IM-UH 1511 **Introduction to Digital Humanities**

HOMEWORK 6

Albums and Songs

50 points totally

In [1]:
```
from bs4.element import NavigableString
import logging
import random
import six
import requests
from bs4 import BeautifulSoup as BS
import re
import pandas as pd
import sys
import math
import numpy as np
import matplotlib.pyplot as plt
import networkx as nx
import pygraphviz
from networkx.drawing.nx_agraph import graphviz_layout
import warnings
warnings.filterwarnings("ignore", category=RuntimeWarning)
warnings.filterwarnings("ignore", category=UserWarning)
warnings.simplefilter('ignore')
```

In [2]:
```python
def uniqueid():
    seed = random.getrandbits(1)
    while True:
        yield seed
        seed += 1

uid = uniqueid()

def get_lyrics(artist, get_album_genre=False):
    base_url = 'http://lyrics.wikia.com'
    url_ext = '/wiki/'
    search_url = base_url + url_ext + 'Special:Search?query=' + artist.repl
    search_resp = requests.get(search_url)
    soup = BS(search_resp.content, "lxml")
    results = soup.find_all('a', {'class': 'result-link'})
    artist_url = results[0].attrs['href']
    logging.info('GET Artist URL: ' + artist_url)
    req = requests.get(artist_url)
    resp = BS(req.content, 'html')
    genre = ''
    genre_tag = resp.find_all('table', {'class': 'artist-info-box'})
    if genre_tag:
        for atag in resp.find_all('table', {'class': 'artist-info-box'})[0]
            if 'Category:Genre' in atag.attrs['href']:
                genre += ('|' if genre else genre) + atag.text
    albums = {}
    nodes = resp.find_all('div', {'id': 'mw-content-text'})[0].find_all()
    for node in nodes:
        if node.name == 'h2':
            if node.find_all('span'):
                a_tag = node.find_all('a')
                album_url_span = node.findChild('span', {'class': 'mw-headl
                album_url_a = album_url_span if not album_url_span else alb
                album_url = album_url_a if not album_url_a else album_url_a
                title = 'Misc (0000)' if not a_tag else a_tag[0].text
                year_search = re.search('([0-9]{4})', title)
                album_year = None if not year_search else year_search.group
                albums[title] = {}
                albums[title]['year'] = album_year
                albums[title]['album_url'] = None if not album_url else (ba
        if node.name == 'ol':
            for song in node:
                track_a = song.find_all('a')
                if not track_a: continue
                if not track_a:
                    continue
                track_node = track_a[0]
                track_name = track_node.text
                track_href = track_node.get('href')
                if 'tracks' not in albums[title]:
                    albums[title]['tracks'] = {}
                albums[title]['tracks'][track_name] = track_href
    lyrics_obj = []
    try:
        album_keys = albums.keys()
        for album in album_keys:
            album_url = albums[album]['album_url']
            album_genre = ''
            if get_album_genre and album_url:
                album_req = requests.get(album_url)
                album_soup = BS(album_req.content, "lxml")
                genre_tag = album_soup.find_all('div', {'id': 'mw-content-t
                if genre_tag:
                    for atag in album_soup.findChild('div', {'id': 'mw-cont
                        if 'Category:Genre' in atag.attrs['href']:
                            album_genre += ('|' if album_genre else album_g
            logging.info('GET Artist Album: ' + album)
            track_keys = albums[album].get('tracks')
            if track_keys:
                year = albums[album]['year']
                for song in track_keys:
                    print(track_keys[song])
                    if track_keys[song] == None:
                        continue
                    else:
                        resp = requests.get(base_url + track_keys[song])
                        lyric_soup = BS(resp.content, "lxml")
                        lyrics_div = lyric_soup.find_all('div', {'class': '
                        lyrics_div = None if not lyrics_div else lyrics_div
                        if lyrics_div:
                            for lyric in lyrics_div.childGenerator():
                                if isinstance(lyric, NavigableString) and l
                                    lyric_dict = {
                                        'artist': artist,
                                        'lyric': lyric,
                                        'song': song,
                                        'year': year,
                                        'album': album,
                                        'id': next(uid),
                                        'id': six.next(uid),
                                        'genre': genre,
                                        'album_genre': album_genre
                                    }
                                    lyrics_obj.append(lyric_dict)
            logging.info('GET Artist Album Successful: ' + album)
        return lyrics_obj
    except KeyboardInterrupt:
        return lyrics_obj
```

In [3]:
```python
artist='Meatloaf'
songs = get_lyrics(artist)
print(len(songs))
songs[0]
```

```
/wiki/Meat_Loaf:Bat_Out_Of_Hell
/wiki/Meat_Loaf:You_Took_The_Words_Right_Out_Of_My_Mouth_(Hot_Summer_Nigh
t)
/wiki/Meat_Loaf:Heaven_Can_Wait
/wiki/Meat_Loaf:All_Revved_Up_With_No_Place_To_Go
/wiki/Meat_Loaf:Two_Out_Of_Three_Ain%27t_Bad
/wiki/Meat_Loaf:Paradise_By_The_Dashboard_Light
/wiki/Meat_Loaf:For_Crying_Out_Loud
/wiki/Meat_Loaf:Peel_Out
/wiki/Meat_Loaf:I%27m_Gonna_Love_Her_For_Both_Of_Us
/wiki/Meat_Loaf:More_Than_You_Deserve
/wiki/Meat_Loaf:I%27ll_Kill_You_If_You_Don%27t_Come_Back
/wiki/Meat_Loaf:Read_%27Em_And_Weep
/wiki/Meat_Loaf:Nocturnal_Pleasure
/wiki/Meat_Loaf:Dead_Ringer_For_Love
/wiki/Meat_Loaf:Everything_Is_Permitted
/wiki/Meat_Loaf:Razor%27s_Edge
/wiki/Meat_Loaf:Midnight_At_The_Lost_And_Found
/wiki/Meat_Loaf:Wolf_At_Your_Door
```

