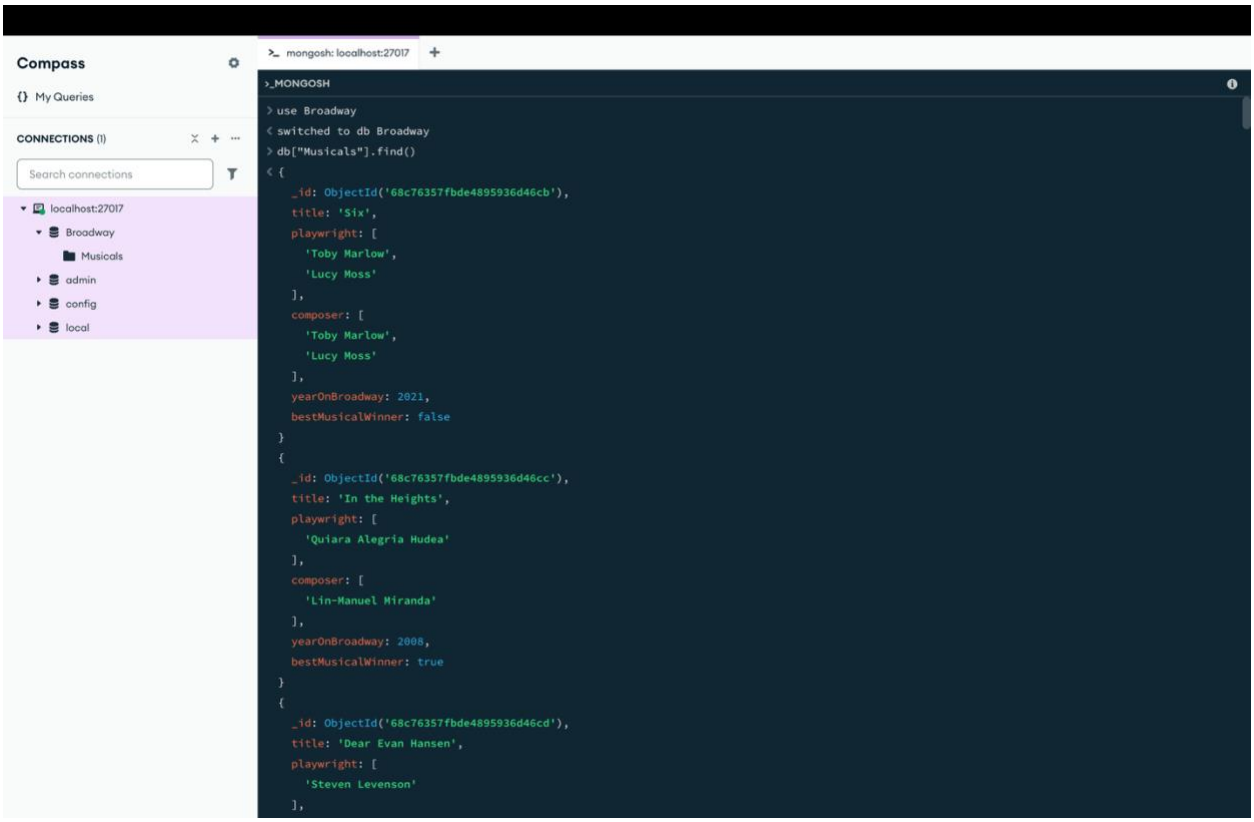
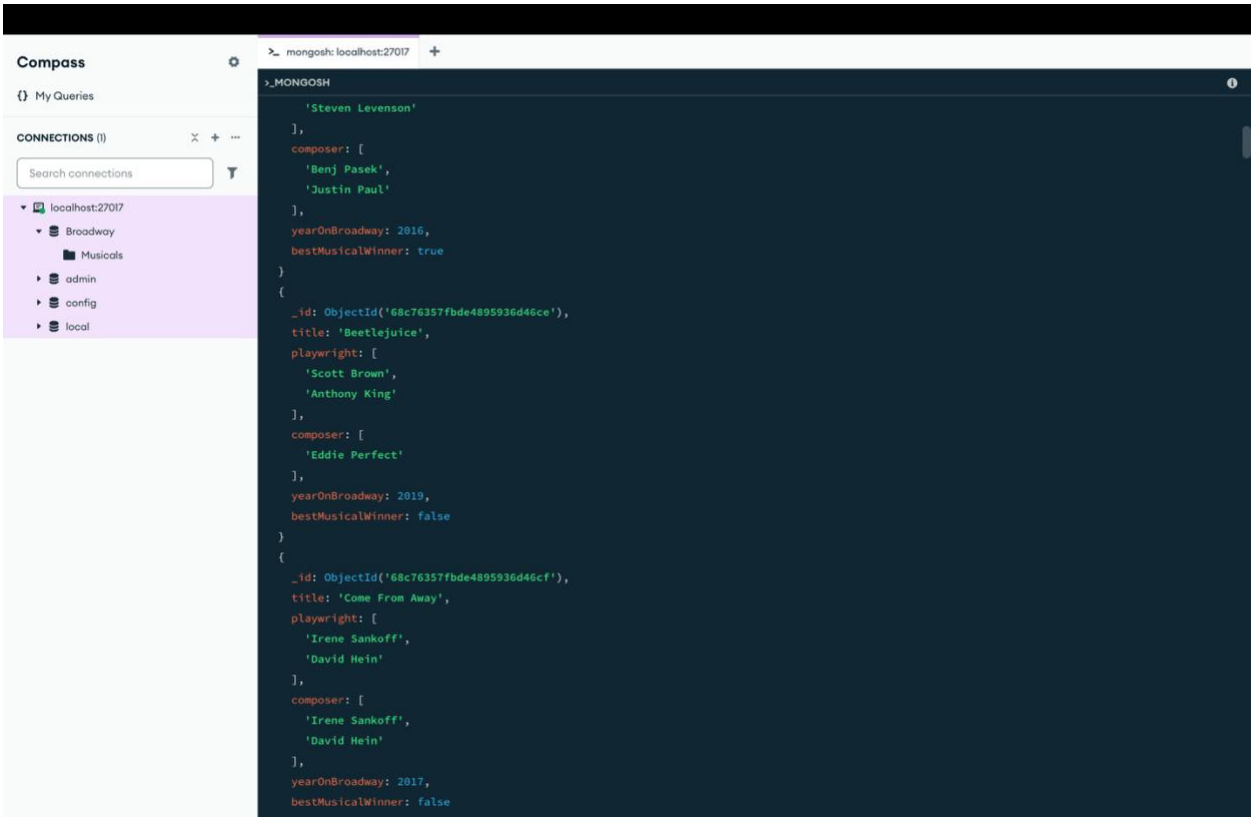
Nicole Casey-Sciullo
CMPS 364: NoSQL Databases
Module 3 Assignment

Github Repository:
https://github.com/ncasey-ppu/CMPS364

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My Queries
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Search connections
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Broadway
Musicals
admin
config
local
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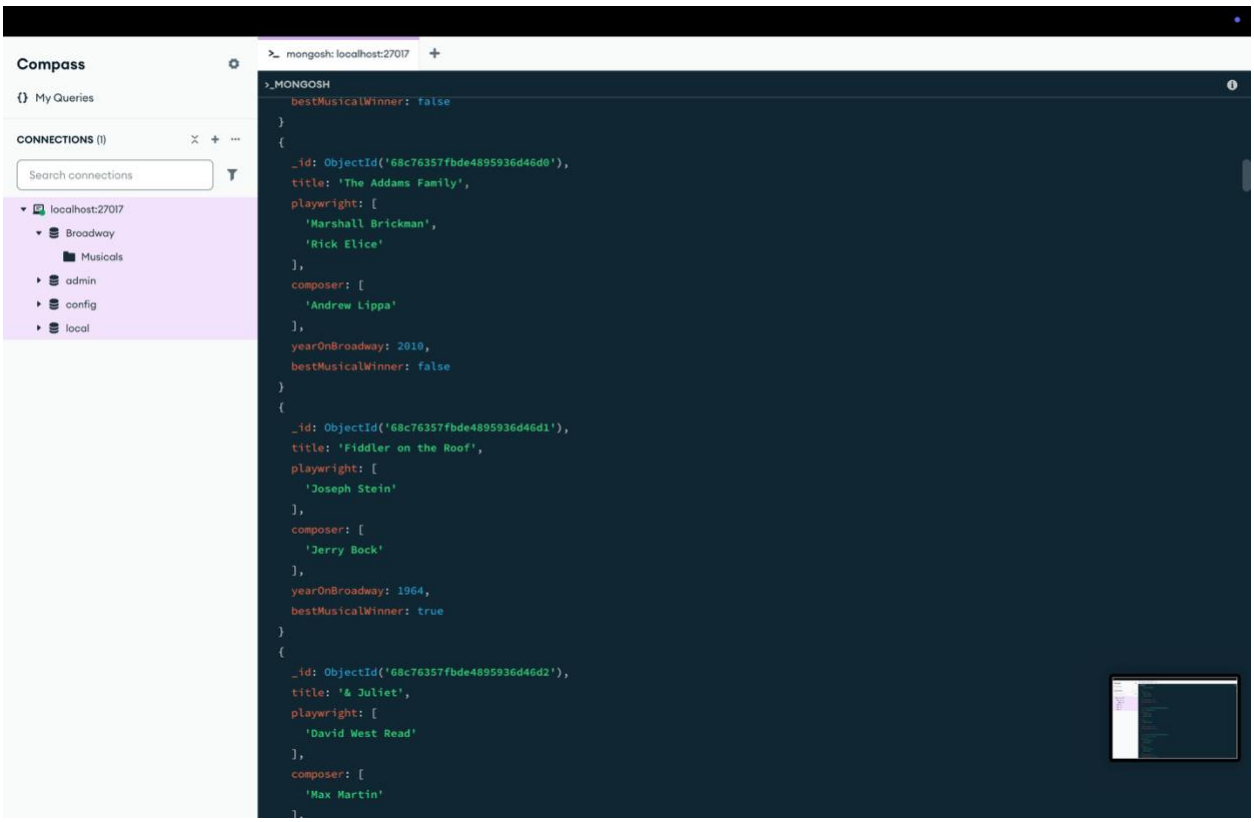
>_MONGOSH
'Steven Levenson'
composer: [
'Benj Pasek',
'Justin Paul'
yearOnBroadway: 2016,
bestMusicalWinner: true
_id: ObjectId('68c76357fbde4895936d46ce'),
title: 'Beetlejuice',
playwright: [
'Scott Brown',
'Anthony King'
composer: [
'Eddie Perfect'
yearOnBroadway: 2019,
bestMusicalWinner: false
_id: ObjectId('68c76357fbde4895936d46cf'),
title: 'Come From Away',
playwright: [
'Irene Sankoff',
'David Hein'
composer: [
'Irene Sankoff',
'David Hein'
yearOnBroadway: 2017,
bestMusicalWinner: false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My Queries
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Musicals
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config
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mongosh: localhost:27017
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bestMusicalWinner: false
_id: ObjectId('68c76357fbde4895936d46d0'),
title: 'The Addams Family',
playwright: [
'Marshall Brickman',
'Rick Elice'
composer: [
'Andrew Lippa'
yearOnBroadway: 2010,
bestMusicalWinner: false
_id: ObjectId('68c76357fbde4895936d46d1'),
title: 'Fiddler on the Roof',
playwright: [
'Joseph Stein'
composer: [
'Jerry Bock'
yearOnBroadway: 1964,
bestMusicalWinner: true
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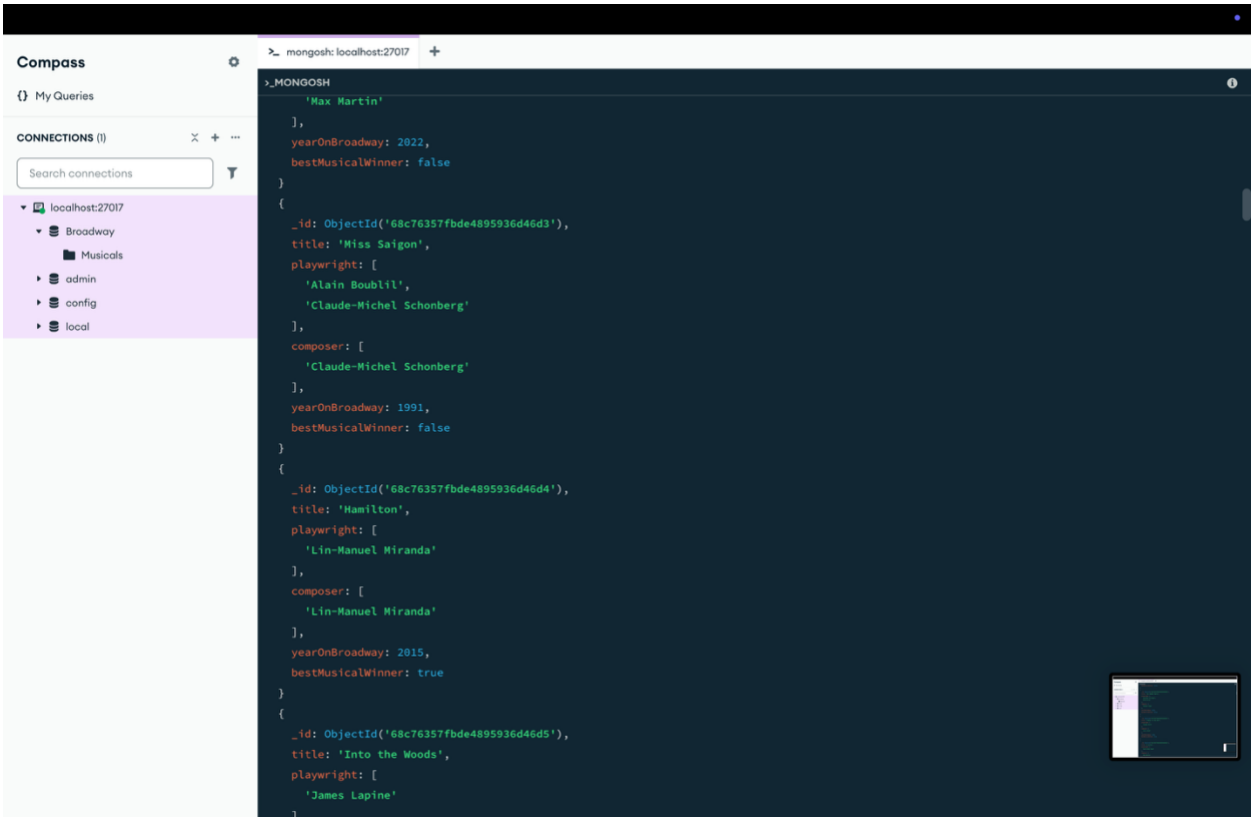
title: '& Juliet',
playwright: [
'David West Read'
composer: [
'Max Martin'


Compass
My Queries
CONNECTIONS (1)
Search connections
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Broadway
Musicals
admin
config
local
mongosh: localhost:27017
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'Max Martin'
],
yearOnBroadway: 2022,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d3'),
title: 'Miss Saigon',
playwright: [
'Alain Boublil',
'Claude-Michel Schonberg'
