

DESARROLLO DE SOFTWARE I

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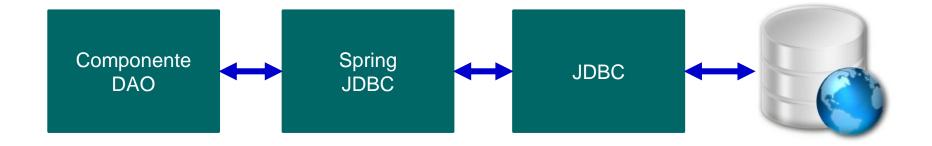
TEMA: Fundamentos de Spring JDBC



Logro de la Sesión

Ejecutar consultas simples con Spring JDBC.







UCH CONFIGURACIÓN

Driver JDBC



UCH CONFIGURACIÓN de maven

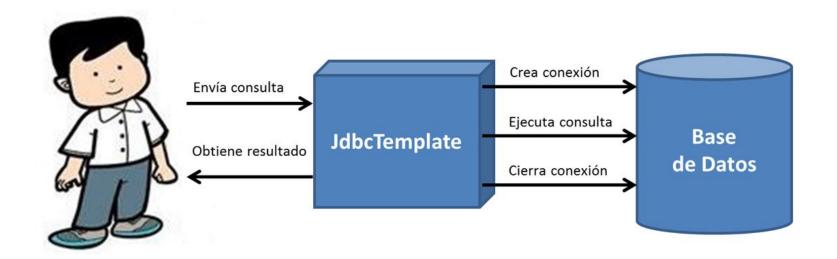
Spring JDBC



JCH Fuente de datos

```
<bean id="dataSource"</pre>
        class="org.springframework.jdbc.datasource.DriverManagerDataSource">
         cproperty name="driverClassName" value="com.mysql.jdbc.Driver" />
         cproperty name="url" value="jdbc:mysql://localhost:3306/eurekabank" />
        cproperty name="username" value="eureka" />
        cproperty name="password" value="admin" />
</bean>
<bean id="transactionManager"</pre>
        class="org.springframework.jdbc.datasource.DataSourceTransactionManager">
        cproperty name="dataSource" ref="dataSource" />
</bean>
<tx:annotation-driven transaction-manager="transactionManager" />
```





UCH JDBCTEMPLATE

Caso 1

Contexto

Componente DAO

```
@Repository
public class EurekaDaoImpl implements EurekaDaoEspec {
    @Autowired
    private JdbcTemplate jdbcTemplate;
}
```

UCH JDBCTEMPLATE

Caso 2

```
public abstract class AbstractDaoSupport {
 @Autowired
 protected JdbcTemplate jdbcTemplate;
@Repository
public class EurekaDaoImpl extends AbstractDaoSupport
implements EurekaDaoEspec {
 // Aquí se tiene acceso
 // a la variable jdbcTemplate
```

JCH CONSULTAS SIMPLES

Consultando un dato entero

```
String sql = "select count(*) from cuenta";
int rowCount = jdbcTemplate.queryForObject(sql,Integer.class);
System.out.println("Cantidad de cuentas: " + rowCount);
```

Consultando un dato double

```
String sql = "select sum(dec_cuensaldo) from cuenta";
Double saldo = jdbcTemplate.queryForObject(sql, Double.class);
System.out.println("Saldo total: " + saldo);
```

UCH CONSULTAS SIMPLES

Consultando un String

```
String sql = "select vch_clienombre from cliente where chr_cliecodigo = ?";
Object[] parms = {"00001"};
String nombre = jdbcTemplate.queryForObject(sql, parms, String.class);
System.out.println("Nombre: " + nombre);
```