In [4]:
```
sdf = pd.DataFrame(songs)
group = ['song', 'year', 'album', 'genre', 'artist']
ldf = sdf.sort_values(group)\
       .groupby(group).lyric\
       .apply(' '.join)\
       .reset_index(name='lyric')
print(len(ldf))
ldf.rename(columns={'album': 'albumy'}, inplace=True)
ldf.columns
alb=[]
for i in range(len(ldf)):
    alb.append(ldf.iloc[i]['albumy'][:-7])
ldf['album']=alb
# ldf=ldf.drop('albumy', axis=1)
ldf=ldf.drop('genre', axis=1)
ldf=ldf.drop('artist', axis=1)
ldf=ldf[["song","album","year","albumy","lyric"]]
ldf
```

```
260
```

In [5]:
```
lg=ldf["song"].groupby(ldf["albumy"]).count()
lg=lg.reset_index()
lg.rename(columns={'song': 'number of songs'}, inplace=True)
lg
```

Out[5]:

	albumy	number of songs
0	Back From Hell - The Very Best (1993)	15
1	Bad Attitude (1984)	9
2	Bat Out Of Hell II: Back Into Hell (1993)	10
3	Bat Out Of Hell III: The Monster Is Loose (2006)	14
4	Bat Out of Hell (1977)	7
5	Bat out of Hell: Live with the Melbourne Symph...	9
6	Blind Before I Stop (1986)	10
7	Braver Than We Are (2016)	10
8	Couldn't Have Said It Better (2003)	14
9	Dead Ringer (1981)	8
10	Hang Cool Teddy Bear (2010)	22
11	Heaven & Hell (1989)	14
12	Hell In A Handbasket (2011)	12
13	Hell Is Everywhere (1994)	7
14	Hits Out of Hell (1984)	10
15	Live Around the World (1996)	18
16	Live at Wembley (1987)	10
17	Midnight At The Lost & Found (1983)	10
18	Royal Philharmonic Orchestra Plays Meat Loaf (...	12
19	The Very Best of Meat Loaf (1998)	18
20	VH1 Storytellers (1999)	11
21	Welcome to the Neighborhood (1995)	10

In [6]:
```
albums=list(set(ldf.album.values))
year=[]
no_songs=[]
for a in albums:
    no_songs.append(len(list(set(ldf.loc[ldf['album']==a]['song'].values)))
    year.append(list(set(ldf.loc[ldf['album']==a]['year'].values))[0])
    y=' '.join(list(set(ldf.loc[ldf['album']==a]['year'].values)))
    c=[]
album = albums
lgy = pd.DataFrame(
    {'album': album,
     'year': year,
     'number of songs': no_songs
    })
lgy=lgy[["album",'year','number of songs']]
lgy.sort_values('year')
```

Out[6]:

	album	year	number of songs
7	Bat Out of Hell	1977	7
6	Dead Ringer	1981	8
13	Midnight At The Lost & Found	1983	10
1	Bad Attitude	1984	9
5	Hits Out of Hell	1984	10
10	Blind Before I Stop	1986	10
2	Live at Wembley	1987	10
15	Heaven & Hell	1989	14
19	Back From Hell - The Very Best	1993	15
14	Bat Out Of Hell II: Back Into Hell	1993	10
20	Hell Is Everywhere	1994	7
0	Welcome to the Neighborhood	1995	10
9	Live Around the World	1996	18
12	The Very Best of Meat Loaf	1998	18
4	Royal Philharmonic Orchestra Plays Meat Loaf	1999	12
11	VH1 Storytellers	1999	11
18	Couldn't Have Said It Better	2003	14
8	Bat out of Hell: Live with the Melbourne Symph...	2004	9
3	Bat Out Of Hell III: The Monster Is Loose	2006	14
16	Hang Cool Teddy Bear	2010	22
21	Hell In A Handbasket	2011	12
17	Braver Than We Are	2016	10

