Introduction To Hibernate

Mapping Relationships

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Value Types Vs Entities

Value Type

The Leg

Does my leg exist without me?

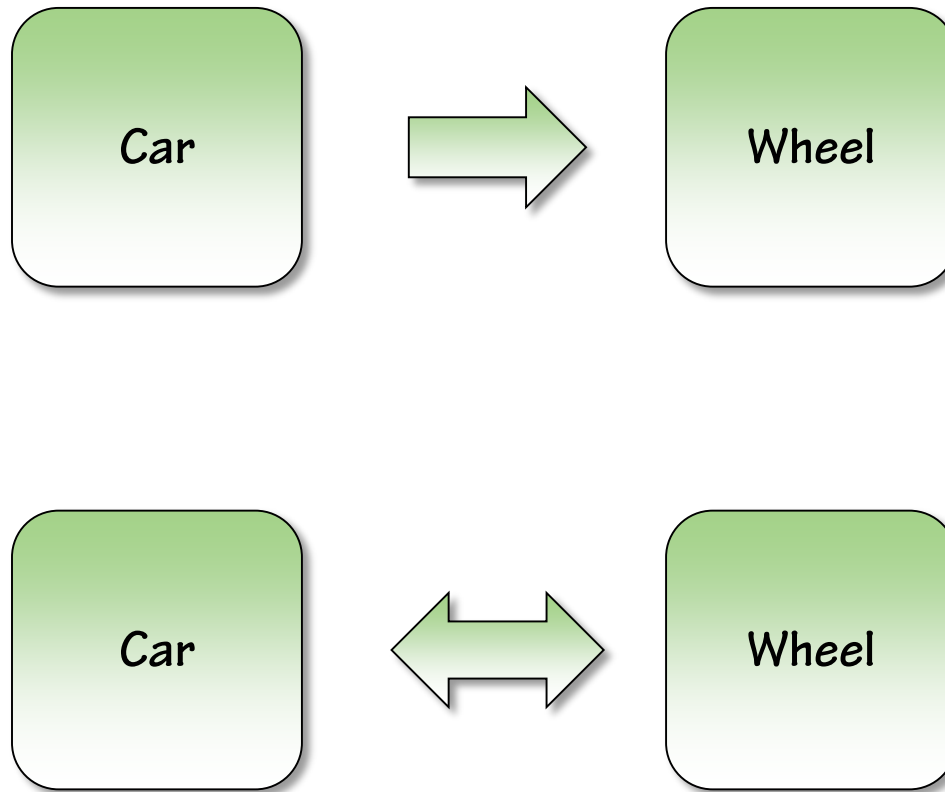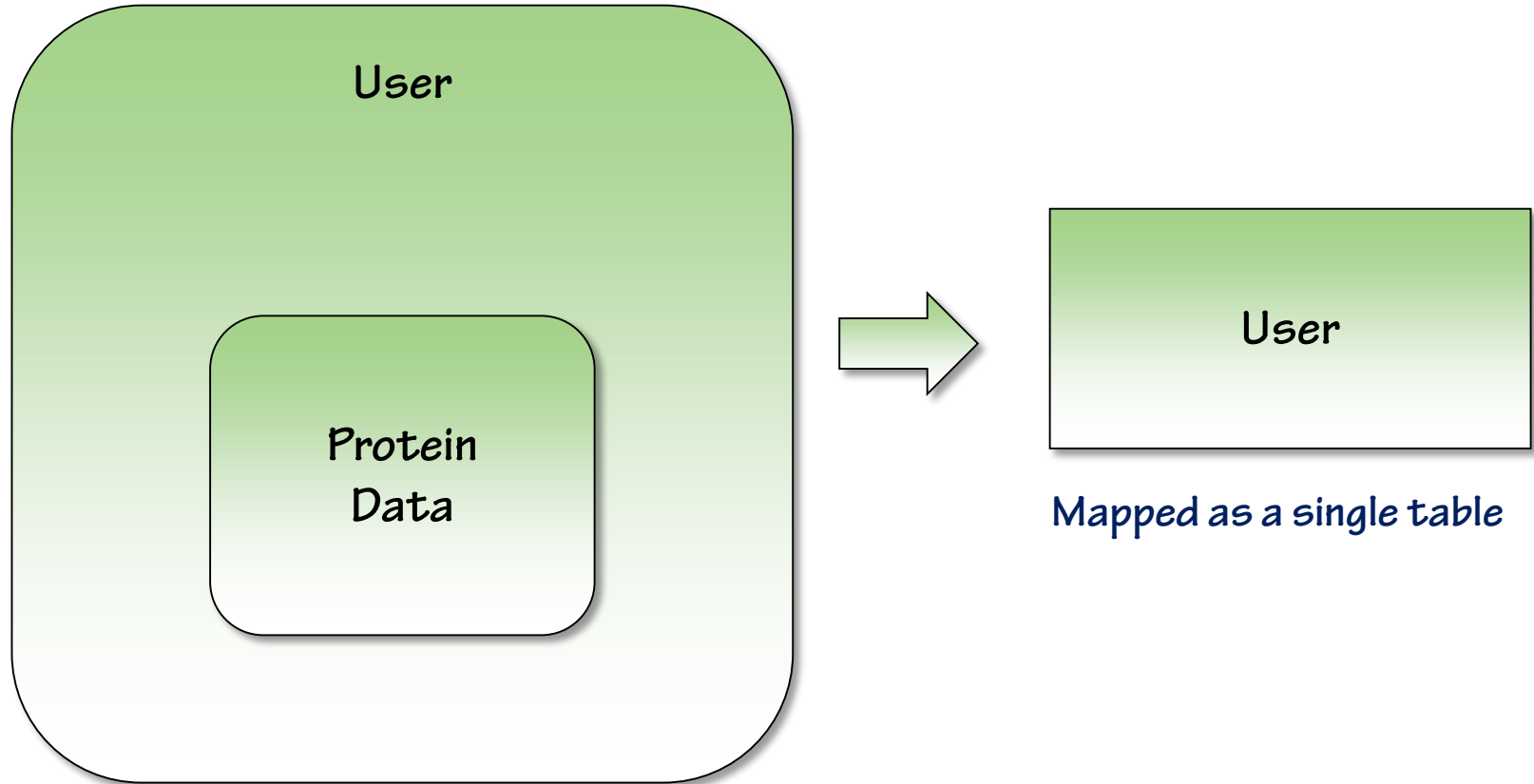# Value Types Vs Entities

