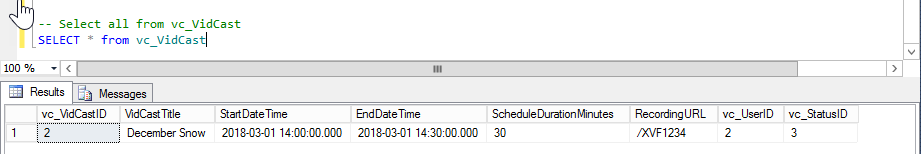
# Lab 06

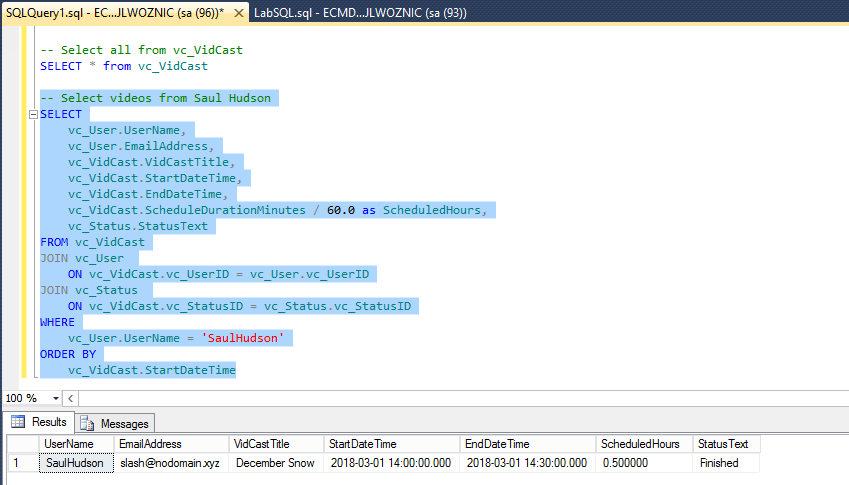
## Part 1 – Filling our Tables with Data

### First VidCast

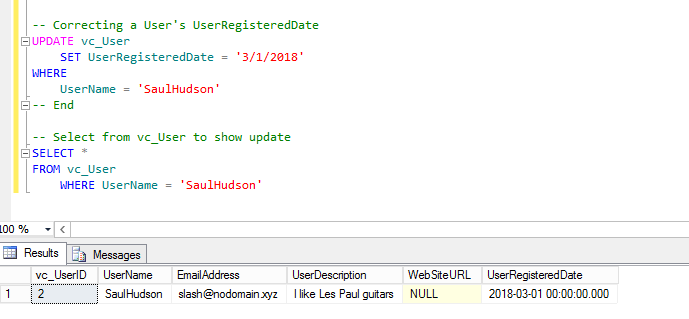
Tables now created with SQL Server 2014 on an old virtual machine 😊