1. The bipartite graph of songs and albums

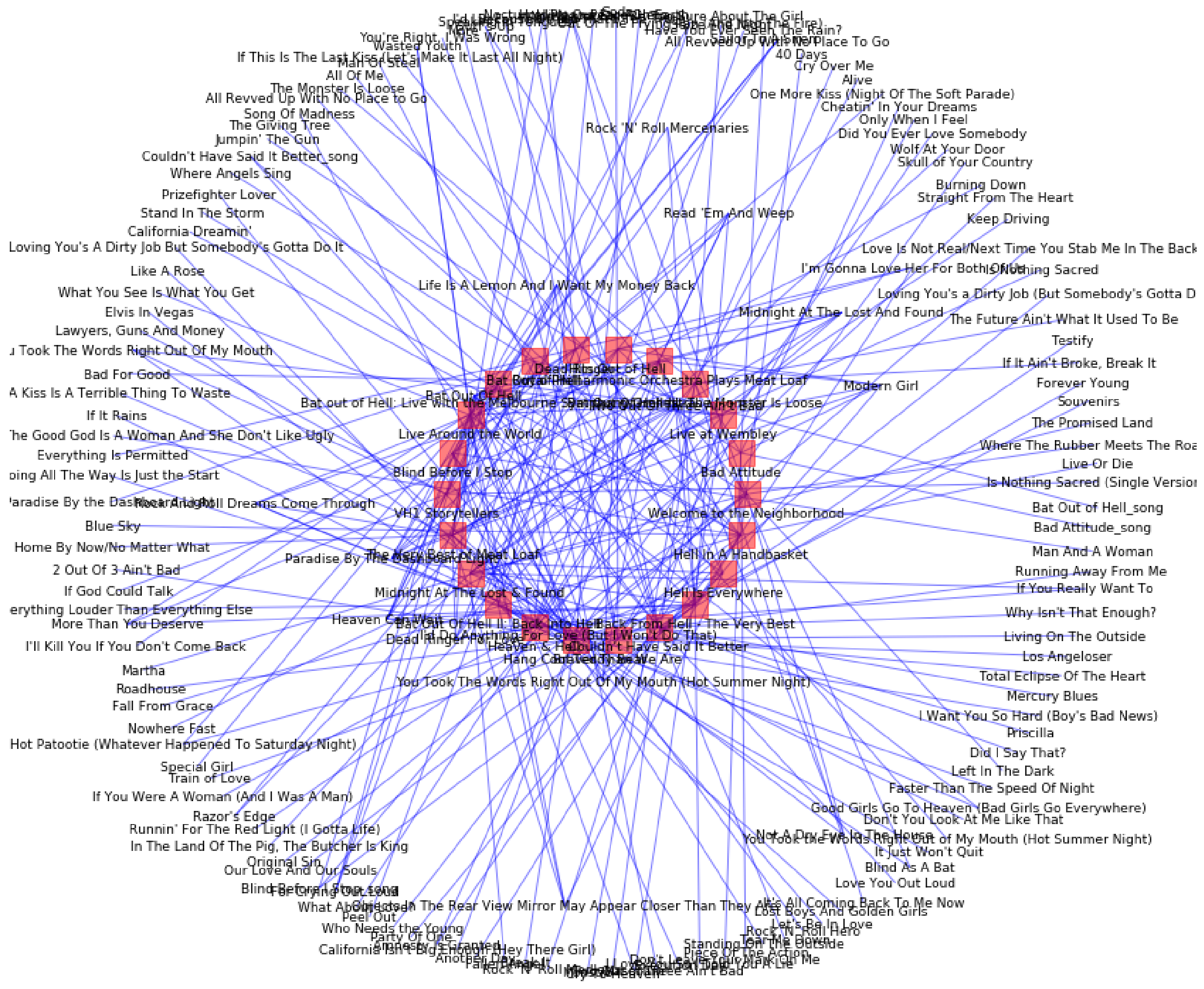
In [7]:
```
sae=[]
for i in range(len(ldf)):
    s=ldf.iloc[i]['song']
    a=ldf.iloc[i]['album']
    y=ldf.iloc[i]['year']
    ly=ldf.iloc[i]['lyric']
    sae.append((s,a,y,ly))
saed=[]
for t in sae:
    year_l={'year_l':(t[2],t[3])}
    if t[0] not in ldf.album.unique():
        saed.append((t[0],t[1],year_l)) #,lyric))
    else:
        saed.append((t[0]+"_song",t[1],year_l))
saed=sorted(saed)
albums=list(set(ldf.album.values))
# songs=set(ldf.song.values)
t1=[]
t11=[]
t2=[]
for a in albums:
    for s in ldf.song.unique():
        if s==a:
            t11.append(s)
            ss=s+"_song"
            if ss not in t1:
                t1.append(ss)
for s in ldf.song.unique():
     if s not in t11:
        t2.append(s)
songs=t1+t2
for i in songs:
    if i in albums:
        print(i)
H=nx.MultiGraph()
H.add_edges_from(saed)
print("The graph H connecting the %i songs to the %i albums has: \n %i node
print("Is H multigraph?", H.is_multigraph())
print("Is H bipartite?", nx.is_bipartite(H))
```

```
The graph H connecting the 150 songs to the 22 albums has:
 172 nodes and 260 edges
Is H multigraph? True
Is H bipartite? True
```

In [8]:
```
pos = nx.spring_layout(H, k=15.,iterations=1000)
r=0.3 #26
Ga=nx.Graph()
Ga.add_nodes_from(albums)
posalb=nx.circular_layout(Ga)
for a in albums:
    pos[a]=(r*posalb[a][0],r*posalb[a][1])
```