Entity

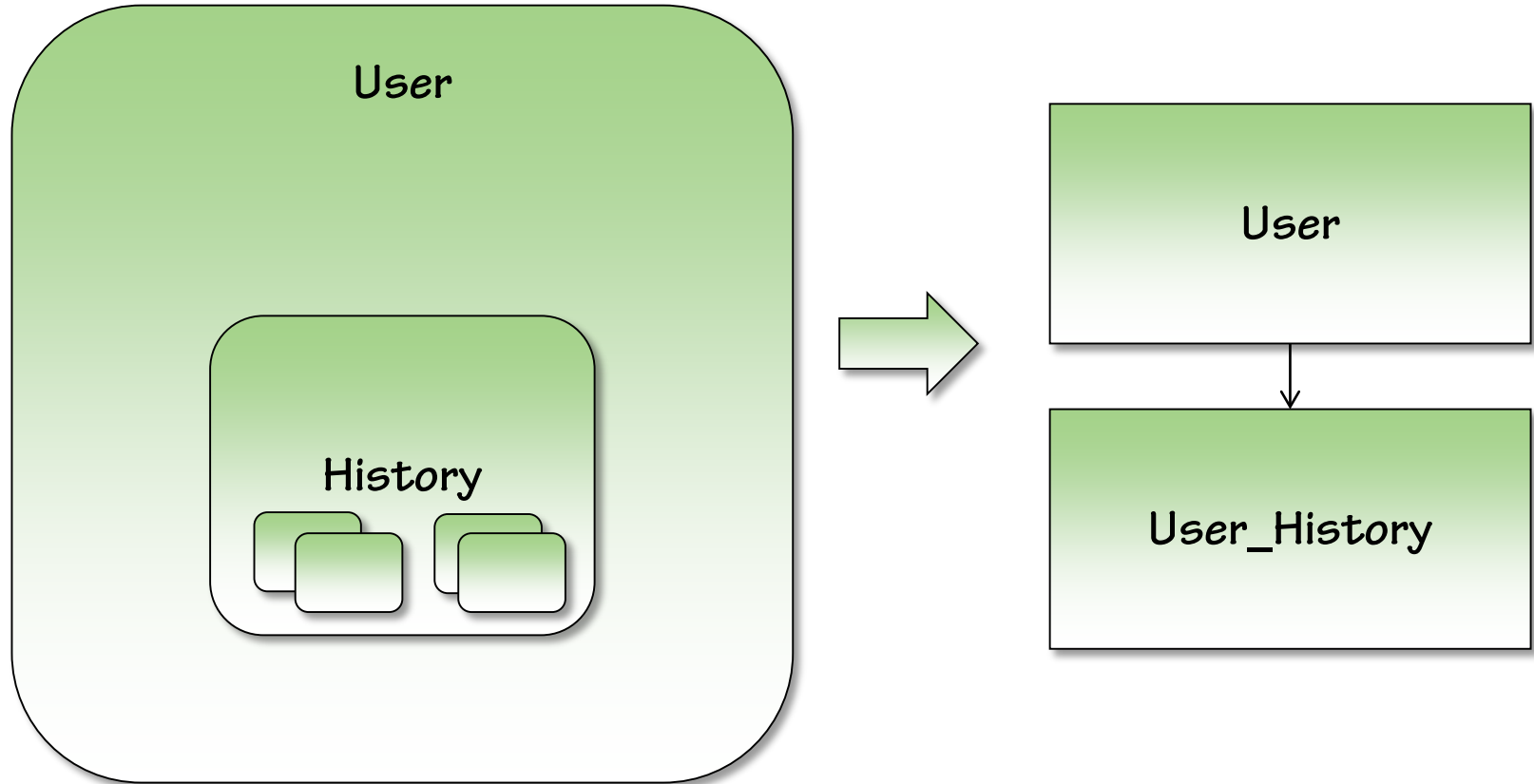
Does my phone exist without me?

