Hibernate Flow

Presented by

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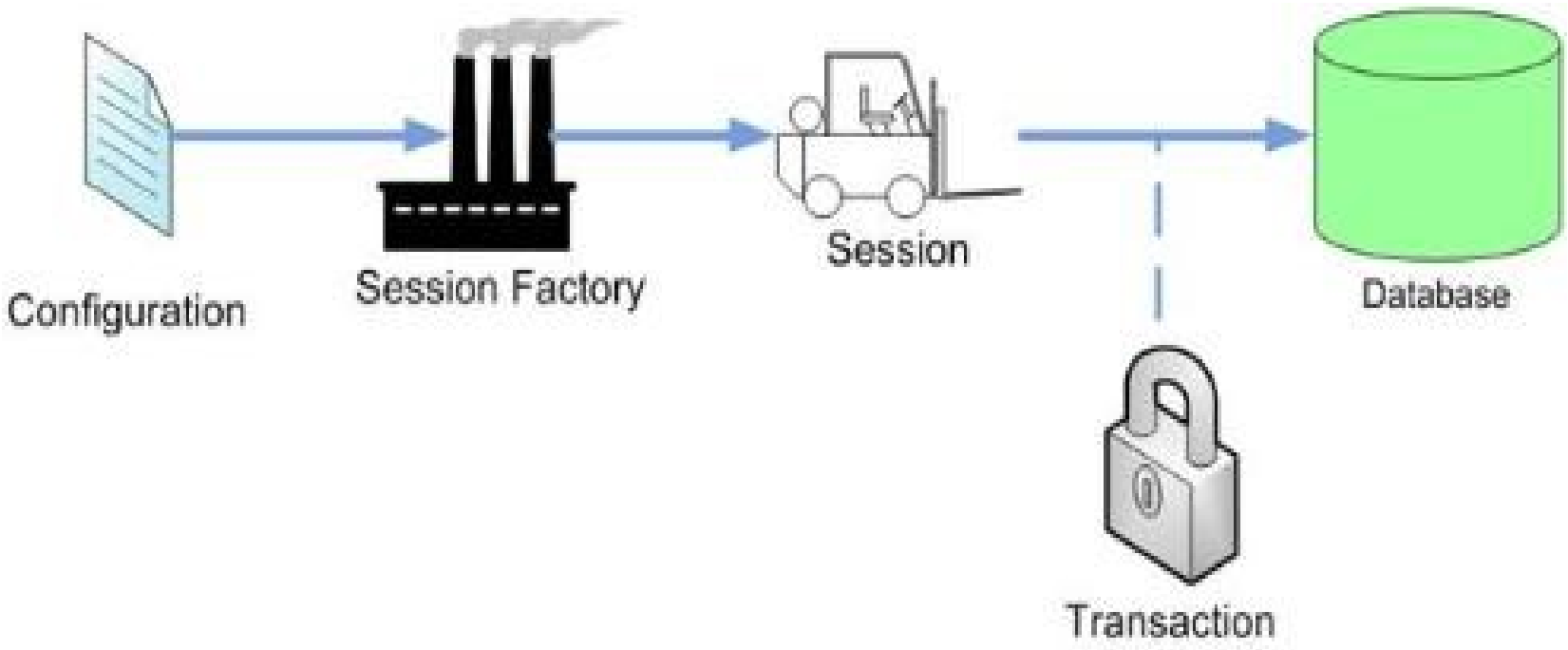
Hibernate Flow



Hibernate Flow - Configuration

Hibernate API - Configuration Class

Hibernate API

- Represents a set of mapping files
- Mapping files can be specified programmatically or through the Hibernate configuration file
- Intended as a startup-time object

```
Configuration configuration = new Configuration()
    .addResource( "Event.hbm.xml" )
    .addResource( "Person.hbm.xml" );
```

...or...

```
Configuration configuration = new Configuration();

configuration.configure();
```

Loads Hibernate.cfg.xml from the classpath

HIBERNATE

Hibernate Flow - SessionFactory

Hibernate API - SessionFactory Interface

Hibernate API

- Obtained from a Configuration instance
- Shared among application threads
- Main purpose is to provide *Session* instances
- Allowed to instantiate more than one SessionFactory

```
SessionFactory sessionFactory =
    configuration.buildSessionFactory();
```

Hibernate Flow - Session

Hibernate API - Session Interface

Hibernate API

- Obtained from a SessionFactory instance
- Main runtime interface between a Java application and Hibernate
- Responsible for storing and retrieving objects
- Think of it as a collection of loaded objects related to a *single unit of work*

```
Session session =
    sessionFactory.openSession();
```

Hibernate Flow – save()

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HIBERNATE

return
THANK
YOU
control