In [9]:
```
figsize=(15,15)

plt.figure(figsize=figsize);
nodes1 = nx.draw_networkx_nodes(H, pos, nodelist=list(albums),node_color="r
nodes2 = nx.draw_networkx_nodes(H, pos, nodelist=list(songs),node_size=0,no
nx.draw_networkx_edges(H, pos, edge_color="b", alpha=0.5)
plt.axis('off');
yoffset = {}
y_off = -0.04  # offset on the y axis
for k, v in pos.items():
    if k in albums:
        yoffset[k] = (v[0], v[1]+y_off)
    else:
        yoffset[k] = v
nx.draw_networkx_labels(H, yoffset,font_size=9);
sst="The bipartite graph of %s songs and albums" %artist
plt.title(sst,fontsize=15);
plt.margins(x=0.1, y=0.1)
```

The bipartite graph of Meatloaf songs and albums

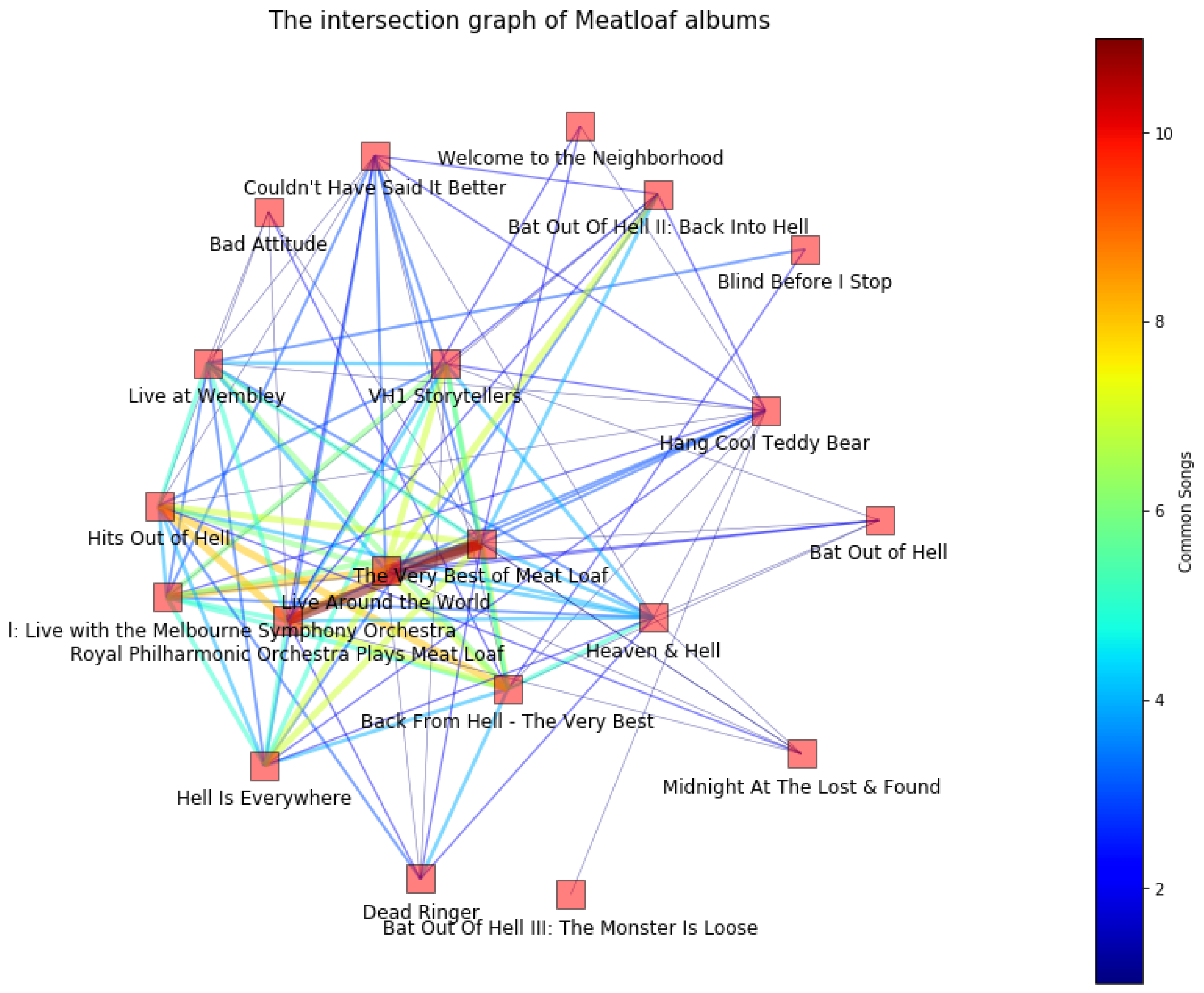

You're Right, I Was Wrong
Wasted Youth
If This Is The Last Kiss (Let's Make It Last All Night)
Man Of Steel
All Of Me
The Monster Is Loose
All Revved Up With No Place to Go
Song Of Madness
The Giving Tree
Jumpin' The Gun
Couldn't Have Said It Better_song
Where Angels Sing
Prizefighter Lover
Stand In The Storm
California Dreamin'
Loving You's A Dirty Job But Somebody's Gotta Do It
Like A Rose
What You See Is What You Get
Elvis In Vegas
Lawyers, Guns And Money
u Took The Words Right Out Of My Mouth
Bad For Good
A Kiss Is A Terrible Thing To Waste
If It Rains
he Good God Is A Woman And She Don't Like Ugly
Everything Is Permitted
oing All The Way Is Just the Start
aradise By the Dashboard Light
Rock And Roll Dreams Come Through
Blue Sky
Home By Now/No Matter What
2 Out Of 3 Ain't Bad
If God Could Talk
erything Louder Than Everything Else
More Than You Deserve
I'll Kill You If You Don't Come Back
Martha
Roadhouse
Fall From Grace
Nowhere Fast
Hot Patootie (Whatever Happened To Saturday Night)
Special Girl
Train of Love
If You Were A Woman (And I Was A Man)
Razor's Edge
Runnin' For The Red Light (I Gotta Life)
In The Land Of The Pig, The Butcher Is King
Original Sin
Our Love And Our Souls
Blind Before I Stop_song
For Crying Out Loud
What About Love
Objects In The Rear View Mirror May Appear Closer Than They Are
Peel Out
Who Needs the Young
Party Of One
California Isn't Big Enough
Amnesty Is Granted
Hey There Girl
Rock 'N' Roll Mercenaries
Have You Ever Seen The Rain?
All Revved Up With No Place To Go
40 Days
Cry Over Me
Alive
One More Kiss (Night Of The Soft Parade)
Cheatin' In Your Dreams
Only When I Feel
Did You Ever Love Somebody
Wolf At Your Door
Skull of Your Country
Burning Down
Straight From The Heart
Keep Driving
Love Is Not Real/Next Time You Stab Me In The Back
I'm Gonna Love Her For Both Of Us
Is Nothing Sacred
Loving You's a Dirty Job (But Somebody's Gotta D
The Future Ain't What It Used To Be
Testify
If It Ain't Broke, Break It
Forever Young
Souvenirs
The Promised Land
Where The Rubber Meets The Roa
Live Or Die
Is Nothing Sacred (Single Versio
Bat Out of Hell_song
Bad Attitude_song
Man And A Woman
Running Away From Me
If You Really Want To
Why Isn't That Enough?
Living On The Outside
Los Angeloser
Total Eclipse Of The Heart
Mercury Blues
I Want You So Hard (Boy's Bad News)
Priscilla
Did I Say That?
Left In The Dark
Faster Than The Speed Of Night
