

Relational format with relationships

(MySQL, PostgreSQL, ...)

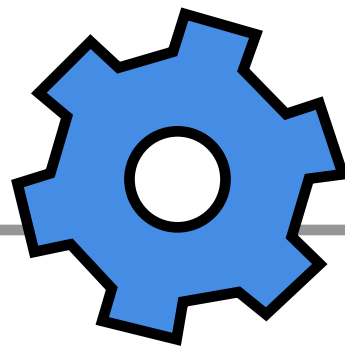
Role

Id	Role	Description
1	Hero	Movie hero
2	Vilain	Movie vilain

Character

Id	Name	Role_id
2	Joker	2
1	Batman	1

Foreign
keys



Rome library

Relational format without relationship

(Cassandra, HBase, ...)

Role

Id	Role	Description	Heroes
1	Hero	Movie hero	[link:1@Character]
2	Vilain	Movie vilain	[link:2@Character]

Character

Id	Name	Role_id
2	Joker	2
1	Batman	1

JSON format

(Redis, Riak, ...)

Role collection

```
{ "id": 1, "Role": "Movie hero", "heroes": [link:1@Character] }  
{ "id": 2, "Role": "Movie vilain", "heroes": [link:2@Character] }
```

Character collection

```
{ "id": 1, "Name": "Batman", "role_id": 1 }  
{ "id": 2, "Name": "Joker", "role_id": 2 }
```