



Course Overview



View Discussion

Chapter 2: Relationships

Many-to-Many Relationship

[← Back to the Question](#)

Correct Options:

- Embedding actors in movies creates duplication of actor information.

Every actor who stars in more than one movie has their information copied in each movie document they star in. The information stored in the document may be as little as the actor's name, however it is still duplication. Any duplicate information that changed would need to be updated in more than one location.

- Embedding actors in movies still requires a separate collection to store all actors.

If no "source" collection for the actor is kept, there is a risk of losing the information about an actor if the only movie they star in gets deleted. Also, because we keep detailed information about the actor, it is likely that not all of it will be embedded in the movie documents, therefore we need a place to store this information.

Incorrect Option:

- When using one collection for movies and one collection for actors, all movie documents must have an array of references to the actors in that movie, and all actor documents must have an array of references to the movies they appear in.

When using references to represent a *many-to-many* relationship, there is a need for an array of references in only one collection. It is possible to have arrays of references in both collections, however, it is not necessary and creates unnecessary overhead.

Proceed to next section