],
composer: [
'Claude-Michel Schonberg'
],
yearOnBroadway: 1991,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d4'),
title: 'Hamilton',
playwright: [
'Lin-Manuel Miranda'
],
composer: [
'Lin-Manuel Miranda'
],
yearOnBroadway: 2015,
bestMusicalWinner: true
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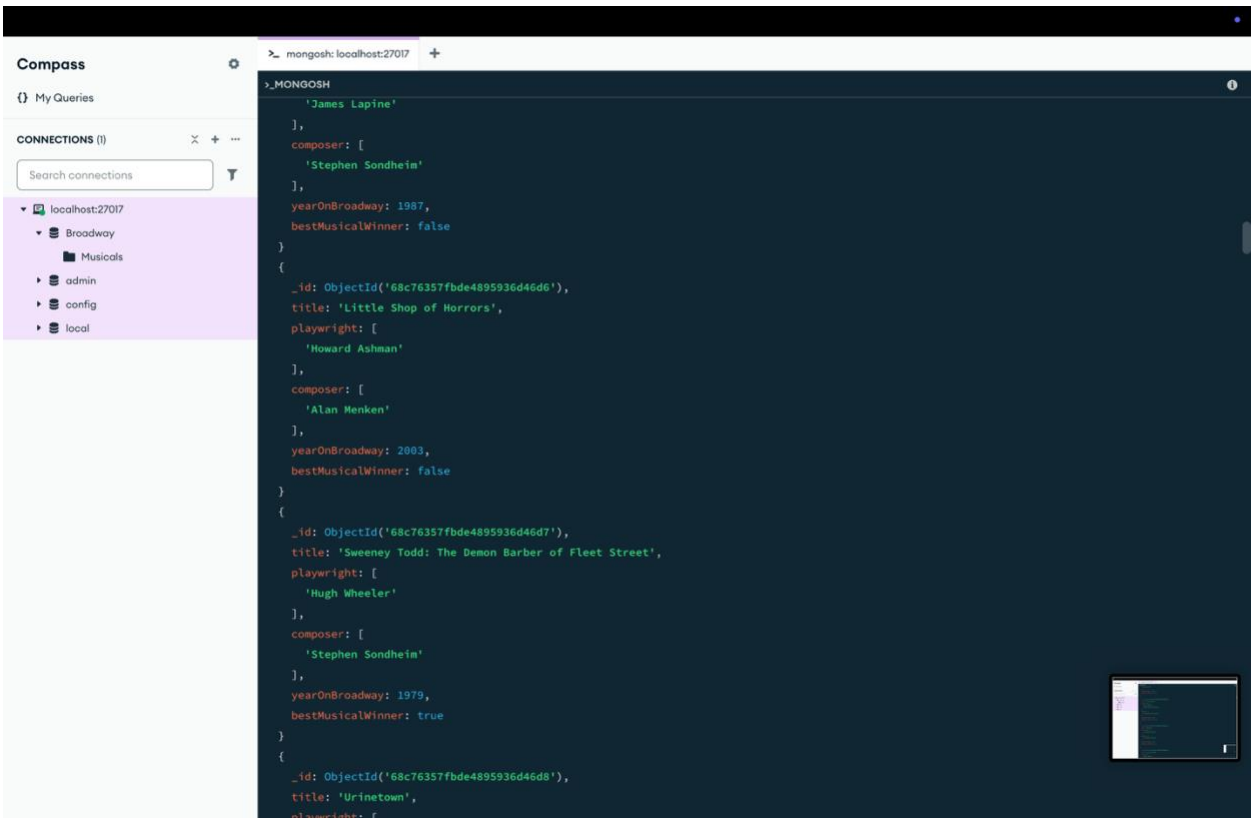
title: 'Into the Woods',
playwright: [
'James Lapine'


Compass
My Queries
CONNECTIONS (1)
Search connections
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Broadway
Musicals
admin
config
local
mongosh: localhost:27017
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'James Lapine'
],
composer: [
'Stephen Sondheim'
],
yearOnBroadway: 1987,
bestMusicalWinner: false
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{
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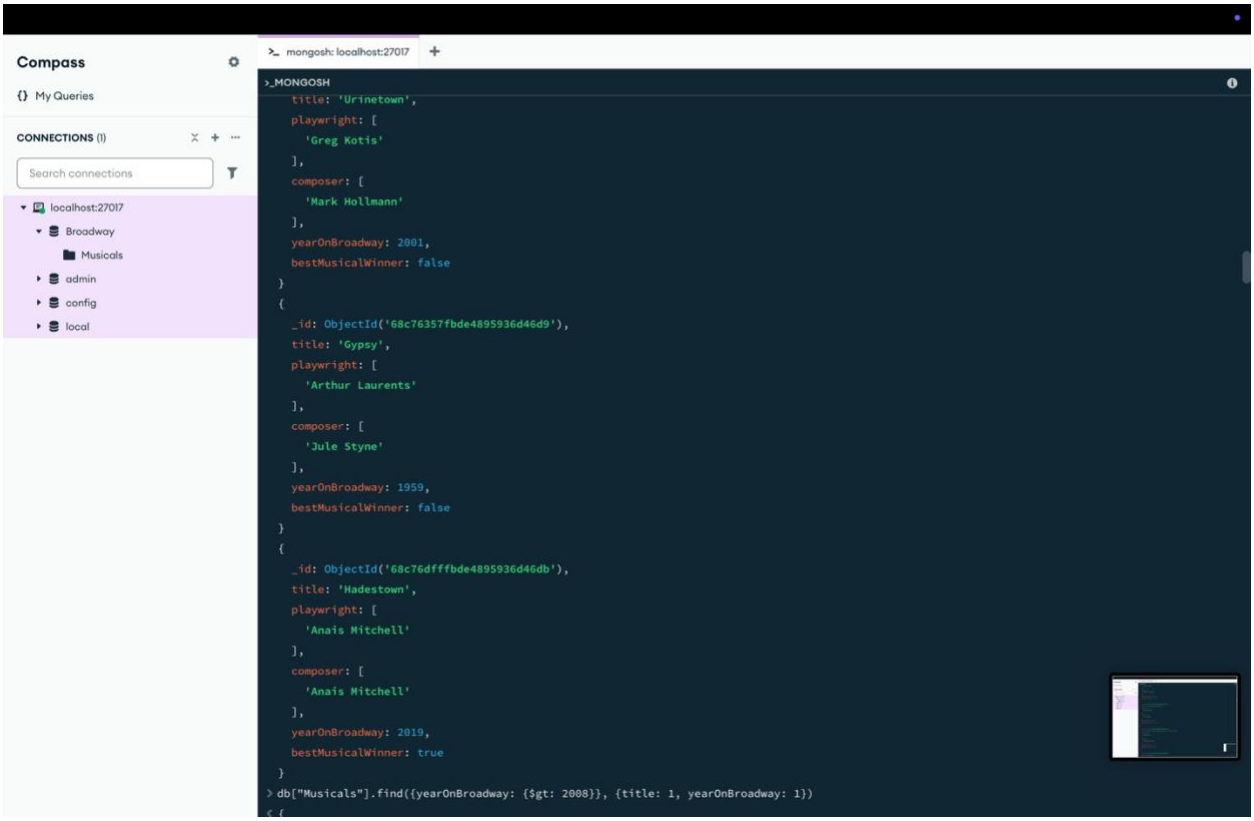
title: 'Little Shop of Horrors',
playwright: [
'Howard Ashman'
],
composer: [
'Alan Menken'
],
yearOnBroadway: 2003,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d7'),
title: 'Sweeney Todd: The Demon Barber of Fleet Street',
playwright: [
'Hugh Wheeler'
],
composer: [
'Stephen Sondheim'
],
yearOnBroadway: 1979,
bestMusicalWinner: true
}
{
_id: ObjectId('68c76357fbde4895936d46d8'),
title: 'Urinetown',


Compass
My Queries
CONNECTIONS (1)
Search connections
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Broadway
Musicals
admin
config
local
mongosh: localhost:27017
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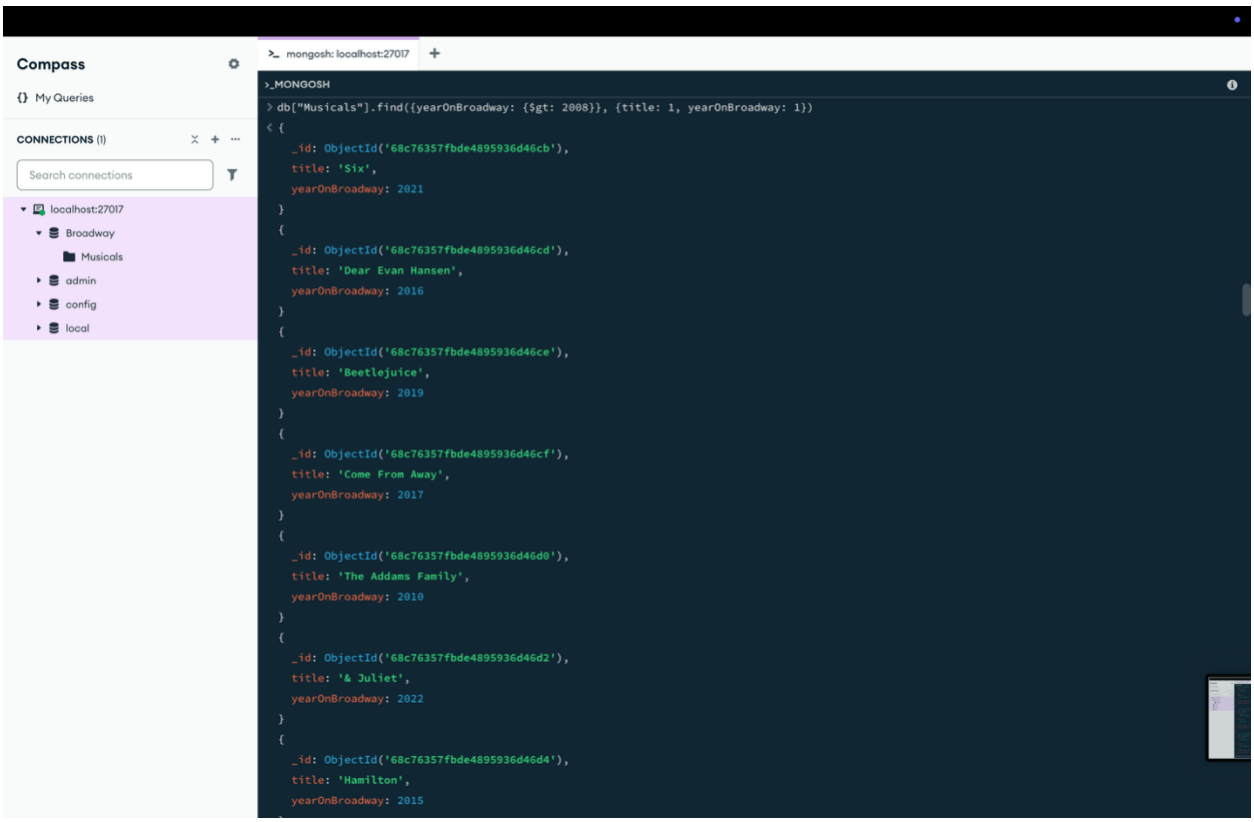
title: 'Urinetown',
playwright: [
'Greg Kotis'
],
composer: [
'Mark Hollmann'
],
yearOnBroadway: 2001,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d9'),
title: 'Gypsy',
playwright: [
'Arthur Laurents'
],
composer: [
'Jule Styne'
],
yearOnBroadway: 1959,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76dfffbde4895936d46db'),
title: 'Hadestown',
playwright: [
'Anais Mitchell'
],
composer: [
'Anais Mitchell'
],
yearOnBroadway: 2019,
bestMusicalWinner: true
}
> db["Musicals"].find({yearOnBroadway: {$gt: 2008}}, {title: 1, yearOnBroadway: 1})


Compass
My Queries
CONNECTIONS (1)
Search connections
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Broadway
Musicals
admin
config
local
mongosh: localhost:27017