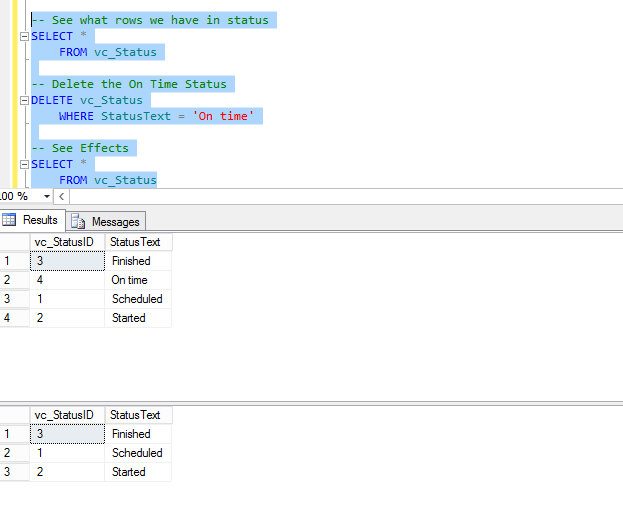
### Saul’s First VidCast



### Update a User

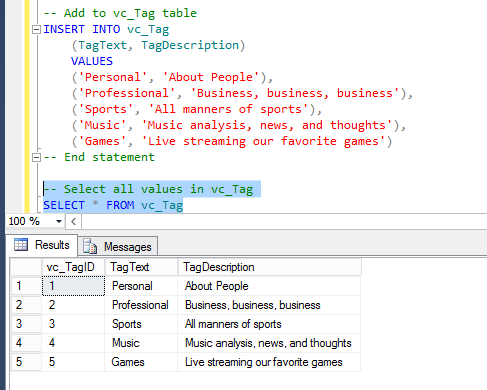


### No more on time

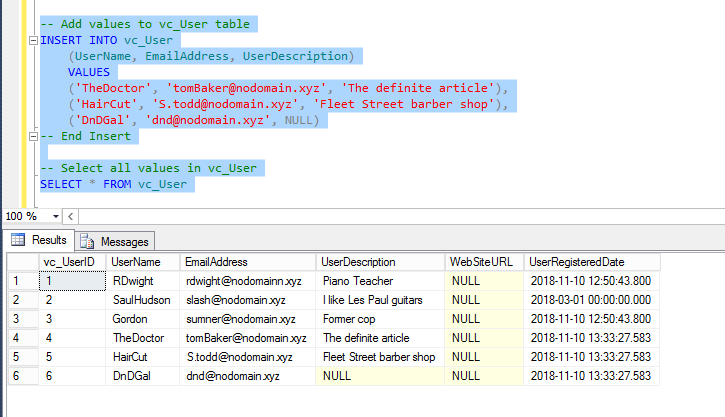


## Part 2 – Putting it All Together

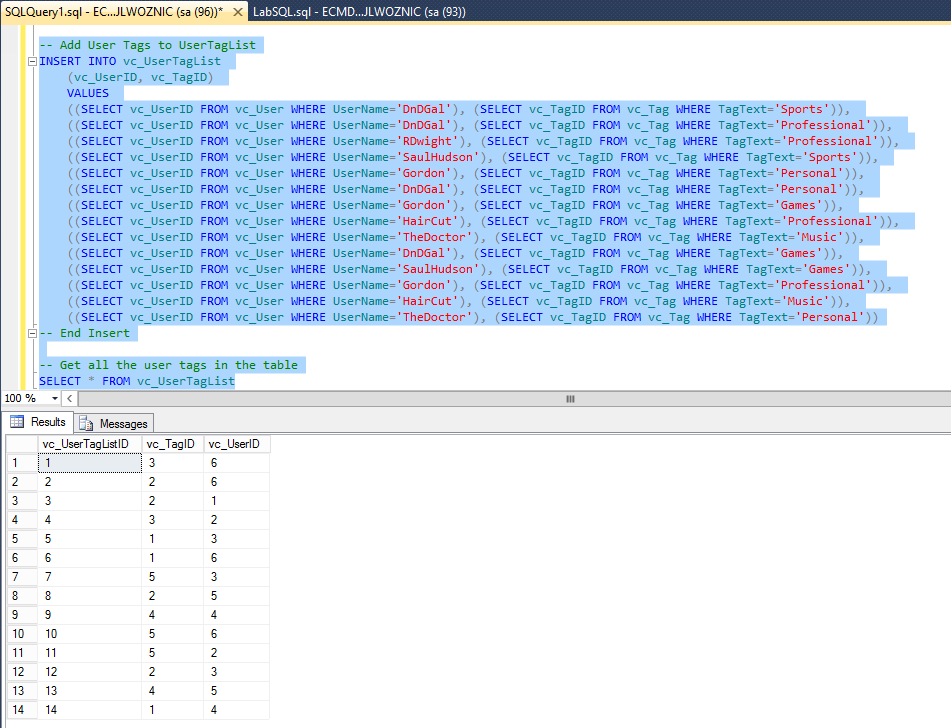
### Tags



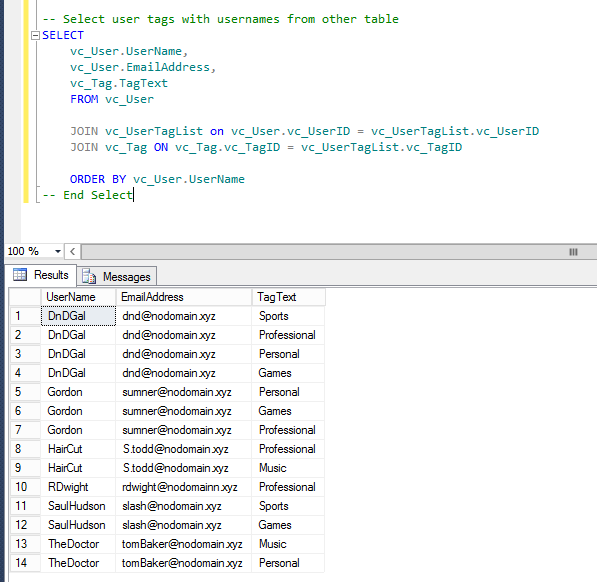
### Users



### User Tag List



### User Tags Report



## SQL Query File

Here is the SQL File that I used:

