

# Advanced Hibernate Workshop

Hibernate makes it easy to persist a few simple entities in your database. But for most applications, you need a lot more than that. You need to implement complex business requirements that require advanced mappings, dynamically created queries and application- or database-specific data types. You might even need to process life cycle events or support multi-tenancy.

You can easily do all of that with Hibernate, and in this training, I will show you how.

## Program

During this training, you will work with lots of examples to learn about Hibernate's advanced features and concepts which enable you to:

- create complex, advanced mappings,
- use the Criteria API to create dynamic, type-safe database queries,
- choose the optimal strategy to map the inheritance hierarchies used in your domain model to relational database tables,
- execute custom code whenever Hibernate triggers a life cycle event,
- support database-specific and custom data types, and
- use Hibernate's multi-tenancy support.

## Goals:

After you participated in this training, you will be able to use Hibernate's advanced features to implement complex business requirements and to build a robust and maintainable persistence layer.

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## Target Audience:

Software developers and architects who are already familiar with basic JPA and Hibernate concepts.

## Duration:

2 days

## Trainer:

Thorben Janssen is an independent consultant, trainer and the author of Amazon's bestselling book [Hibernate Tips - More than 70 solutions to common Hibernate problems](#). He has been working with Java and Java EE for more than 15 years and is a member of the CDI 2.0 expert group (JSR 365).

He writes about Java EE related topics on his blog [www.thoughts-on-java.org](http://www.thoughts-on-java.org).