>_MONGOSH
> db["Musicals"].find({yearOnBroadway: {$gt: 2008}}, {title: 1, yearOnBroadway: 1})
< {
_id: ObjectId('68c76357fbde4895936d46cb'),
title: 'Six',
yearOnBroadway: 2021
}
{
_id: ObjectId('68c76357fbde4895936d46cd'),
title: 'Dear Evan Hansen',
yearOnBroadway: 2016
}
{
_id: ObjectId('68c76357fbde4895936d46ce'),
title: 'Beetlejuice',
yearOnBroadway: 2019
}
{
_id: ObjectId('68c76357fbde4895936d46cf'),
title: 'Come From Away',
yearOnBroadway: 2017
}
{
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title: 'The Addams Family',
yearOnBroadway: 2010
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{
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title: '& Juliet',
yearOnBroadway: 2022
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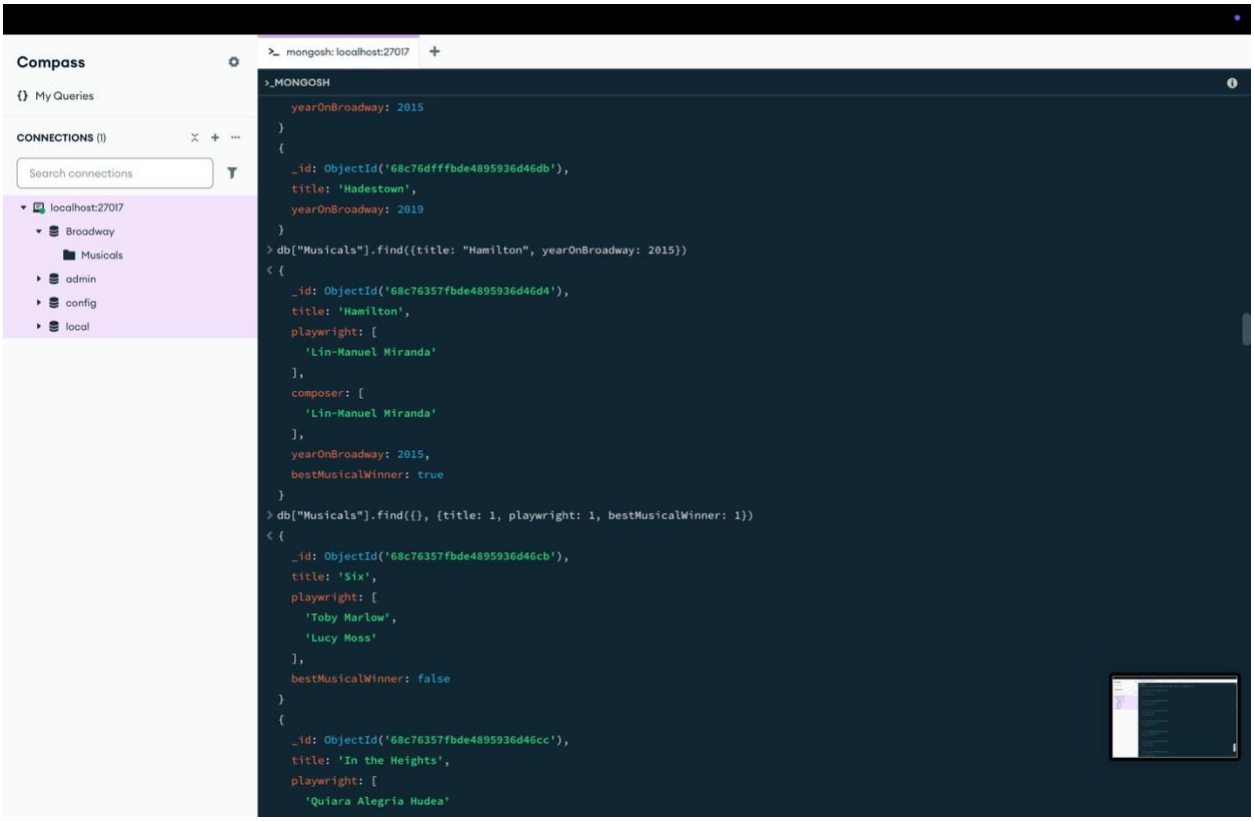
{
_id: ObjectId('68c76357fbde4895936d46d4'),
title: 'Hamilton',
yearOnBroadway: 2015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My Queries
CONNECTIONS (1)
Search connections
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Broadway
Musicals
admin
config
local
mongosh: localhost:27017
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yearOnBroadway: 2015
}
{
_id: ObjectId('68c76dfffbde4895936d46db'),
title: 'Hadestown',
yearOnBroadway: 2019
}
> db["Musicals"].find({title: "Hamilton", yearOnBroadway: 2015})
< {
_id: ObjectId('68c76357fbde4895936d46d4'),
title: 'Hamilton',
playwright: [
'Lin-Manuel Miranda'
],
composer: [
'Lin-Manuel Miranda'
],
yearOnBroadway: 2015,
bestMusicalWinner: true
}
> db["Musicals"].find({}, {title: 1, playwright: 1, bestMusicalWinner: 1})
< {
_id: ObjectId('68c76357fbde4895936d46cb'),
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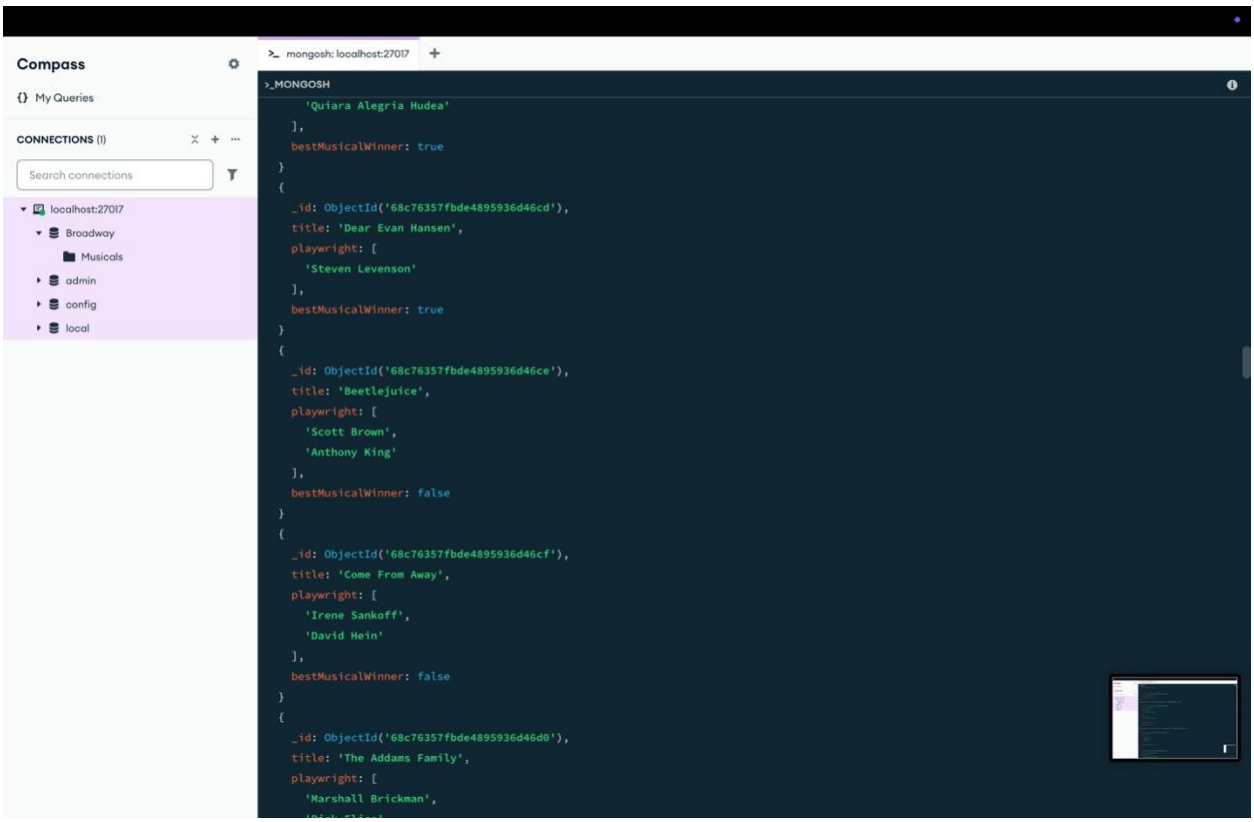
playwright: [
'Toby Marlow',
'Lucy Moss'
],
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46cc'),
title: 'In the Heights',
playwright: [
'Quiara Alegria Hudea'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bestMusicalWinner: true
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playwright: [
'Scott Brown',
'Anthony King'
],
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46cf'),
title: 'Come From Away',
playwright: [
'Irene Sankoff',
'David Hein'
],
bestMusicalWinner: false
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{