-- Adding a row to the vc\_Status table

INSERT INTO vc\_Status

(StatusText)

VALUES ('Scheduled')

-- Select from vc\_Status

SELECT \* FROM vc\_Status

-- Insert more values into vc\_Status

INSERT INTO vc\_Status

(StatusText)

VALUES ('Started'), ('Finished'), ('On time')

-- Select from vc\_User and vc\_Status

SELECT \* FROM vc\_User

WHERE UserName = 'SaulHudson'

SELECT \* FROM vc\_Status

WHERE StatusText = 'Finished'

-- Add to vc\_VidCast

INSERT INTO vc\_VidCast

(VidCastTitle, StartDateTime, EndDateTime, ScheduleDurationMinutes, RecordingURL, vc\_UserID, vc\_StatusID)

VALUES

('December Snow', '3/1/2018 14:00', '3/1/2018 14:30', 30, '/XVF1234', 2, 3)

-- Select all from vc\_VidCast

SELECT \* FROM vc\_VidCast

-- Select videos from Saul Hudson

SELECT

vc\_User.UserName,

vc\_User.EmailAddress,

vc\_VidCast.VidCastTitle,

vc\_VidCast.StartDateTime,

vc\_VidCast.EndDateTime,

vc\_VidCast.ScheduleDurationMinutes / 60.0 as ScheduledHours,

vc\_Status.StatusText

FROM vc\_VidCast

JOIN vc\_User

ON vc\_VidCast.vc\_UserID = vc\_User.vc\_UserID

JOIN vc\_Status

ON vc\_VidCast.vc\_StatusID = vc\_Status.vc\_StatusID

WHERE

vc\_User.UserName = 'SaulHudson'

ORDER BY

vc\_VidCast.StartDateTime

--- End

-- Correcting a User's UserRegisteredDate

UPDATE vc\_User

SET UserRegisteredDate = '3/1/2018'

WHERE

UserName = 'SaulHudson'

-- End

-- Select from vc\_User to show update

SELECT \*

FROM vc\_User

WHERE UserName = 'SaulHudson'

-- See what rows we have in status

SELECT \*

FROM vc\_Status

-- Delete the On Time Status

DELETE vc\_Status

WHERE StatusText = 'On time'

-- See Effects

SELECT \*

FROM vc\_Status

-- Add to vc\_Tag table

INSERT INTO vc\_Tag

(TagText, TagDescription)

VALUES

('Personal', 'About People'),

('Professional', 'Business, business, business'),

('Sports', 'All manners of sports'),

('Music', 'Music analysis, news, and thoughts'),

('Games', 'Live streaming our favorite games')

-- End statement

-- Select all values in vc\_Tag

SELECT \* FROM vc\_Tag

-- Add values to vc\_User table

INSERT INTO vc\_User

(UserName, EmailAddress, UserDescription)

VALUES

('TheDoctor', 'tomBaker@nodomain.xyz', 'The definite article'),

('HairCut', 'S.todd@nodomain.xyz', 'Fleet Street barber shop'),

('DnDGal', 'dnd@nodomain.xyz', NULL)

-- End Insert

-- Select all values in vc\_User

SELECT \* FROM vc\_User

-- Add User Tags to UserTagList

INSERT INTO vc\_UserTagList

(vc\_UserID, vc\_TagID)

VALUES

((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Sports')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='RDwight'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='SaulHudson'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Sports')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='Gordon'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Personal')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Personal')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='Gordon'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Games')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='HairCut'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='TheDoctor'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Music')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Games')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='SaulHudson'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Games')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='Gordon'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='HairCut'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Music')),

((SELECT vc\_UserID FROM vc\_User WHERE UserName='TheDoctor'), (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Personal'))

-- End Insert

-- Get all the user tags in the table

SELECT \* FROM vc\_UserTagList

-- Select user tags with usernames from other table

SELECT

vc\_User.UserName,

vc\_User.EmailAddress,

vc\_Tag.TagText

FROM vc\_User

JOIN vc\_UserTagList on vc\_User.vc\_UserID = vc\_UserTagList.vc\_UserID

JOIN vc\_Tag ON vc\_Tag.vc\_TagID = vc\_UserTagList.vc\_TagID

-- End Select