Good Girls Go To Heaven (Bad Girls Go Everywhere)
Don't You Look At Me Like That
You Took the Words Right Out of My Mouth (Hot Summer Night)
It Just Won't Quit
Blind As A Bat
Love You Out Loud
It's All Coming Back To Me Now
Lost Boys And Golden Girls
Let's Be In Love
Rock 'N' Roll Hero
Standing On the Outside
Piece Of The Action
Rock 'N' Roll Read 'Em And Weep
Life Is A Lemon And I Want My Money Back
Midnight At The Lost And Found
Modern Girl
Dead Ringer
Bat Out of Hell
Bat out of Hell: Live With the Melbourne Symphony Orchestra
Bat Out Of Hell
Live Around the World
Live at Wembley
Blind Before I Stop
Bad Attitude
VH1 Storytellers
Welcome to the Neighborhood
Paradise By The Dashboard Light
The Very Best of Meat Loaf
Hell in A Handbasket
Midnight At The Lost & Found
Hell Is Everywhere
Heaven Can Wait
Bat Out Of Hell II: Back Into Hell
Back From Hell - The Very Best
I'd Do Anything For Love (But I Won't Do That)
Dead Ringer For Love
Heaven & Hell
Couldn't Have Said It Better
Hang Cool Teddy Bear
Braver Than We Are
You Took The Words Right Out Of My Mouth (Hot Summer Night)
Royal Philharmonic Orchestra Plays Meat Loaf
Dead Ringer
The Monster Is Loose

2. The intersection graph of albums in the songs that they contain

In [10]:
```
aed=[]
for a1 in albums:
    for a2 in albums:
        if a2!=a1:
            t=[]
            for s in songs:
                if ((s,a1) in H.edges() and (s,a2) in H.edges()) or ((a1,s)
                    t.append(s)
            if len(t)>0:
                aed.append((a1, a2, len(t)))
waed=[]
for t in aed:
    weight={'weight':t[2]}
    waed.append((t[0],t[1],weight))
waed=sorted(waed)
HA=nx.Graph()
HA.add_edges_from(waed)
print("The graph HA connecting albums containing common songs has: \n %i no
print("Is HA weighted?", nx.is_weighted(HA))
```

```
The graph HA connecting albums containing common songs has:
 20 nodes and 104 edges
Is HA weighted? True
```

In [11]:
```
weight=nx.get_edge_attributes(HA,'weight')
weight_list = [ e[2]['weight'] for e in HA.edges(data=True) ]
weight_list

cmap=plt.cm.jet #BrBG #ocean #coolwarm #plt.cm.tab20b
edge_color=weight_list
vmin = min(edge_color)
vmax = max(edge_color)
width_list=[0.6*w for w in weight_list] # [math.log(1+w) for w in weight_li

plt.figure(figsize=(10,7));
pos = nx.spring_layout(HA, k=15, iterations=200) #graphviz_layout(HA)
node_border_color='k'
nodes = nx.draw_networkx_nodes(HA, pos=pos,node_shape='s', node_color='r',
nodes.set_edgecolor(node_border_color)
nx.draw_networkx_edges(HA, pos=pos,width=width_list,edge_color=weight_list,
# nx.draw_networkx_edge_labels(HA,pos=pos,edge_labels=weight);
plt.axis('off');
yoffset = {}
y_off = -0.08  # offset on the y axis
for k, v in pos.items():
    yoffset[k] = (v[0], v[1]+y_off)
nx.draw_networkx_labels(HA, yoffset);
sm = plt.cm.ScalarMappable(cmap=cmap, norm=plt.Normalize(vmin=vmin, vmax=vm
sm.set_array([])
cbar = plt.colorbar(sm,label="Common Songs") #, orientation='horizontal')
plt.tight_layout(-5)
sst="The intersection graph of %s albums" %artist
plt.title(sst,fontsize=15);
plt.margins(x=0.2, y=0.1)
```