Directionality

| Car | → | Wheel |

| Car | ↔ | Wheel |

Relationships can be one way or two-way

Components

User

Protein
Data

User

Mapped as a single table

Composition relationships in Java that have a value type are called components
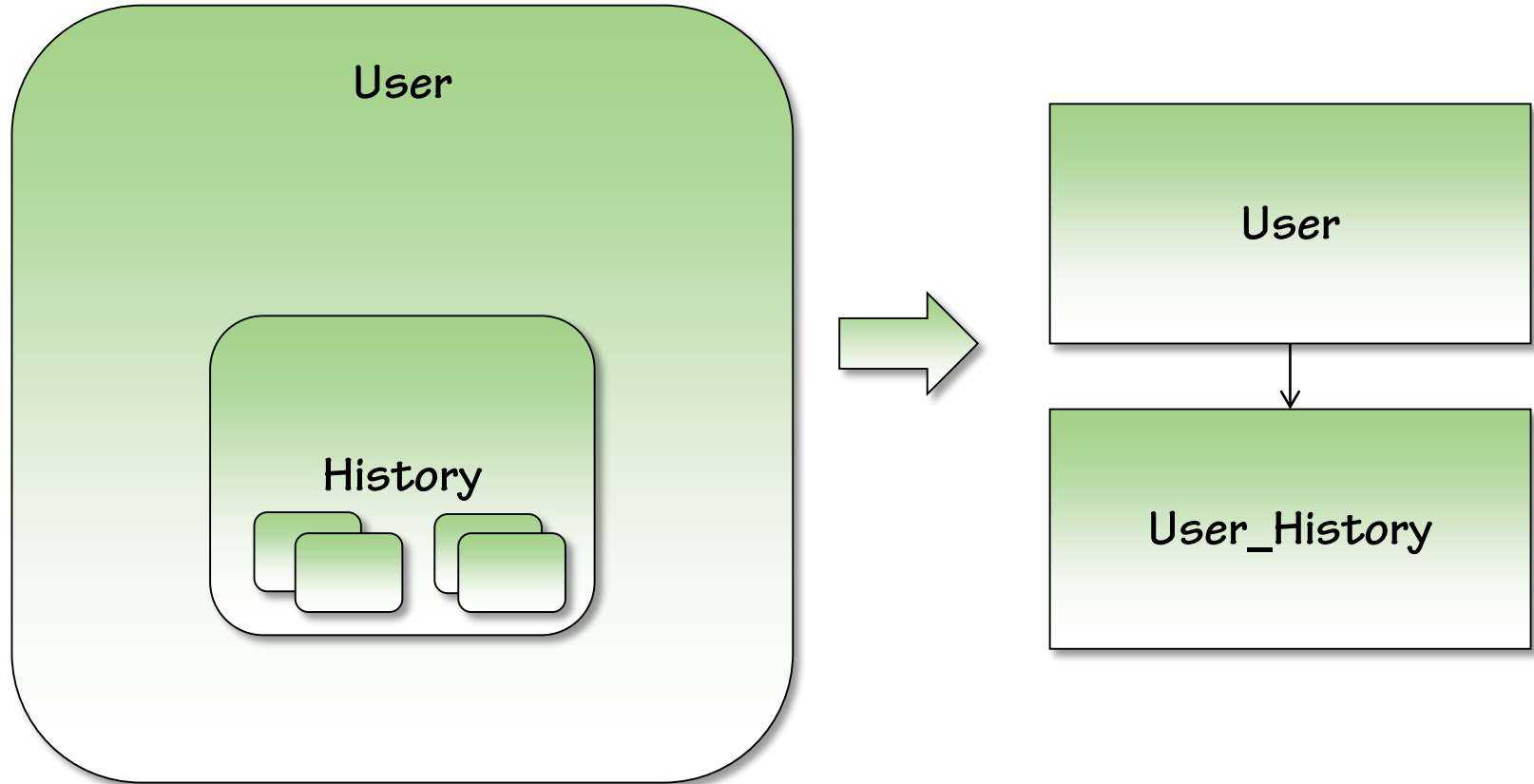
Value Type Collections

