



CS544 EA

Hibernate

Optimization: Cartesian Product Summary

# Cartesian Product Summary

- To fix a Cartesian product, **use more queries.**
- For example if we need to make a report on which active Salesrep sold the most books or movies
- Create the following queries:
  - From Salesrep s join s.customers c where s.active = 1
  - From Customer c join c.books b where c.salesrep.active=1
  - From Customer c join c.movies m where c.salesrep.active=1
- Once data is loaded you can use it (without N+1 fear)