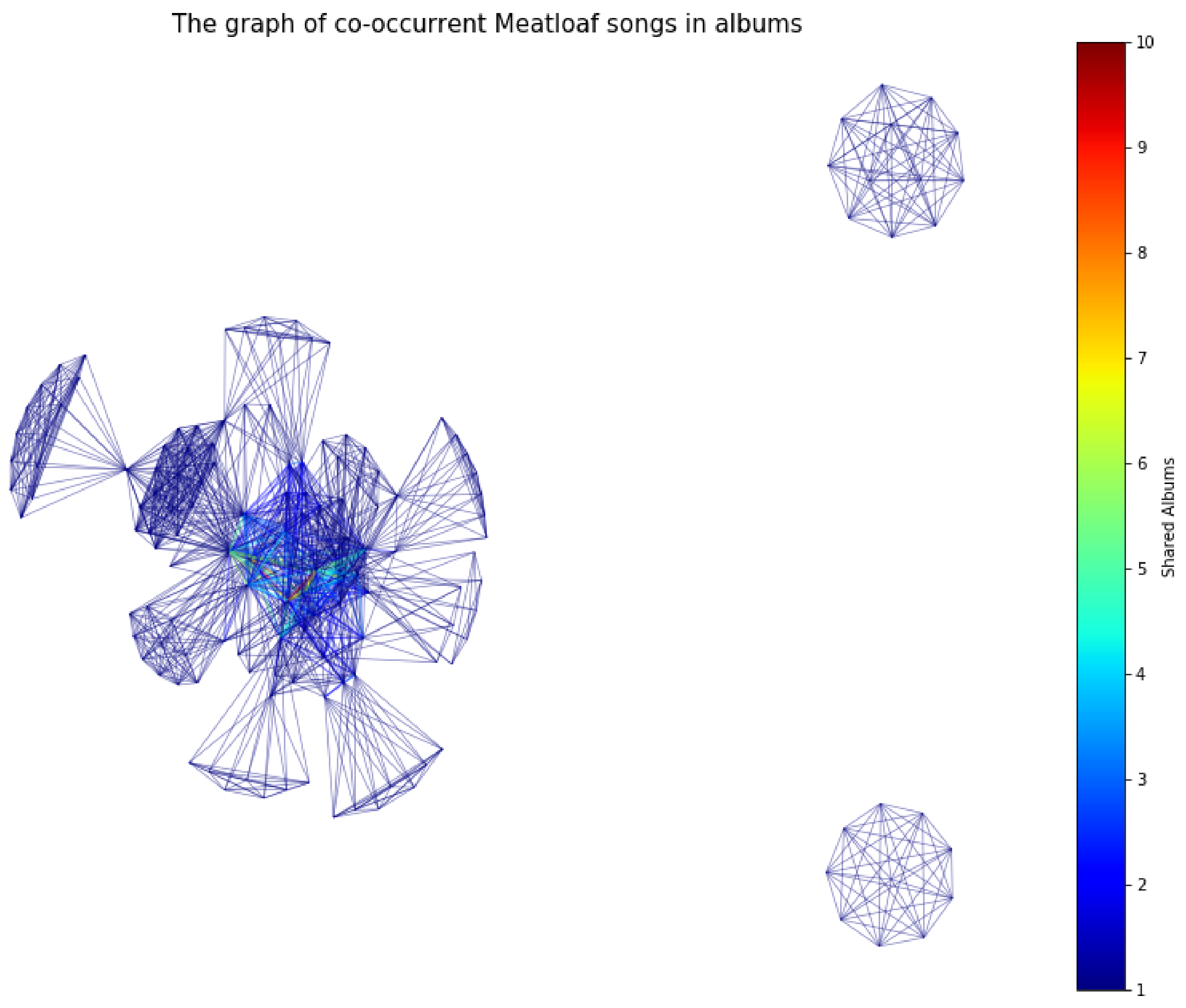


3. The graph of co-occurring songs in the albums

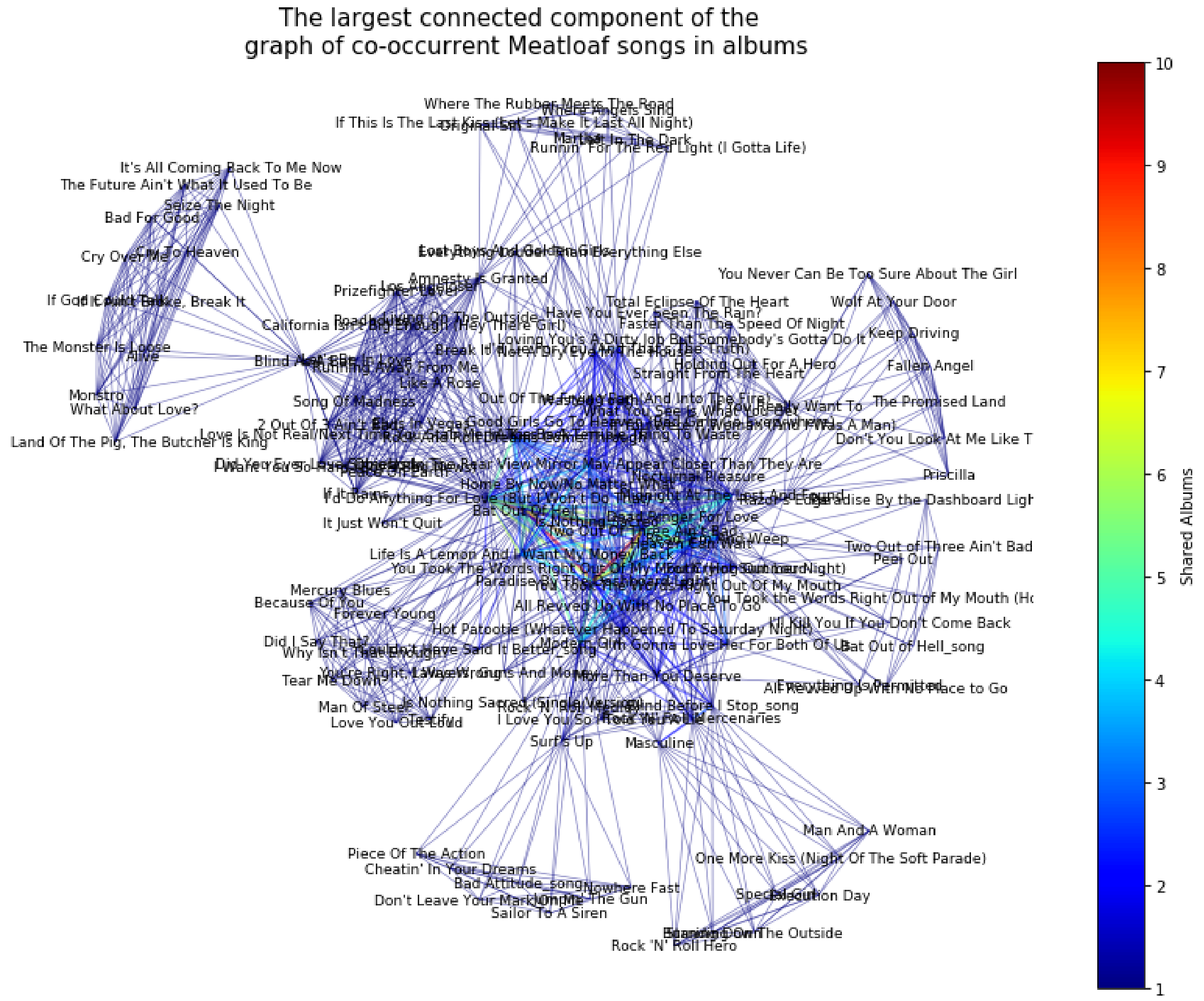
In [12]:
```
aed=[]
for a1 in songs:
    for a2 in songs:
        if a2!=a1:
            t=[]
            for s in albums:
                if ((s,a1) in H.edges() and (s,a2) in H.edges()) or ((a1,s)
                    t.append(s)
            if len(t)>0:
                aed.append((a1, a2, len(t)))
waed=[]
for t in aed:
    weight={'weight':t[2]}
    waed.append((t[0],t[1],weight))
waed=sorted(waed)
HA=nx.Graph()
HA.add_edges_from(waed)
print("The graph HA connecting songs co-occurring in albums has: \n %i node
print("Is HA weighted?", nx.is_weighted(HA))
```

```
The graph HA connecting songs co-occurring in albums has:
 150 nodes and 1229 edges
Is HA weighted? True
```

In [13]:
```
weight=nx.get_edge_attributes(HA,'weight')
weight_list = [ e[2]['weight'] for e in HA.edges(data=True) ]
weight_list

cmap=plt.cm.jet #BrBG #ocean #coolwarm #plt.cm.tab20b
edge_color=weight_list
vmin = min(edge_color)
vmax = max(edge_color)
width_list=[math.log(1+w) for w in weight_list] # [0.6*w for w in weight_li

plt.figure(figsize=(10,7));
pos=graphviz_layout(HA)
node_border_color='k'
nodes = nx.draw_networkx_nodes(HA, pos=pos,node_size=0,node_shape='s', node
nodes.set_edgecolor(node_border_color)
nx.draw_networkx_edges(HA, pos=pos,width=width_list,edge_color=weight_list,
plt.axis('off');
sm = plt.cm.ScalarMappable(cmap=cmap, norm=plt.Normalize(vmin=vmin, vmax=vm
sm.set_array([])
cbar = plt.colorbar(sm,label="Shared Albums") #, orientation='horizontal')
plt.tight_layout(-5)
sst="The graph of co-occurrent %s songs in albums" %artist
plt.title(sst,fontsize=15);
```