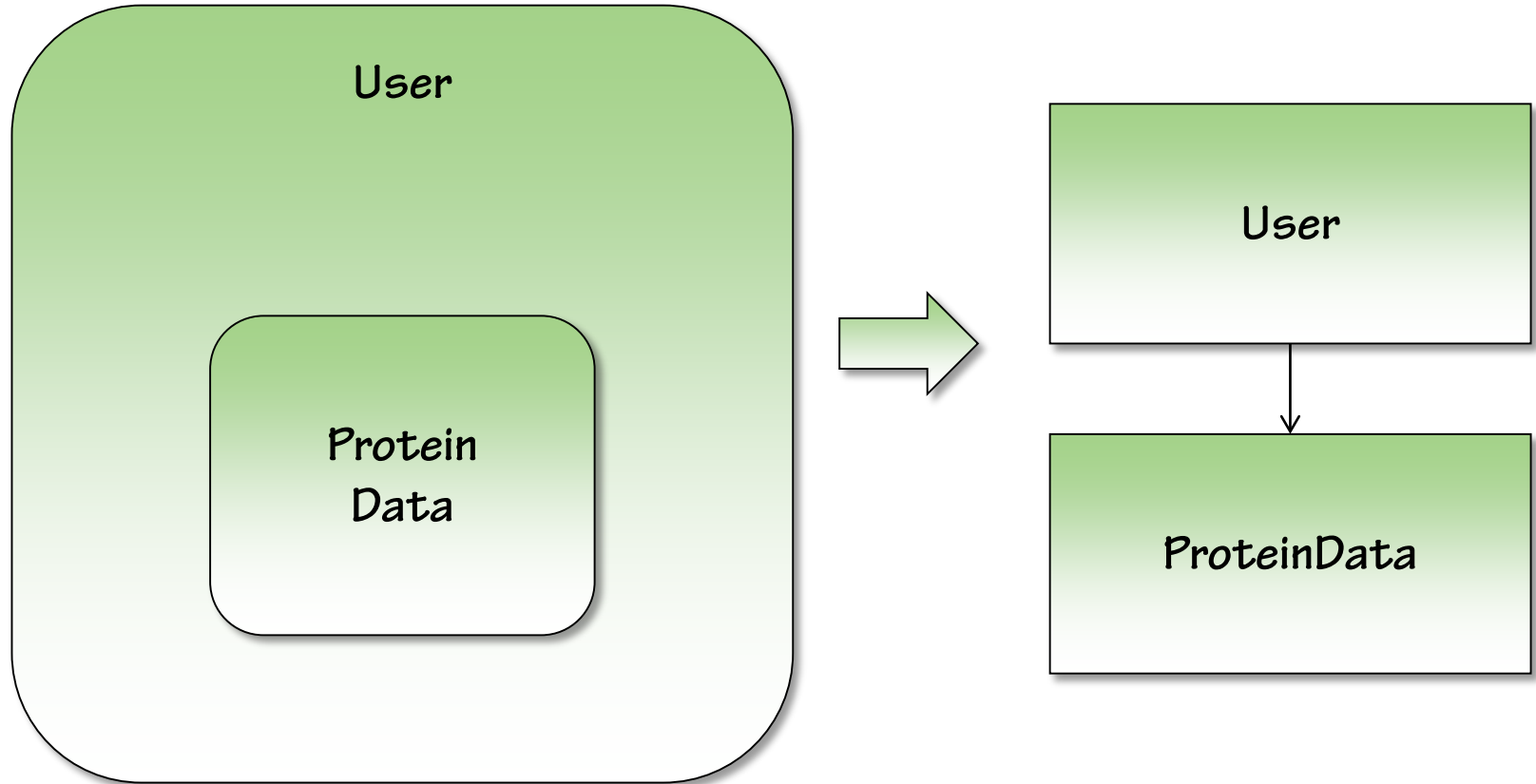*Value type collections are mapped to two tables*