_id: ObjectId('68c76357fbde4895936d46d0'),
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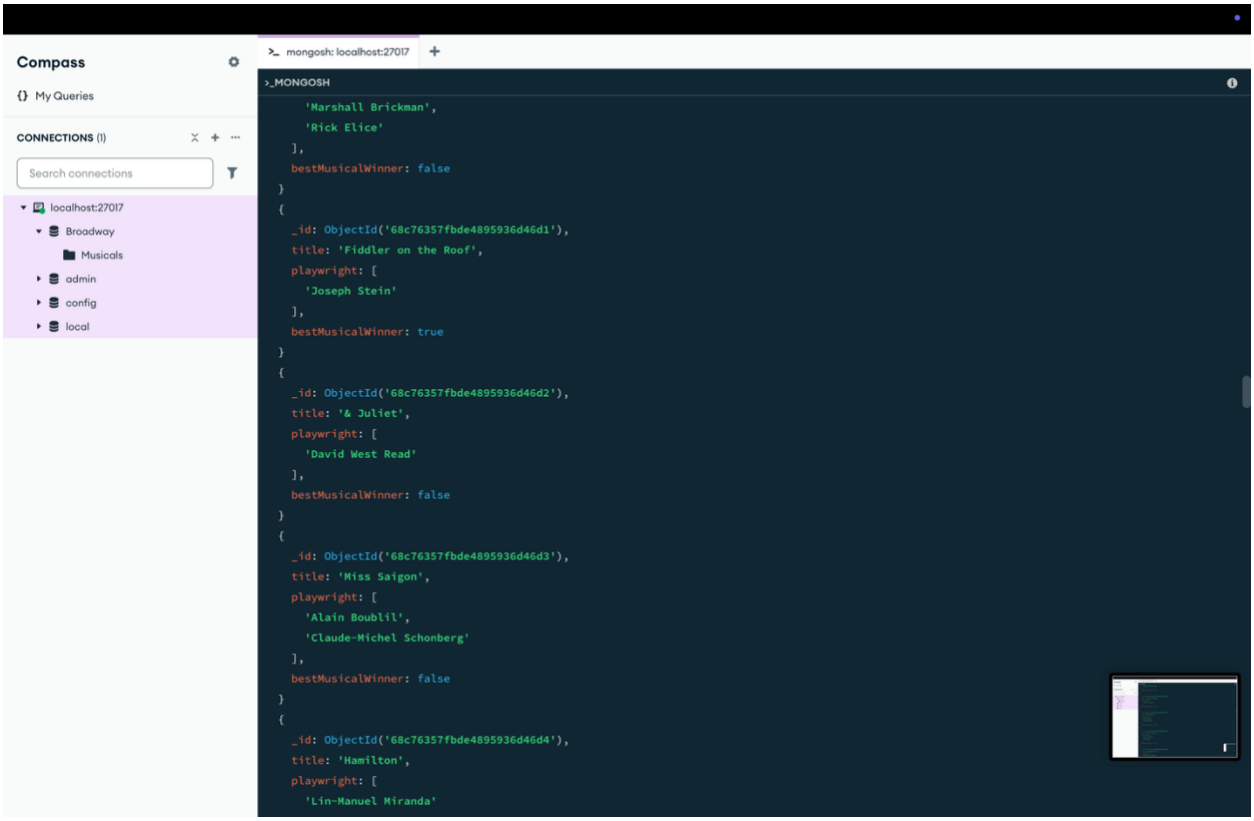
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'Marshall Brickman',
'Rick Elice'
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bestMusicalWinner: false
}
{
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playwright: [
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],
bestMusicalWinner: true
}
{
_id: ObjectId('68c76357fbde4895936d46d2'),
title: '& Juliet',
playwright: [
'David West Read'
],
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d3'),
title: 'Miss Saigon',
playwright: [
'Alain Boublil',
'Claude-Michel Schonberg'
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bestMusicalWinner: false
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{
_id: ObjectId('68c76357fbde4895936d46d4'),
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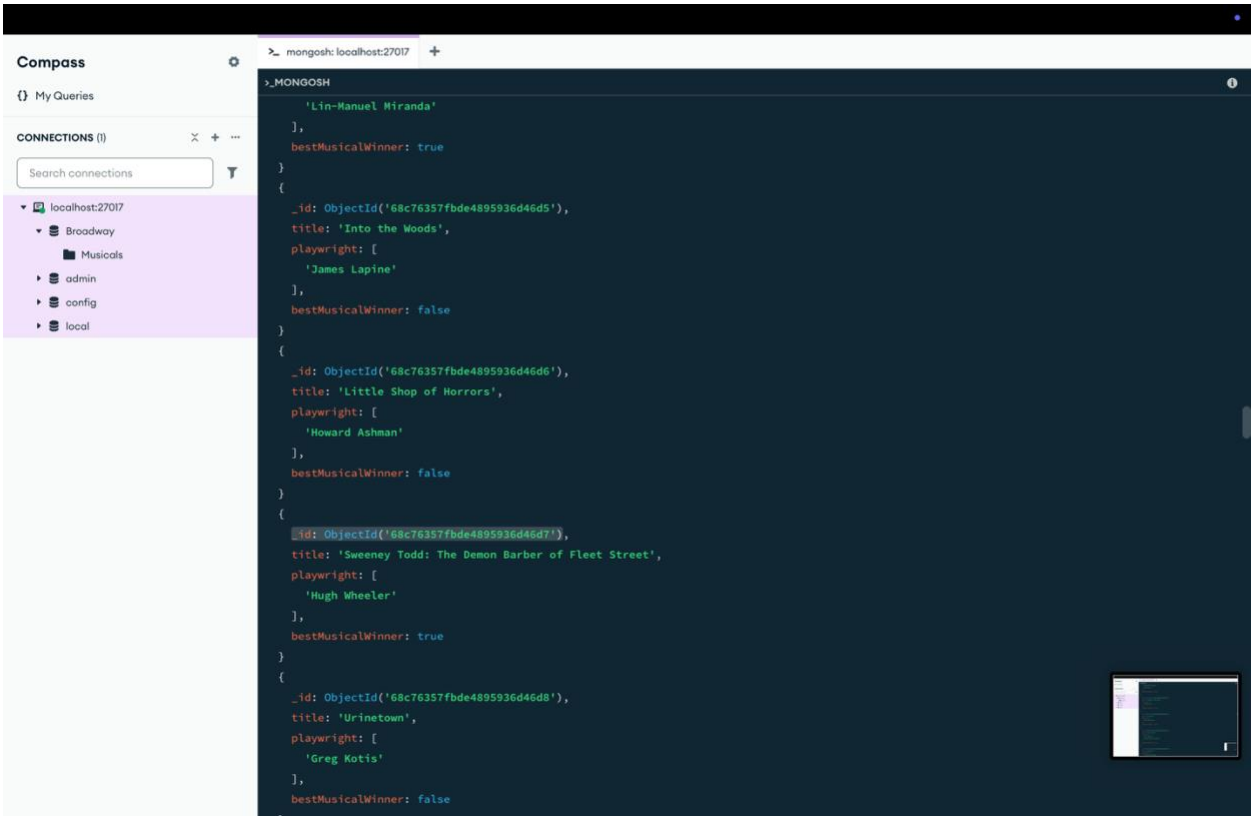
playwright: [
'Lin-Manuel Miranda'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My Queries
CONNECTIONS (1)
Search connections
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Broadway
Musicals
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'Lin-Manuel Miranda'
],
bestMusicalWinner: true
}
{
_id: ObjectId('68c76357fbde4895936d46d5'),
title: 'Into the Woods',
playwright: [
'James Lapine'
],
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d6'),
title: 'Little Shop of Horrors',
playwright: [
'Howard Ashman'
],
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d7'),
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playwright: [
'Hugh Wheeler'
],
bestMusicalWinner: true
}
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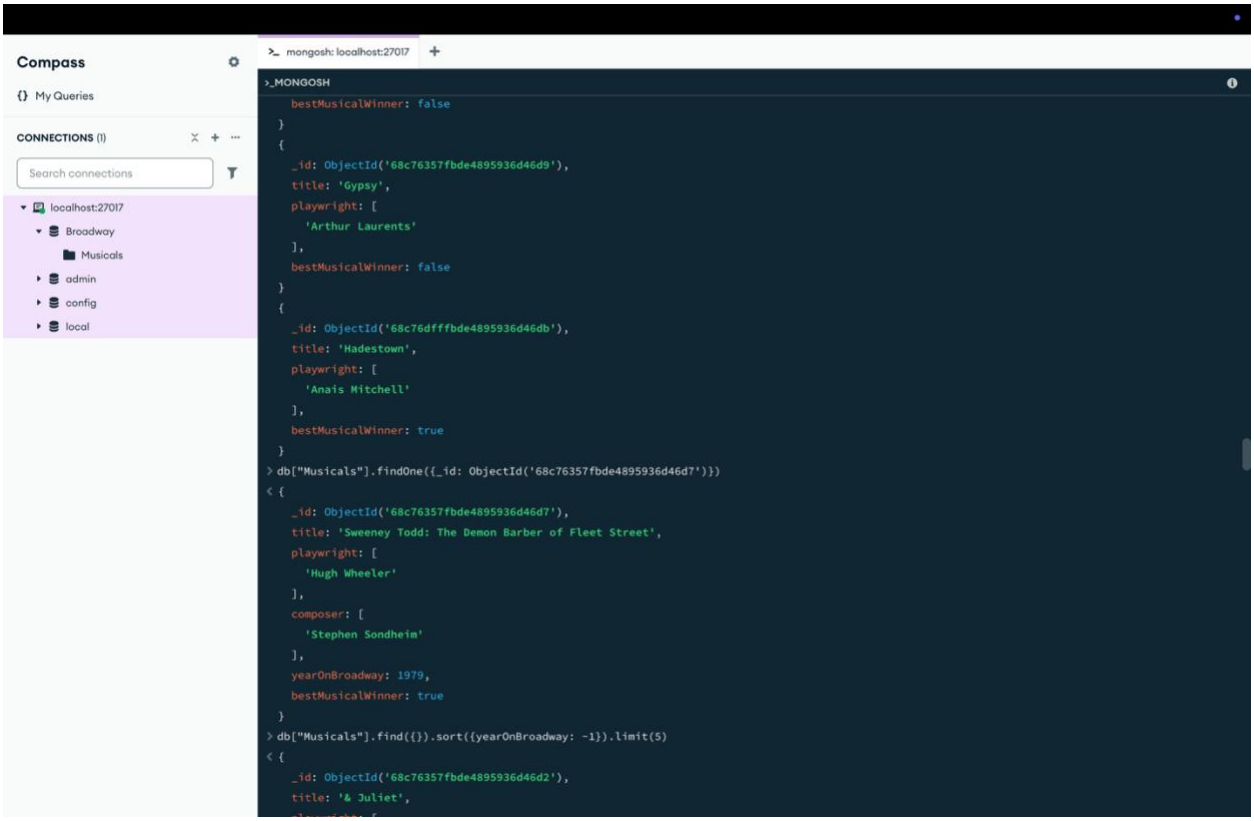
'Greg Kotis'
],
bestMusicalWinner: false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My Queries
CONNECTIONS (1)
Search connections
localhost:27017
Broadway
Musicals
admin
config
local
mongosh: localhost:27017
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bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d9'),
title: 'Gypsy',
playwright: [
'Arthur Laurents'
],
bestMusicalWinner: false
}
{
_id: ObjectId('68c76dfffbde4895936d46db'),
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playwright: [