In [14]:
```
giant = max(nx.connected_component_subgraphs(HA), key=len)
plt.figure(figsize=(10,7));
HA=giant
weight=nx.get_edge_attributes(HA,'weight')
weight_list = [ e[2]['weight'] for e in HA.edges(data=True) ]
weight_list

cmap=plt.cm.jet #BrBG #ocean #coolwarm #plt.cm.tab20b
edge_color=weight_list
vmin = min(edge_color)
vmax = max(edge_color)
width_list=[math.log(1+w) for w in weight_list] # [0.6*w for w in weight_li

pos=graphviz_layout(HA)
node_border_color='k'
nodes = nx.draw_networkx_nodes(HA, pos=pos,node_size=0,node_shape='s', node
nodes.set_edgecolor(node_border_color)
nx.draw_networkx_edges(HA, pos=pos,width=width_list,edge_color=weight_list,
plt.axis('off');
yoffset = {}
y_off = -0.08  # offset on the y axis
for k, v in pos.items():
    yoffset[k] = (v[0], v[1]+y_off)
nx.draw_networkx_labels(HA, yoffset,font_size=9,);
sm = plt.cm.ScalarMappable(cmap=cmap, norm=plt.Normalize(vmin=vmin, vmax=vm
sm.set_array([])
cbar = plt.colorbar(sm,label="Shared Albums") #, orientation='horizontal')
plt.tight_layout(-5)
sst="The largest connected component of the \n graph of co-occurrent %s son
plt.title(sst,fontsize=15);
plt.margins(x=0.1, y=0.05)
```


The largest connected component of the
graph of co-occurrent Meatloaf songs in albums
Shared Albums
1
2
3
4
5
6
7
8
9
10
Where The Rubber Meets The Road
Where Angels Sing
If This Is The Last Kiss (Let's Make It Last All Night)
Original Sin
Martha
Lost In The Dark
Runnin' For The Red Light (I Gotta Life)
It's All Coming Back To Me Now
The Future Ain't What It Used To Be
Seize The Night
Bad For Good
Cry To Heaven
Cry Over Me
If God Could Talk
Prize, Break It
The Monster Is Loose
Alive
Monstro
What About Love?
Land Of The Pig, The Butcher Is King
Everything Louder Than Everything Else
Amnesty Is Granted
Prizefighter
Los Angeloser
California Isn't Big Enough
Living On The Outside
Have You Ever Seen The Rain?
Total Eclipse Of The Heart
Faster Than The Speed Of Night
Loving You's A Dirty Job But Somebody's Gotta Do It
You Never Can Be Too Sure About The Girl
Wolf At Your Door
Keep Driving
Fallen Angel
Holding Out For A Hero
Straight From The Heart
Blind As A Bat
Running Away From Me
Like A Rose
Song Of Madness
Out Of The Frying Pan (And Into The Fire)
Wasted Youth
What You See Is What You Get
I'll Do Anything For Love (But I Won't Do That)
The Promised Land
Don't You Look At Me Like That
Priscilla
2 Out Of 3 Ain't Bad
Bats In Vegas
Good Girls Go To Heaven (Bad Girls Go Everywhere)
Love Is Not Real/Next Time You Stab Me In The Back
Rock And Roll Dreams Come Through
A Kiss Is A Terrible Thing To Waste
I Want You So Hard (Boy's Bad News)
Objects In The Rear View Mirror May Appear Closer Than They Are
Did You Ever Love Somebody
Peace On Earth
Nocturnal Pleasure
Home By Now/No Matter What
If It Ain't Broke
It Just Won't Quit
Bat Out Of Hell
Is Nothing Sacred
Two Out Of Three Ain't Bad
Heaven Can Wait
Dead Ringer For Love
For Crying Out Loud
Midnight At The Lost And Found
Razor's Edge
Paradise By the Dashboard Light
Two Out of Three Ain't Bad
Peel Out
Life Is A Lemon And I Want My Money Back
You Took The Words Right Out Of My Mouth (Hot Summer Night)
Paradise By The Dashboard Light
You Took The Words Right Out Of My Mouth
You Took the Words Right Out of My Mouth (Hot Summer Night)
Mercury Blues
Because Of You
Forever Young
All Revved Up With No Place To Go
I'll Kill You If You Don't Come Back
Hot Patootie (Whatever Happened To Saturday Night)
Did I Say That?
Why Isn't That Enough?
Modern Girl
I'm Gonna Love Her For Both Of Us
Bat Out of Hell_song
You're Right, I Was Wrong
Guns And Money
More Than You Deserve
All Revved Up With No Place to Go
Everything Is Permitted
Tear Me Down
Man Of Steel
Is Nothing Sacred (Single Version)
Rock 'N' Roll Mercenaries
Love You Out Loud
Testify
I Love You So Much It Hurts
Surf's Up
Masculine
Man And A Woman
One More Kiss (Night Of The Soft Parade)
Piece Of The Action
Cheatin' In Your Dreams
Bad Attitude_song
Nowhere Fast
Jumpin' The Gun
Don't Leave Your Mark On Me
Sailor To A Siren
Special Girl
Execution Day
Burning Down
Surf's Up
Rock 'N' Roll Hero
Standing On The Outside

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