

Summary

This extended lecture series (L13-L23) covers comprehensive Hibernate concepts from basic mapping to advanced caching:

Core Mapping Concepts (L13-L19):

1. **L13:** Database relationship mapping fundamentals
2. **L14:** One-to-one mapping implementation
3. **L15:** One-to-many/many-to-one relationships
4. **L16:** Many-to-many mapping with junction tables
5. **L17:** Fetch strategies and caching introduction
6. **L18:** L1 cache mechanics and benefits
7. **L19:** HQL introduction and basic concepts

Advanced HQL and Caching (L20-L23):

8. **L20:** HQL data fetching with practical implementation
9. **L21:** Advanced filtering and selective property retrieval
10. **L22:** Method comparison (get vs load) and modern alternatives
11. **L23:** L2 cache implementation using EHCache

Best Practices Summary:

- **Use Modern Methods:** Replace deprecated `get()/load()` with `find()/getReference()`
- **Optimize Queries:** Use HQL parameter binding and selective fetching
- **Leverage Caching:** Implement L2 cache for frequently accessed data
- **Choose Appropriate Strategies:** Select proper fetch types and cache strategies
- **Plan for Future:** Avoid deprecated methods and use current Hibernate features
- **Performance Focus:** Balance between immediate loading and lazy loading based on use case