'Anais Mitchell'
],
bestMusicalWinner: true
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> db["Musicals"].findOne({_id: ObjectId('68c76357fbde4895936d46d7')})
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],
composer: [
'Stephen Sondheim'
],
yearOnBroadway: 1979,
bestMusicalWinner: true
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> db["Musicals"].find({}).sort({yearOnBroadway: -1}).limit(5)
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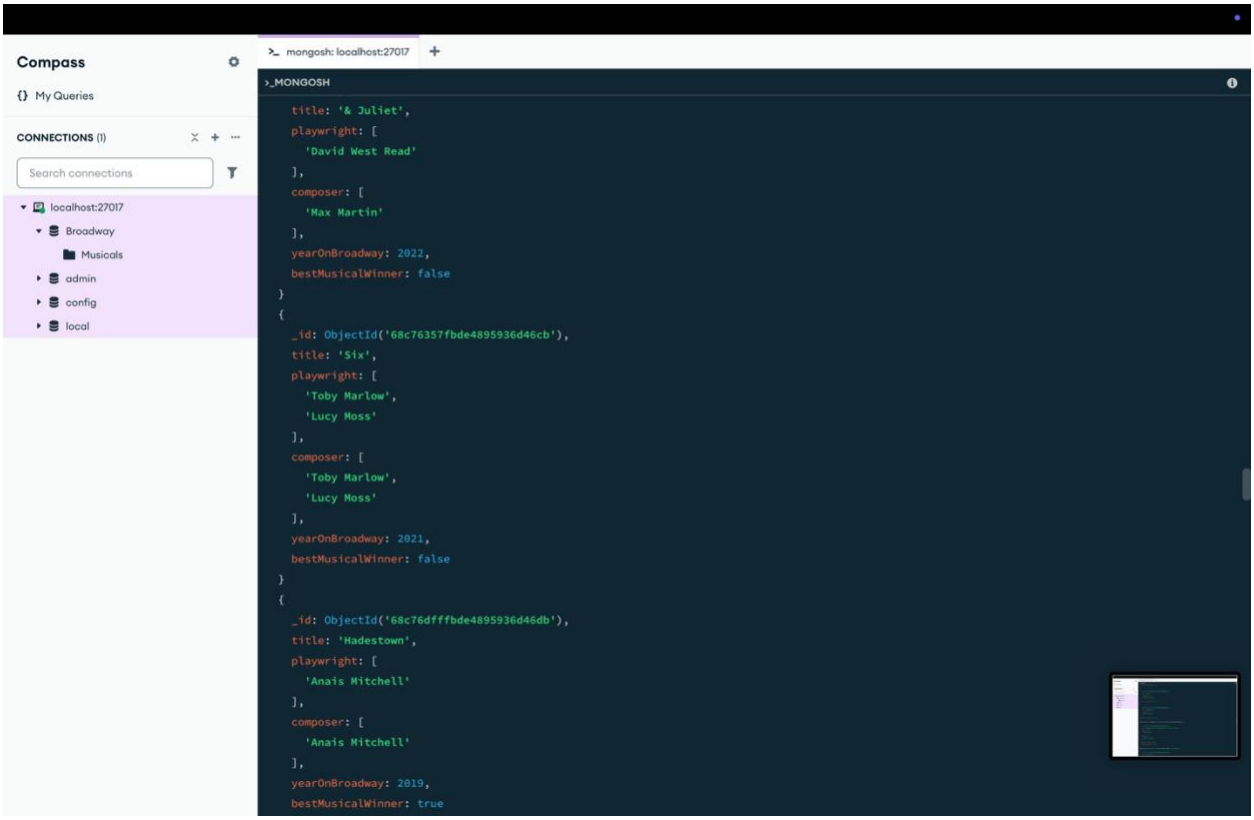
title: '& Juliet',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My Queries
CONNECTIONS (1)
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Musicals
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title: '& Juliet',
playwright: [
'David West Read'
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composer: [
'Max Martin'
],
yearOnBroadway: 2022,
bestMusicalWinner: false
}
{
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title: 'Six',
playwright: [
'Toby Marlow',
'Lucy Moss'
],
composer: [
'Toby Marlow',
'Lucy Moss'
],
yearOnBroadway: 2021,
bestMusicalWinner: false
}
{
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playwright: [
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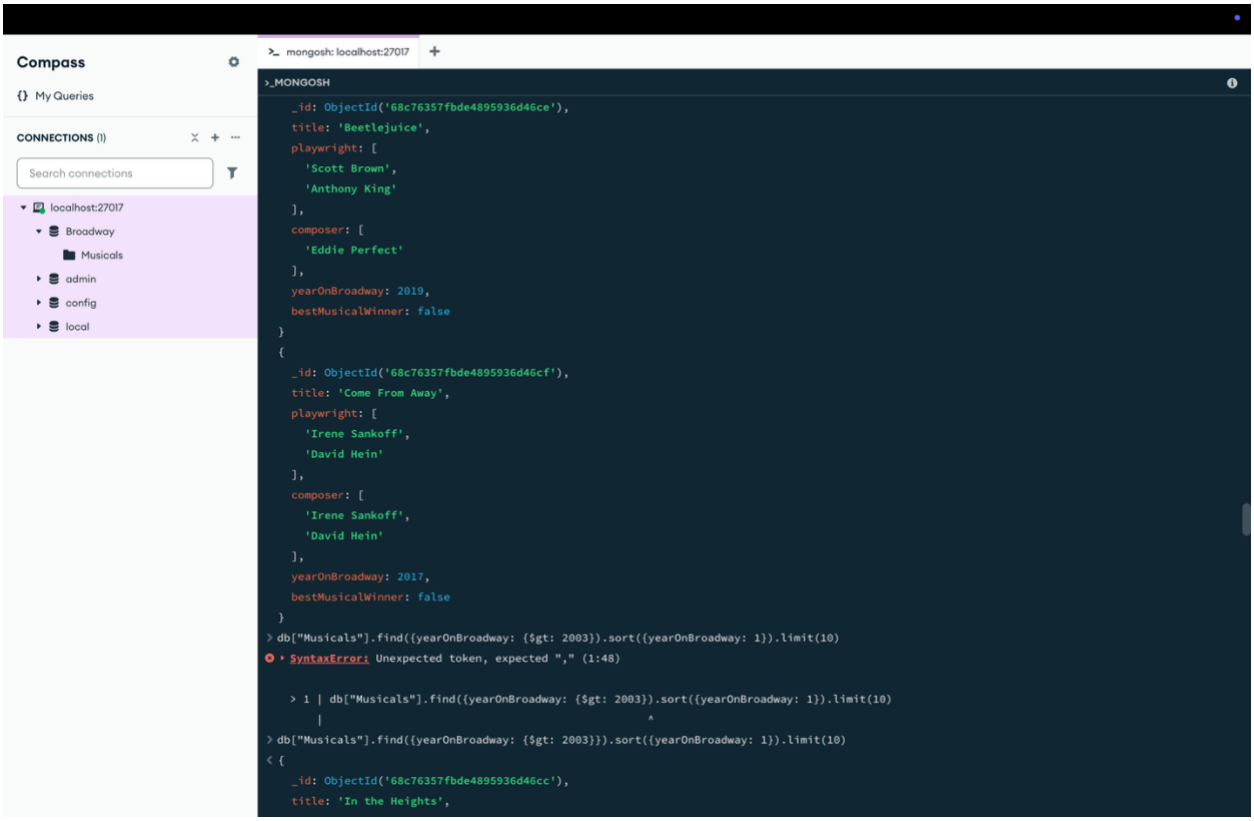
composer: [
'Anais Mitchell'
],
yearOnBroadway: 2019,
bestMusicalWinner: true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My Queries
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Musicals
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mongosh: localhost:27017
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playwright: [
'Scott Brown',
'Anthony King'
],
composer: [
'Eddie Perfect'
],
yearOnBroadway: 2019,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46cf'),
title: 'Come From Away',
playwright: [
'Irene Sankoff',
'David Hein'
],
composer: [
'Irene Sankoff',
'David Hein'
],
yearOnBroadway: 2017,
bestMusicalWinner: false
}
db["Musicals"].find({yearOnBroadway: {$gt: 2003}}).sort({yearOnBroadway: 1}).limit(10)
SyntaxError: Unexpected token, expected "," (1:48)
> 1 | db["Musicals"].find({yearOnBroadway: {$gt: 2003}}).sort({yearOnBroadway: 1}).limit(10)
|
db["Musicals"].find({yearOnBroadway: {$gt: 2003}}).sort({yearOnBroadway: 1}).limit(10)
