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Mongodb module I use case ii

TMDB

Contents

[Queries for the application 2](#_Toc524260520)

[Person fields 2](#_Toc524260521)

[Show fields 2](#_Toc524260522)

[Mongo commands 3](#_Toc524260523)

[create person collection and insert data 3](#_Toc524260524)

[create show collection and insert data 5](#_Toc524260525)

## Queries for the application

I think there users of TMDB can find details of shows and persons involved in the show. Hence, I think of creating the two collections below

1. Person
2. Show

## Person fields

I think the following fields makes sense for Person collection

1. Name
2. Date of Birth
3. City of Birth
4. Country of Birth

## Show fields

I think the fields in the following JSON holds good for the Show details

{

"name":"Planet Earth II",

"producers": [{ "name": "Vanessa Berlowitz", "id": "5b94c09e09b93ef32f88217f" }, { "name": "James Brickell", "id": "5b94c11e09b93ef32f882180"}],

"directors": [{ "name": "Mateo Willis", "id": "5b94c14609b93ef32f882181" }, { "name": "John Shier", "id": "5b94c16409b93ef32f882182"}],

"creationDate": "2016/08/19",

"composers": [{ "name": "Jacob Shea", "id": "5b94c18709b93ef32f882183" }, { "name": "Jesha Klebe", "id": "5b94c1a409b93ef32f882184"},

{ "name": "Hans Zimmer", "id": "5b94c1bf09b93ef32f882185"}],

"seasons": [{

"name": "Planet Earth II",

"releaseYear":2016,

"ratings":9.5,

"episodes": [{

"number": 1,

"name": "Islands",

"ratings": 8.1,

"cast": [{

"name": "David Attenborough",

"id": "5b94c05109b93ef32f88217e",

"role": "presenter"

}],

"crew": [{

"name": "Vanessa Berlowitz",

"profession": "sound",

"id": "5b94c09e09b93ef32f88217f"

}],

"reviews": [{

"user": "John",

"review": "What to say about Planet Earth II which has not already been said about so many other fantastic productions from BBC Nature?",

"totalViews": 102,

"foundUseful": 94

}]

}]

}]

}

## Mongo commands

### create person collection and insert data

db.person.save({

"name": "David Attenborough",

"dob": "1926-05-08",

"birthCity": "London",

"birthCountry": "England"

})

db.person.save({

"name": "Vanessa Berlowitz",

"dob": "1966-08-18",

"birthCity": "Michigan",

"birthCountry": "The United States"

})

db.person.save({

"name": "James Brickell",

"dob": "1976-12-28",

"birthCity": "Boston",

"birthCountry": "The United States"

})

db.person.save({

"name": "Mateo Willis",

"dob": "1976-12-28",

"birthCity": "New York",

"birthCountry": "The United States"

})

db.person.save({

"name": "John Shier",

"dob": "1976-12-28",

"birthCity": "New York",

"birthCountry": "The United States"

})

db.person.save({

"name": "Jesha Klebe",

"dob": "1976-12-28",

"birthCity": "New York",

"birthCountry": "The United States"

})

db.person.save({

"name": "Jacob Shea",

"dob": "1976-12-28",

"birthCity": "New York",

"birthCountry": "The United States"

})

db.person.save({

"name": "Hans Zimmer",

"dob": "1976-12-28",

"birthCity": "New York",

"birthCountry": "The United States"

})

### create show collection and insert data

db.show.save({

"name":"Planet Earth II",

"producers": [{ "name": "Vanessa Berlowitz", "id": "5b94c09e09b93ef32f88217f" }, { "name": "James Brickell", "id": "5b94c11e09b93ef32f882180"}],

"directors": [{ "name": "Mateo Willis", "id": "5b94c14609b93ef32f882181" }, { "name": "John Shier", "id": "5b94c16409b93ef32f882182"}],

"creationDate": "2016/08/19",

"composers": [{ "name": "Jacob Shea", "id": "5b94c18709b93ef32f882183" }, { "name": "Jesha Klebe", "id": "5b94c1a409b93ef32f882184"},

{ "name": "Hans Zimmer", "id": "5b94c1bf09b93ef32f882185"}],

"seasons": [{

"name": "Planet Earth II",

"releaseYear":2016,

"ratings":9.5,

"episodes": [{

"number": 1,

"name": "Islands",

"ratings": 8.1,

"cast": [{

"name": "David Attenborough",

"id": "5b94c05109b93ef32f88217e",

"role": "presenter"

}],

"crew": [{

"name": "Vanessa Berlowitz",

"profession": "sound",

"id": "5b94c09e09b93ef32f88217f"

}],

"reviews": [{

"user": "John",

"review": "What to say about Planet Earth II which has not already been said about so many other fantastic productions from BBC Nature?",

"totalViews": 102,

"foundUseful": 94

}]

}]

}]

})

db.show.save({

"name":"Planet Earth",

"producers": [{ "name": "Vanessa Berlowitz", "id": "5b94c09e09b93ef32f88217f" }, { "name": "James Brickell", "id": "5b94c11e09b93ef32f882180"}],

"directors": [{ "name": "Mateo Willis", "id": "5b94c14609b93ef32f882181" }, { "name": "John Shier", "id": "5b94c16409b93ef32f882182"}],

"creationDate": "2006/04/12",

"composers": [{ "name": "Jacob Shea", "id": "5b94c18709b93ef32f882183" }, { "name": "Jesha Klebe", "id": "5b94c1a409b93ef32f882184"},

{ "name": "Hans Zimmer", "id": "5b94c1bf09b93ef32f882185"}],

"seasons": [{

"name": "Planet Earth II",

"releaseYear":2006,

"ratings":9.4,

"episodes": [{

"number": 1,

"name": "Islands",

"ratings": 8.1,

"cast": [{

"name": "David Attenborough",

"id": "5b94c05109b93ef32f88217e",

"role": "presenter"

}],

"crew": [{

"name": "Vanessa Berlowitz",

"profession": "sound",

"id": "5b94c09e09b93ef32f88217f"

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"user": "John",

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"totalViews": 102,

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}]

}]

})