Mapping Entity Relationships
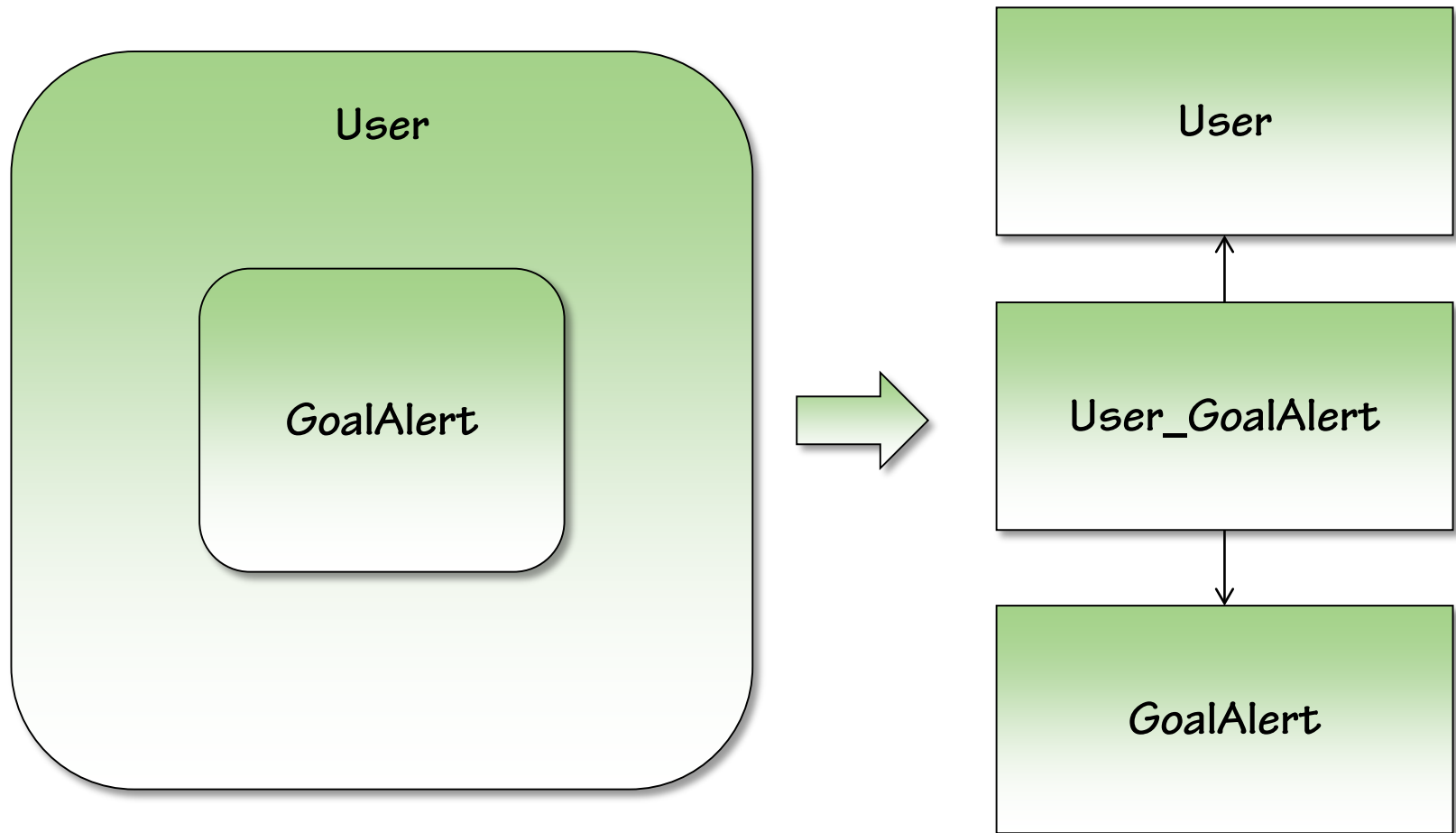

Now we get to the "fun" stuff

One To Many

This looks exactly the same as a collection, what gives?