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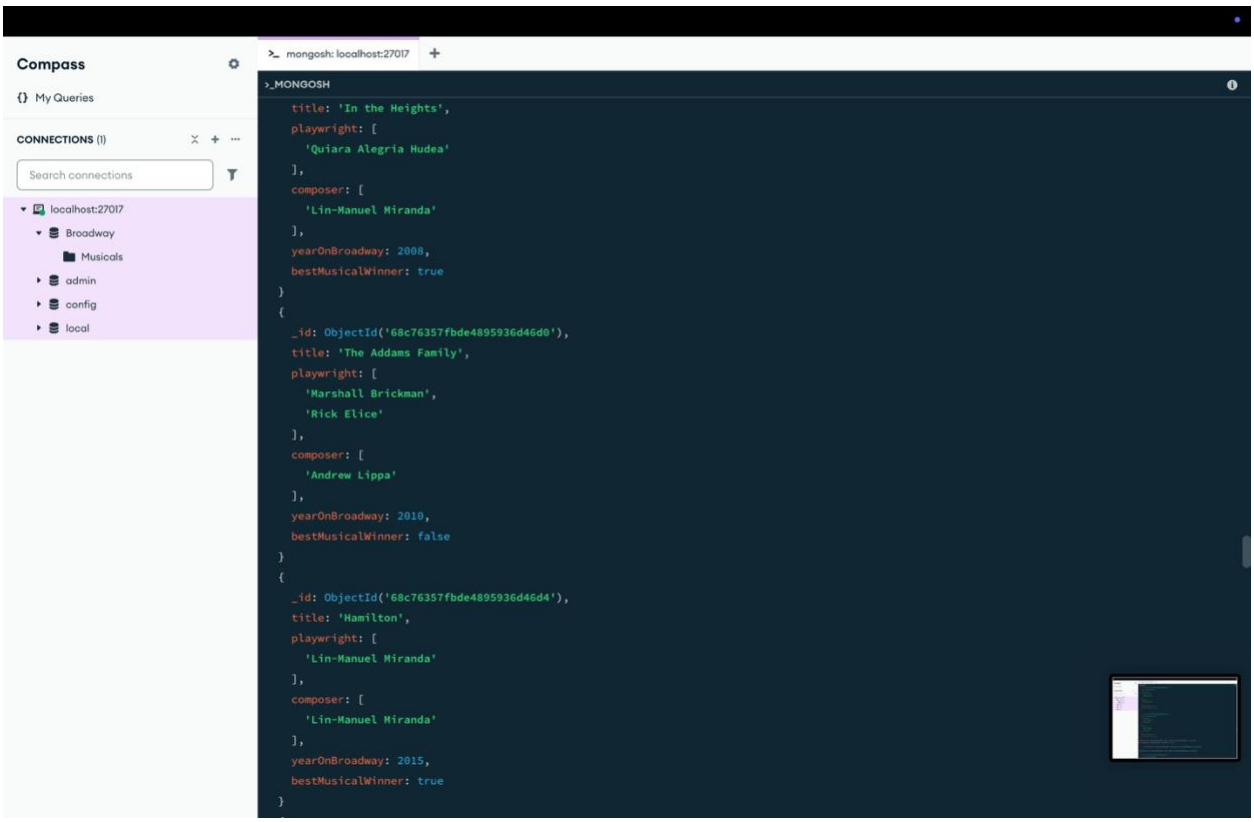
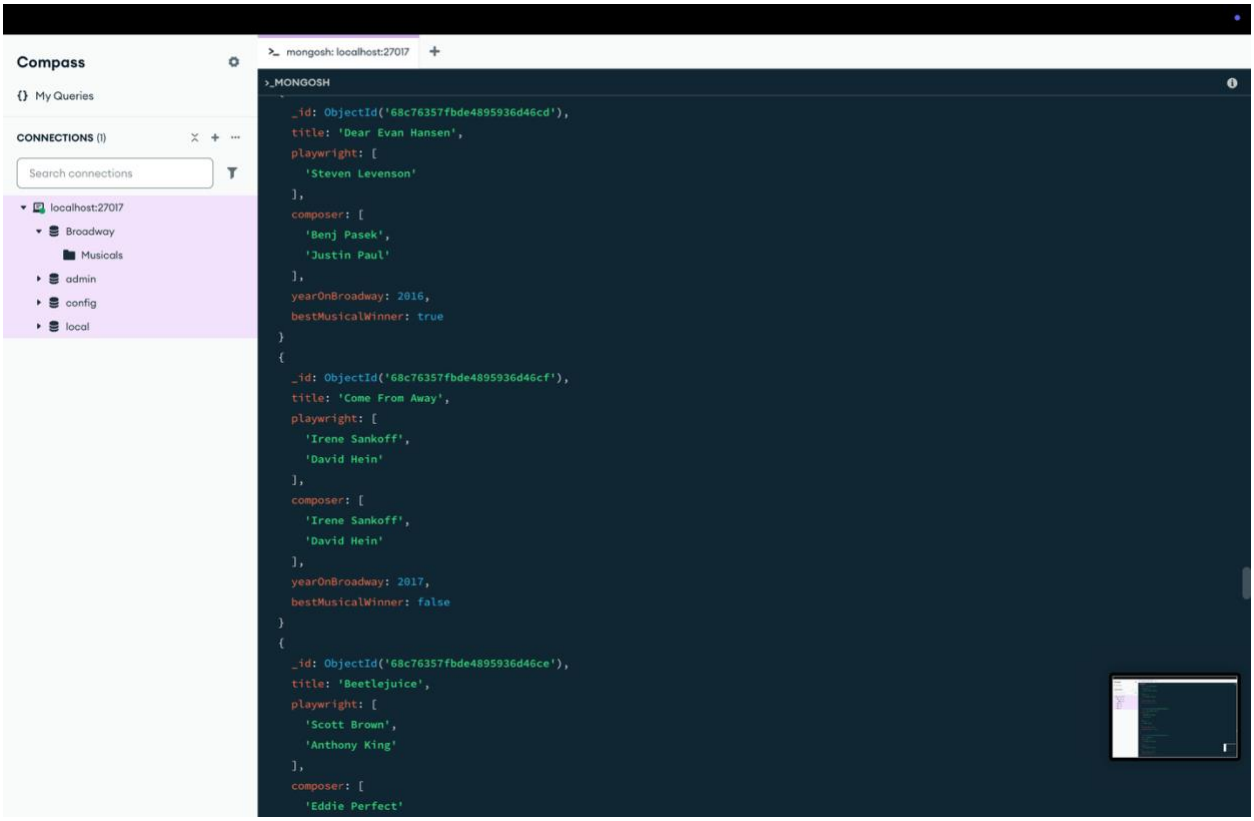
title: 'In the Heights',


Compass
My Queries
CONNECTIONS (1)
Search connections
localhost:27017
Broadway
Musicals
admin
config
local
mongosh: localhost:27017
>_MONGOSH
title: 'In the Heights',
playwright: [
'Quiara Alegria Hudea'
],
composer: [
'Lin-Manuel Miranda'
],
yearOnBroadway: 2008,
bestMusicalWinner: true
}
{
_id: ObjectId('68c76357fbde4895936d46d0'),
title: 'The Addams Family',
playwright: [
'Marshall Brickman',
'Rick Elice'
],
composer: [
'Andrew Lippa'
],
yearOnBroadway: 2010,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d4'),
title: 'Hamilton',
playwright: [
'Lin-Manuel Miranda'
],
composer: [
'Lin-Manuel Miranda'
],
yearOnBroadway: 2015,
bestMusicalWinner: true
}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Search connections
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Broadway
Musicals
admin
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mongosh: localhost:27017
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_id: ObjectId('68c76357fbde4895936d46cd'),
title: 'Dear Evan Hansen',
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],
composer: [
'Benj Pasek',
'Justin Paul'
],
yearOnBroadway: 2016,
bestMusicalWinner: true
}
{
_id: ObjectId('68c76357fbde4895936d46cf'),
title: 'Come From Away',
playwright: [
'Irene Sankoff',
'David Hein'
],
composer: [
'Irene Sankoff',
'David Hein'
],
yearOnBroadway: 2017,
bestMusicalWinner: false
}
{
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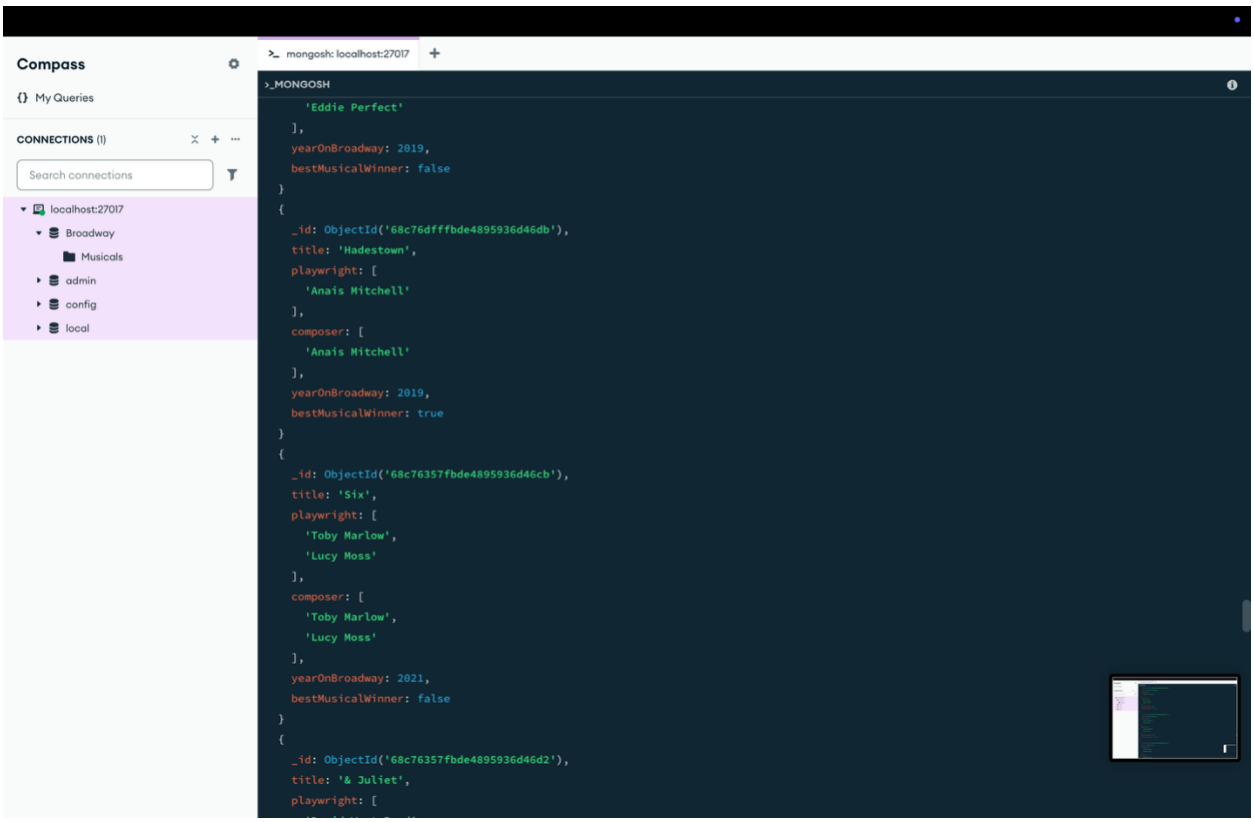
title: 'Beetlejuice',
playwright: [
'Scott Brown',
'Anthony King'
],
composer: [
'Eddie Perfect'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My Queries
CONNECTIONS (1)
Search connections
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'Eddie Perfect'
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yearOnBroadway: 2019,
bestMusicalWinner: false
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{
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title: 'Hadestown',
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'Anais Mitchell'
],
composer: [
'Anais Mitchell'
],
yearOnBroadway: 2019,
bestMusicalWinner: true
}
{
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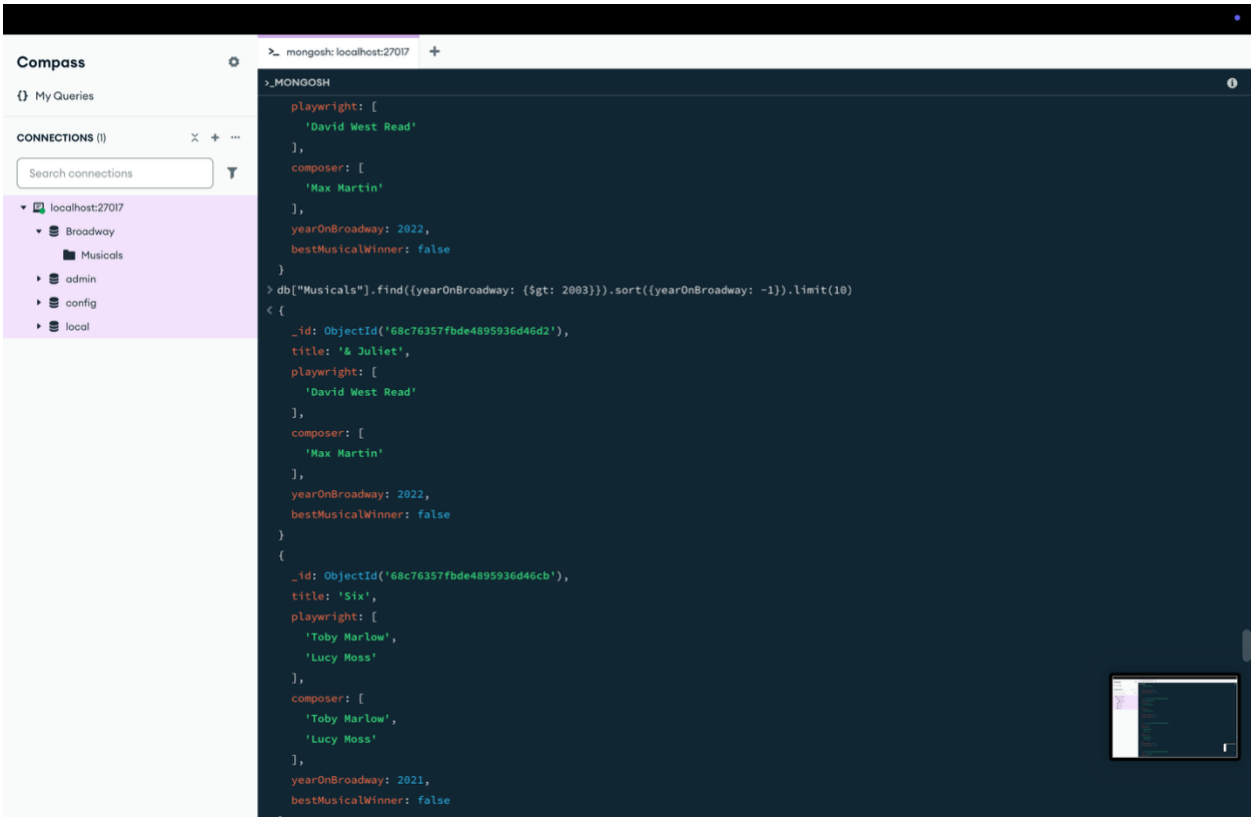
