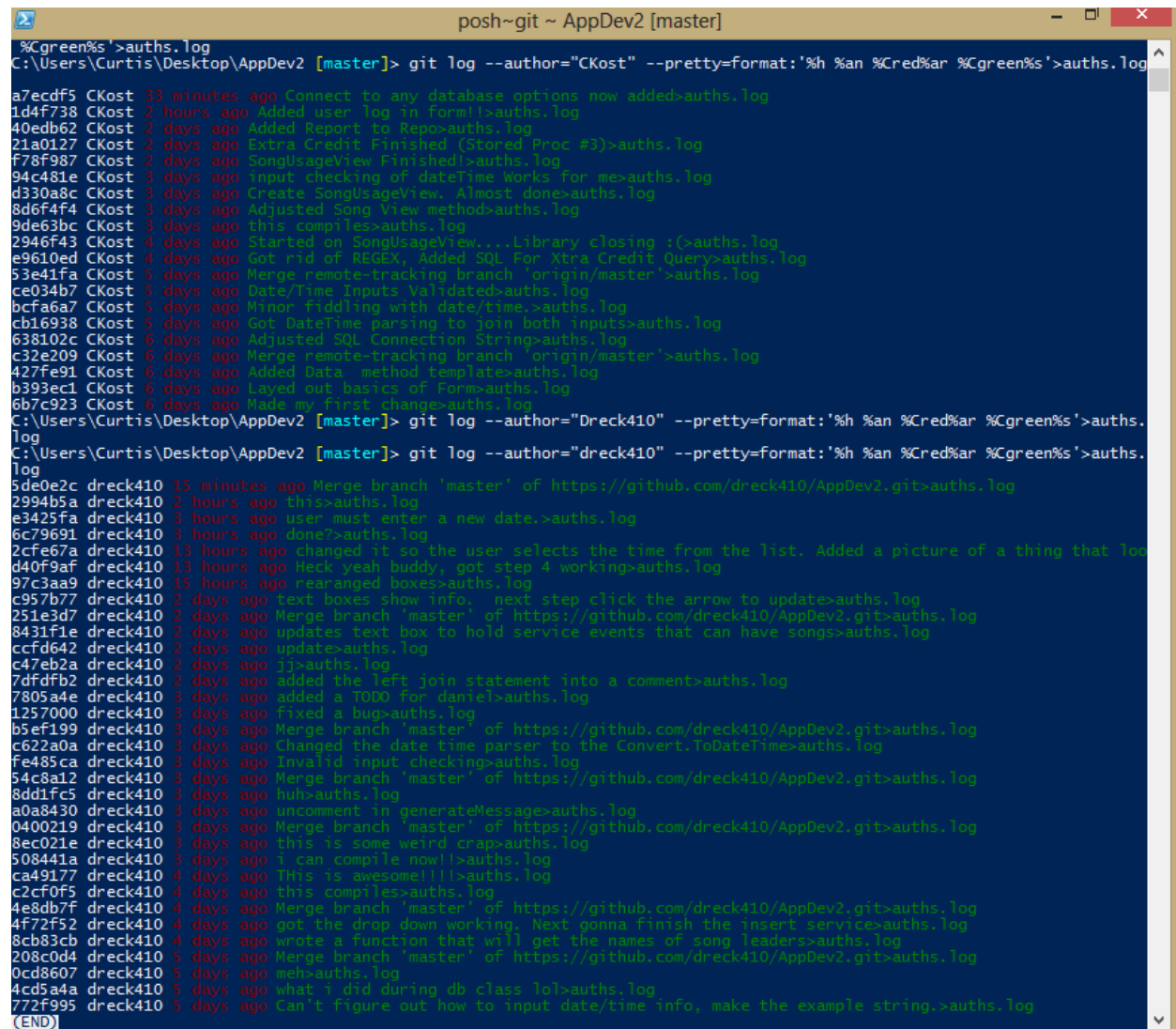
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*Time Spent*: We each spent approximately 7hrs on this project

*Who Did What/Features*: See Git log below for who did what. For features we did everything for steps 1-4 of Option 1 along with #3 of Option 2 for the extra credit. We also added the drop down to get the optional +3 for entering song leader name via a dropbox. We also added a bonus feature which lets the user either "quickconnect" to either of our databases or they can enter info to connect to a database of their choice.

Our GitHub repository can be found at: https://github.com/dreck410/AppDev2



*Known Bugs:* We aren't aware of any bugs. That said, for the extra credit, we went with the +8 option for option #3 and left out the "Theme" field in the view.

**Instructions:**

**Please see the following hyperlink for a step-by-step picture guide on how to use this program.**

[HowTo.mht](HowTo.mht)

File is also located in submission folder and will open by default in a web browser if this hyperlink fails.

**Our SQL Statements**

```
try
{
    string sql = @"CREATE VIEW SongUsageView AS select
    Max(Service.Svc_DateTime) as LastUsedDate
    ,Song.Song_ID, Song.Title, Song.Arranger, Song.Hymnbook_Num, Song.Song_Type
    from Song
    Left Join ServiceEvent on Song.Song_ID = ServiceEvent.Song_ID
    Left Join Service on ServiceEvent.Service_ID = Service.Service_ID
    WHERE
    Song.Song_Type <> 'C'
    GROUP BY
    Song.Song_ID, Song.Title, Song.Arranger, Song.Hymnbook_Num, Song.Song_Type
    ";
```

```
try
{
    string storeProc = @"CREATE PROC LeastUsedSongs
    AS
    SELECT Top 10
    SongUsageView.Title
    FROM SongUsageView
    ORDER BY LastUsedDate ASC, Title ";
```