1. ORM - Overview
2. Hibernate - Overview
3. Hibernate - Architecture
4. Hibernate – SessionFactory
5. Hibernate – Session
6. Hibernate - Persistent Class
7. Hibernate - Mapping Files/ Hibernate – Mappings
8. Hibernate – Save Update
9. Hibernate – Persist -incomplete
10. Hibernate – Get/Fetch
11. Hibernate – Merge & Refresh
12. Hibernate – Get Entity Reference
13. Different between session.get() and session.load()
14. Understanding when should use get or load to retrieve the object in order to avoid unnecessary hit to the database.
15. Hibernate – Persistence LifeCycle
16. Hibernate – Entities Equality
17. Hibernate – Lazy Loading
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19. Hibernate – @NaturalId
20. Hibernate – @OneToOne
21. Hibernate – @OneToMany
22. Hibernate – @ManyToMany
23. Hibernate-bidirectional and unidirectional mapping
24. Hibernate many to many example (NO extra column in join table) with annotation code.
25. Many-to-Many example – join table + extra column (Annotation)
26. Hibernate many to many example (WITH extra column in join table) with annotation code.
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28. Inheritance Mapping -Table Per Hierarchy TPH
29. Inheritance Mapping -Table Per ConcreteTPC
30. Table Per SubclassTPS using Annotation
31. ListMapping
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35. Tx Management
36. Hibernate - Caching
37. Hibernate - Batch Processing
38. Hibernate Cascade
39. Hibernate cascade is use to manage the state of the other side automatically.
40. Hibernate – Cascade Types
41. Cascade example (save, update, delete and delete-orphan)
42. Cascade examples in save, update, delete and delete orphan. And the different between delete and delete orphan.
43. Different between cascade and inverse
44. Hibernate – EhCache Configuration
45. Hibernate – OSCache Configuration
46. Hibernate – C3P0 Connection Pool
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48. Hibernate Connection Pool
49. How to configure database connection pool in Hibernate
50. Configure C3P0 connection pool in Hibernate
51. Configure DBCP connection pool in Hibernate
52. Integrate Apache DBCP with Hibernate
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57. Hibernate – Criteria Queries
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59. Hibernate – First Level Cache
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61. Hibernate – Bean Validation
62. Hibernate – Validator CDI
63. UnexpectedTypeException
64. Off Topic : Understand inverse keywork, example and explanation
65. The “inverse” is the most confusing keyword in Hibernate, but you have to understand this clearly in order to fine tune your relationship performance.
66. Hibernate Logging
67. How to do logging in Hibernate
68. Configure logging in Hibernate – SLF4j + Log4j
69. Integrate SLF4j + Log4j with Hibernate.
70. Configure logging in Hibernate – Logback
71. Integrate Logback with Hibernate.
72. here’s the explanation.
73. Cascade – JPA & Hibernate annotation common mistake
74. A super easy common annotation mistake made by beginner or experienced Hibernate developers – JPA cascade annotation in Hibernate?
75. Hibernate Query Language (HQL), Hibernate Query examples (HQL)
76. Hibernate own language for the data manipulation, it’s quite similar to database SQL language.
77. HQL CRUD examples , select, update , delete and batch insert (no single insert support).
78. Hibernate parameter binding examples
79. Bind the parameter into HQL with “Named parameters” and “Positional parameters” methods.
80. Hibernate Criteria
81. Hibernate Criteria API is an alternative to Hibernate Query Language (HQL). It’s always a good solution in many optional search criteria.
82. Hibernate Criteria examples
83. Criteria examples – basic query, ordering query, restrictions query and paging the result.
84. Hibernate Native SQL
85. Hibernate native SQL queries examples
86. Hibernate Named Query
87. Hibernate named query examples
88. Hibernate Transaction
89. All things related to Hibernate Transaction
90. Hibernate data filter example
91. Hibernate interceptor example – audit log
92. Hibernate interceptor is used to intercept the Hibernate events like CRUD operations, a detail example of audit log implementation with Hibernate interceptor.
93. Hibernate Performance
94. dynamic-insert attribute example
95. Using dynamic-insert to avoid the include unmodified properties in the SQL INSERT statement.
96. dynamic-update attribute example
97. Using dynamic-insert to avoid the include unmodified properties in the SQL UPDATE statement.
98. Hibernate mutable example (class and collection)
99. Using mutable keyword to avoid the generate unnecessary SQL statements.
100. Hibernate – fetching strategies examples
101. Hibernate fetching strategies are used to optimize the Hibernate generated select statement, a must learn skill for any Hibernate developers.
102. Integrate Hibernate with Other Frameworks
103. Examples to integrate Hibernate with other frameworks.