title: 'Six',
playwright: [
'Toby Marlow',
'Lucy Moss'
],
composer: [
'Toby Marlow',
'Lucy Moss'
],
yearOnBroadway: 2021,
bestMusicalWinner: false
}
{
_id: ObjectId('68c76357fbde4895936d46d2'),
title: '& Juliet',
playwright: [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My Queries
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Search connections
localhost:27017
Broadway
Musicals
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config
local
mongosh: localhost:27017
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playwright: [
'David West Read'
],
composer: [
'Max Martin'
],
yearOnBroadway: 2022,
bestMusicalWinner: false
}
> db["Musicals"].find({yearOnBroadway: {$gt: 2003}}).sort({yearOnBroadway: -1}).limit(10)
< {
_id: ObjectId('68c76357fbde4895936d46d2'),
title: '& Juliet',
playwright: [
'David West Read'
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composer: [
'Max Martin'
],
yearOnBroadway: 2022,
bestMusicalWinner: false
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playwright: [
'Toby Marlow',
'Lucy Moss'
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composer: [
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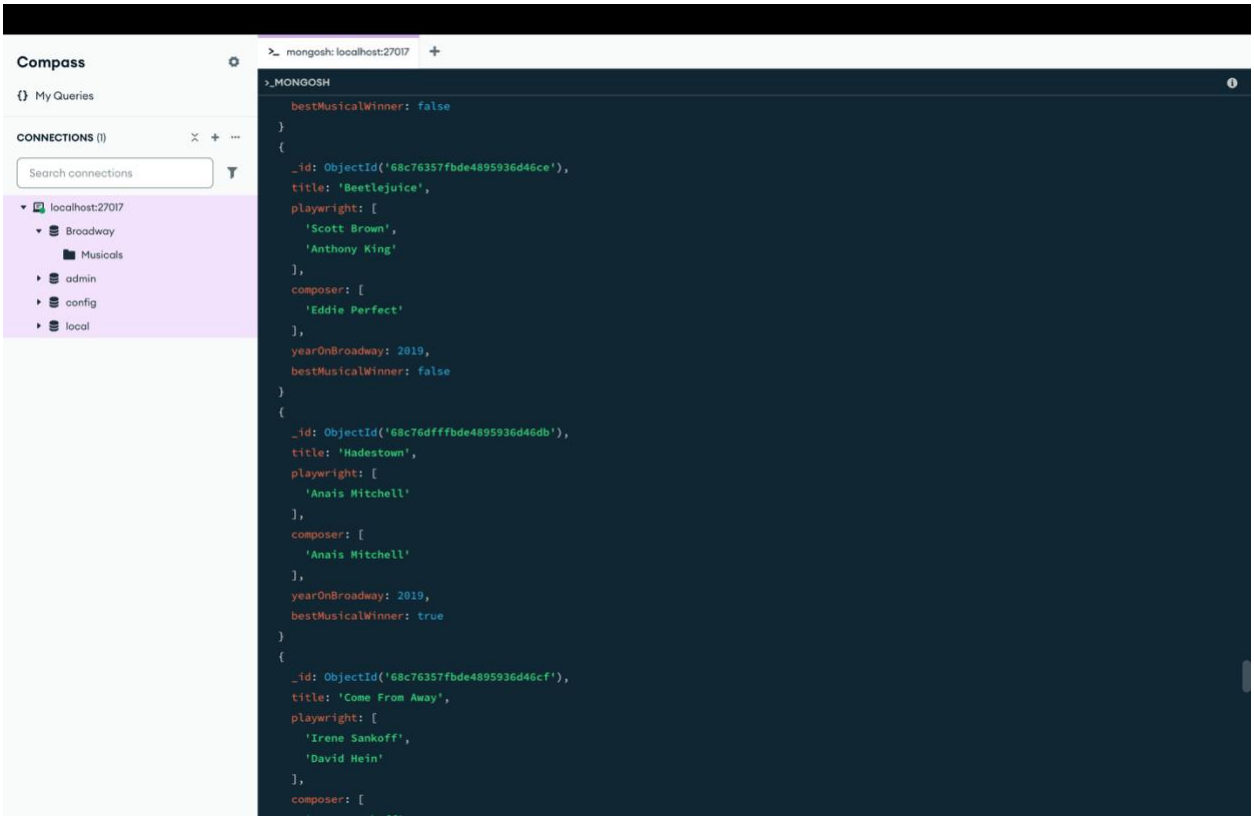
'Lucy Moss'
],
yearOnBroadway: 2021,
bestMusicalWinner: false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composer: [
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yearOnBroadway: 2019,
bestMusicalWinner: false
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playwright: [
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composer: [
'Anais Mitchell'
],
yearOnBroadway: 2019,
bestMusicalWinner: true
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title: 'Come From Away',
playwright: [
'Irene Sankoff',
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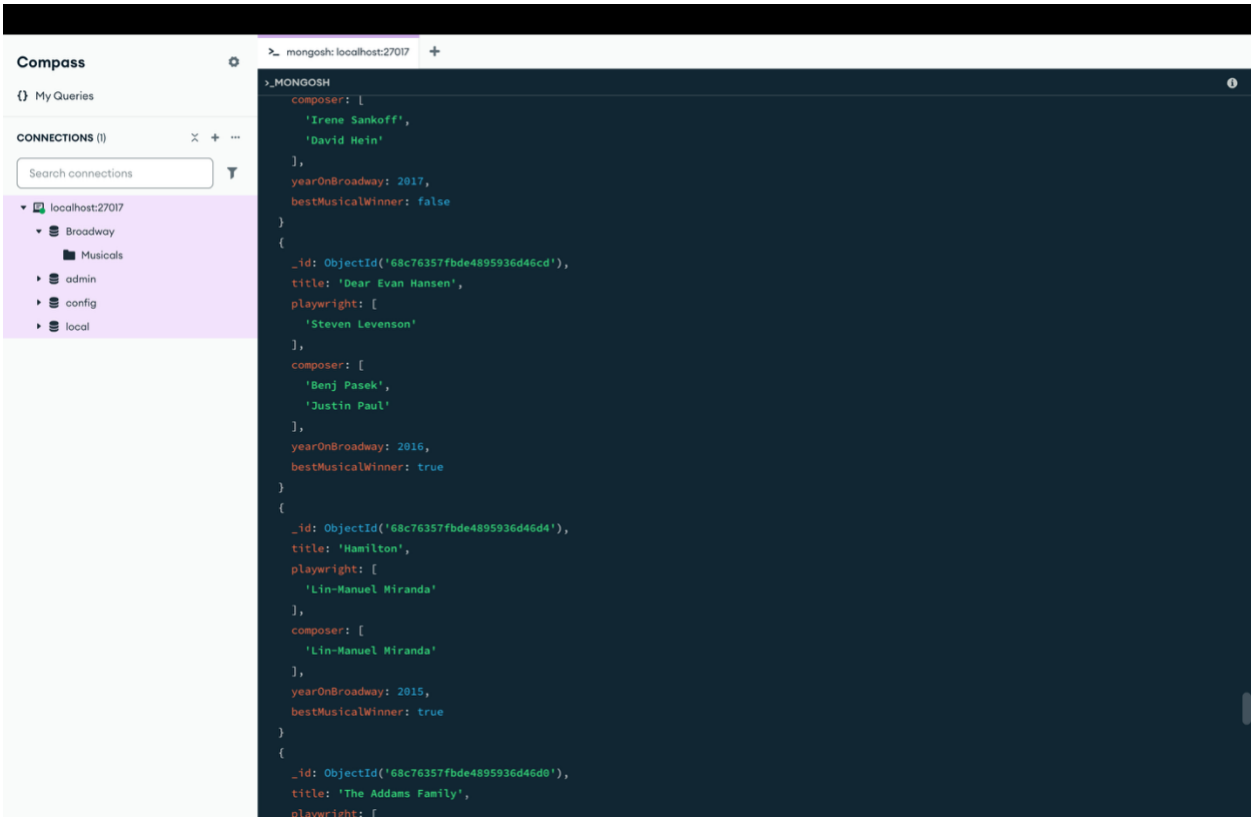
composer: [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'Steven Levenson'
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composer: [
'Benj Pasek',
'Justin Paul'
],
yearOnBroadway: 2016,
bestMusicalWinner: true
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title: 'Hamilton',
playwright: [
'Lin-Manuel Miranda'
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composer: [