One To One

User

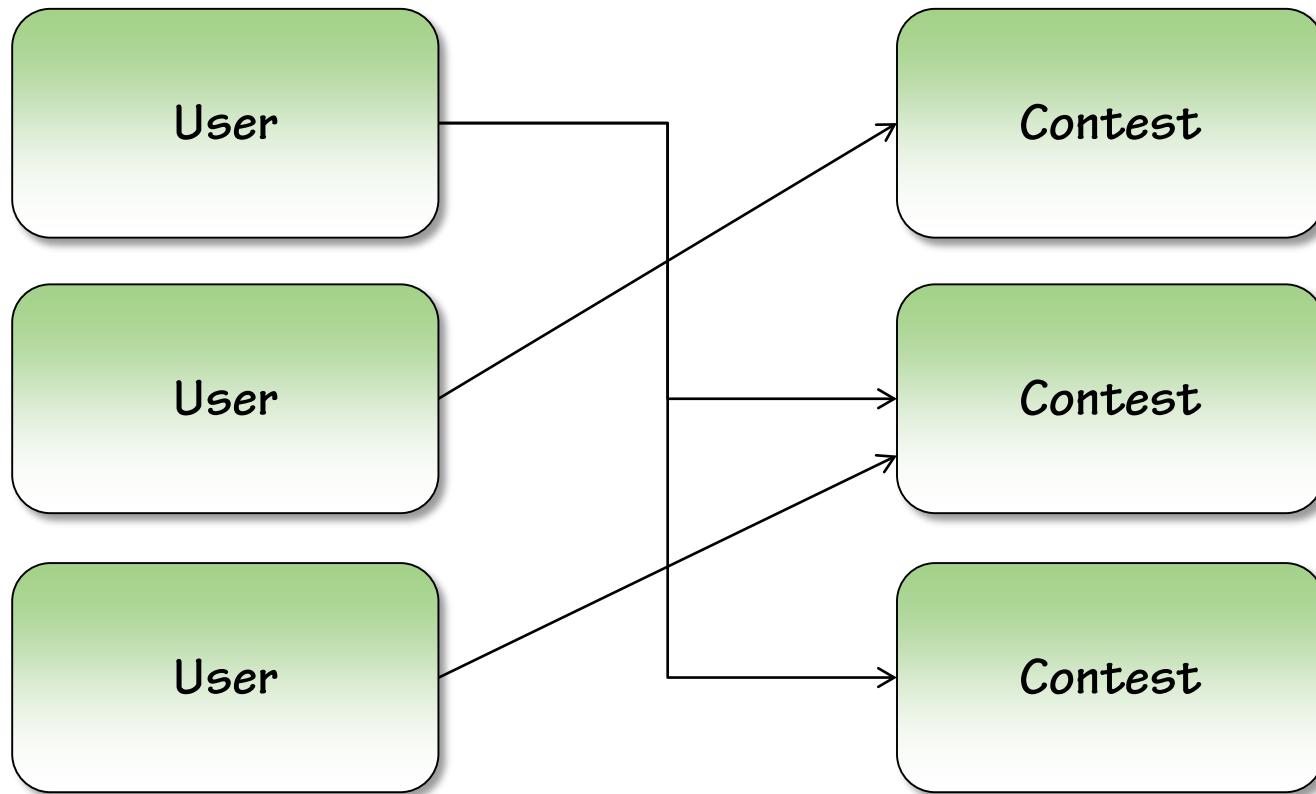Protein
Data

User

ProteinData

This is similar to a component, but mapped differently
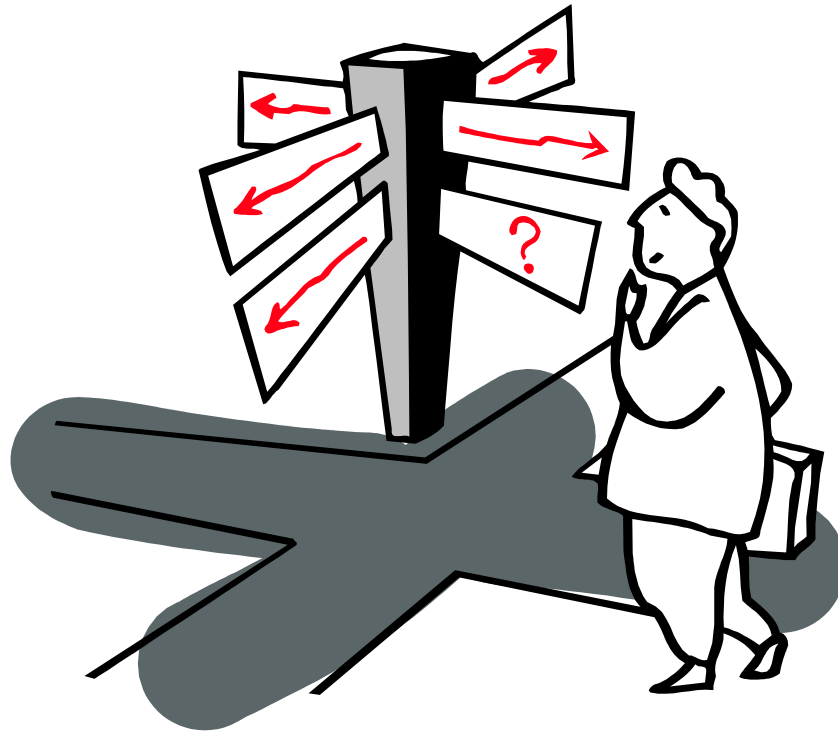
Using A Join Table

A join table allows for data about a relationship, like when it was created

Many To Many

Users can be in any number of contests and contests can have any number of users

More?

Try to stick to simple mappings if possible

Up Next

.add(Restrictions.like(…))

SELECT * FROM USERS WHERE

We'll be using Hibernate's powerful querying engine to query data