'Lin-Manuel Miranda'
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yearOnBroadway: 2015,
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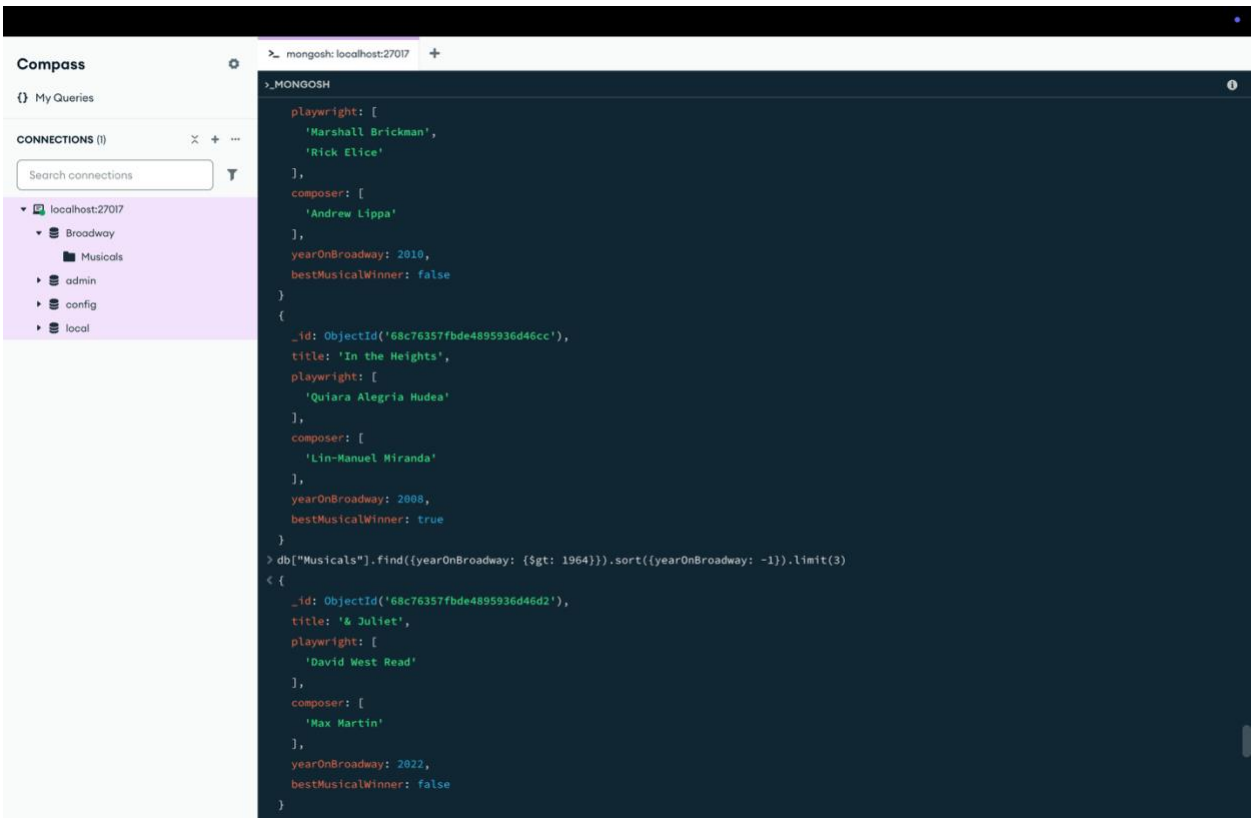
title: 'The Addams Family',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My Queries
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playwright: [
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composer: [
'Andrew Lippa'
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'Quiara Alegría Hudes'
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composer: [
'Lin-Manuel Miranda'
],
yearOnBroadway: 2008,
bestMusicalWinner: true
}
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title: '& Juliet',
playwright: [
'David West Read'
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composer: [
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bestMusicalWinner: false
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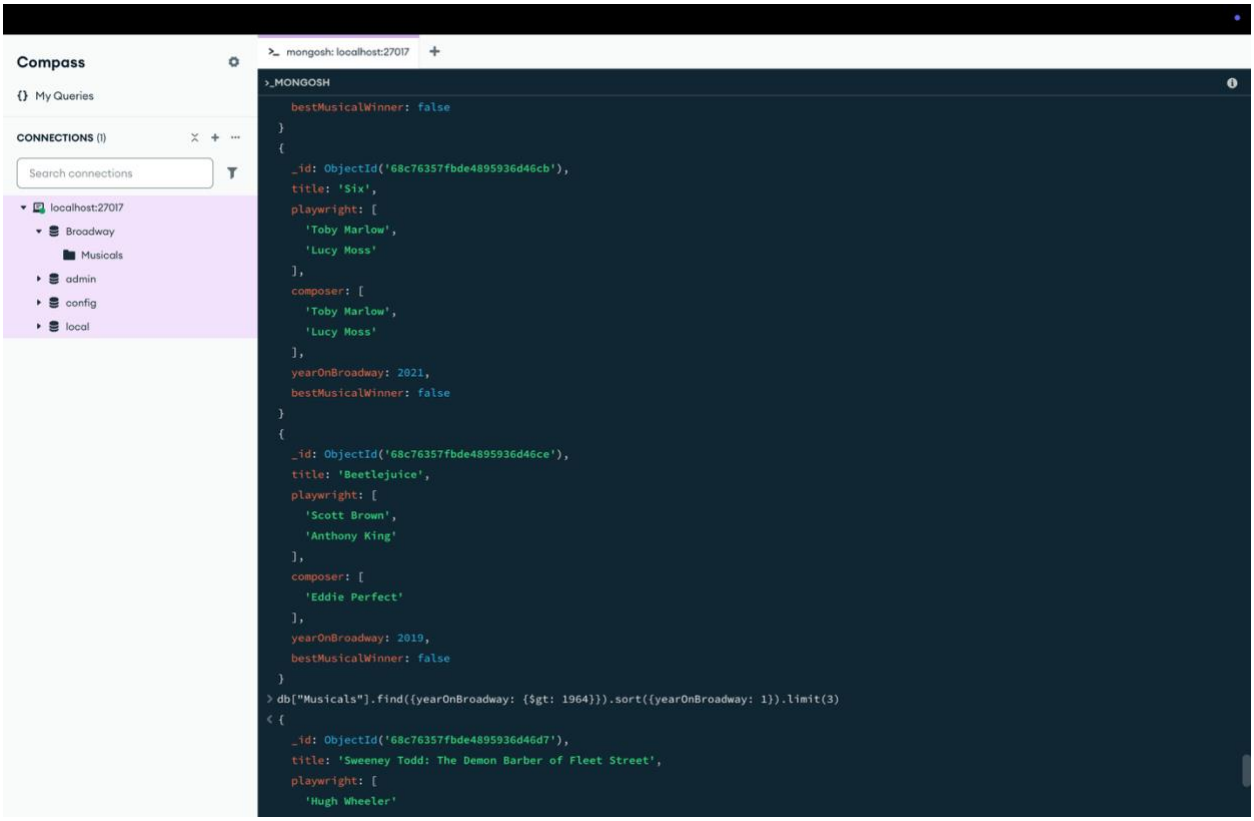
Compass
My Queries
CONNECTIONS (1)
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Broadway
Musicals
admin
config
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mongosh: localhost:27017
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bestMusicalWinner: false
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'Lucy Moss'
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yearOnBroadway: 2021,
bestMusicalWinner: false
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composer: [
'Eddie Perfect'
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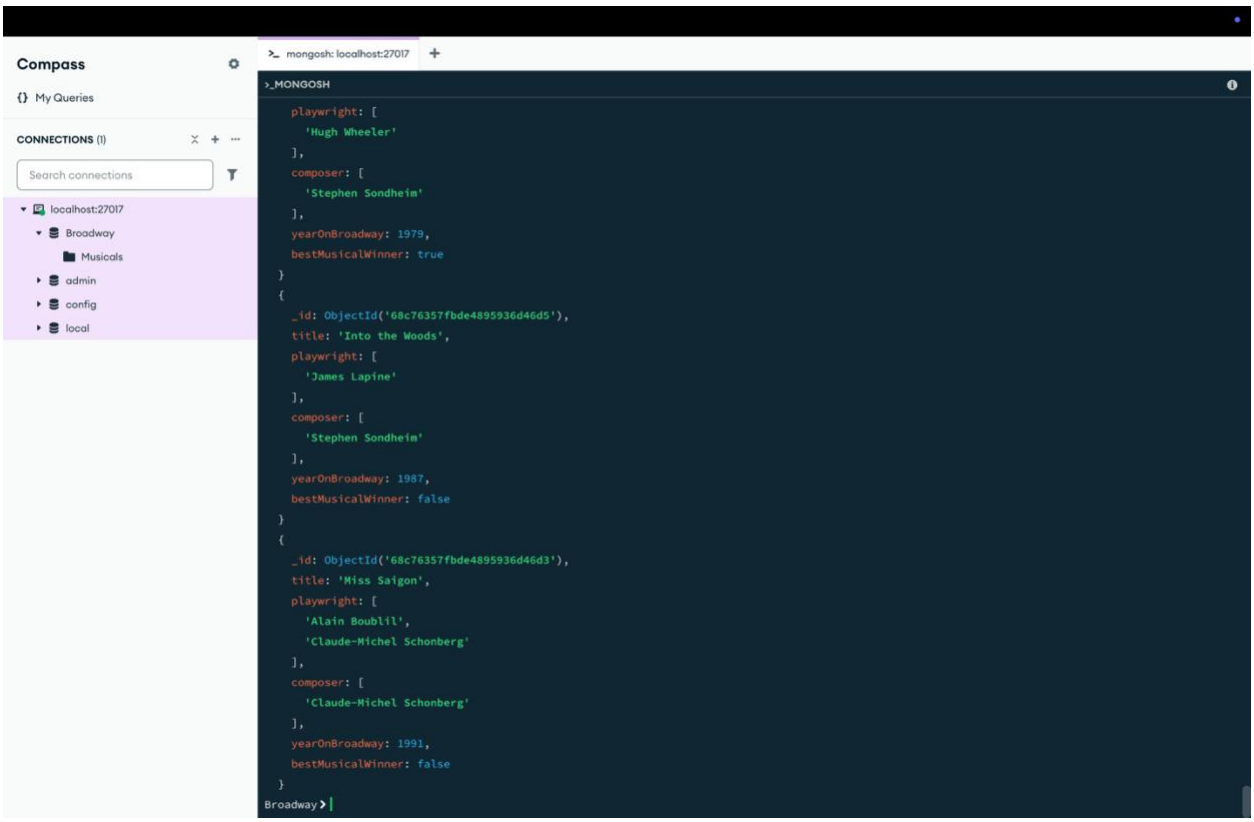
playwright: [
'Hugh Wheeler'


Compass
My Queries
CONNECTIONS (1)
Search connections
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Broadway
Musicals
admin
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composer: [
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title: 'Into the Woods',
playwright: [
'James Lapine'
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composer: [
'Stephen Sondheim'
],
yearOnBroadway: 1987,
bestMusicalWinner: false
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title: 'Miss Saigon',
playwright: [
'Alain Boublil',
'Claude-Michel Schonberg'
],
composer: [
'Claude-Michel Schonberg'
],
yearOnBroadway: 1991,
bestMusicalWinner: false
}
Broadway>