# Persistir un objeto (insert)

```
package sv.com.gm.sga.cliente.ciclovidajpa;

import org.apache.logging.log4j.*;
import javax.persistence.*;
import sv.com.gm.sga.domain.Persona;

public class PersisitirObjetoJFA {
    static Logger log = LogManager.getRootLogger();
    public static void main(String[] args) {
        EntityManagerEactory emf = Persistence.createEntityManagerFactory(persistenceUnitName:"SgaPU");
        EntityManager em = emf.createEntityManager();
        EntityTransaction tx = em.getTransaction();

        Persona personal= new Persona(sembre: "Pedro",apellido: "Luna",email: "pedro@gmail.com",telefomo: "13132153");
        tx.begin();
        em.persist(entity: personal);
        log.debug("Objeto persistido - sin commit: "+personal);
        tx.commit();
        log.debug("Objeto persiste - estado detached:"+personal);
        em.close();

}
```

#### **Persistence**

```
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```

# Recuperar objeto:

```
public class EncontrarObjetoJPA (
    static Logger Zog = LogManages.getRootLogger();
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        EntityManager = ent.oreatenintyManagerFactory(ssissant Void smill Octino());
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        ExtractionityManager();
        EntityManager();
        E
```

## **Update objeto:**

```
package sv.com.gm.sga.cliente.ciclovidajpa;

import javax.persistence.EntityManager;
import javax.persistence.EntityManagerFactory;
import javax.persistence.EntityManagerFactory;
import javax.persistence.EntityManager;
import org.apache.logging.log4j.LogManager;
import org.apache.logging.log4j.LogManager;
import org.apache.logging.log4j.LogManager;
import sv.com.gm.sga.domain.Persona;

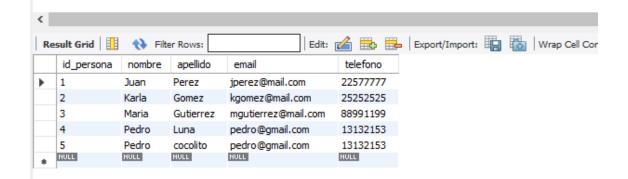
public class MergeObjetoJPA {
    static Logger log = LogManager.getRootLogger();
    public static void main(String[] args) {
        EntityManagerFactory emf = Persistence.createEntityManagerFactory(persistenceUnitManaer"SgaPU");
        EntityManager em = emf.createEntityManager();
        EntityTransaction tx = em.getTransaction();

        Persona personal= new Persona();
        tx.begin();
        personal=em.find(entityClass:Persona.class, prinaryMeg: 5);

        personal.setApellido(perlide:"cocolito");
        tx.commit();

        log.debug("Objeto recuperado: "+personal);
        em.close();
}
```





## Eliminar objeto:

```
import javax.persistence.Persistence;
import org.apache.logging.log4j.LogManager;
import org.apache.logging.log4j.LogManager;
import sv.com.gm.sga.domain.Persona;

/**

* Sauthor Johan

*/
public class EliminarObjetoJpa {

static Logger log = LogManager.getRootLogger();

public static void main(String[] args) {

EntityManagerFactory emf = Persistence.createEntityManagerFactory(persistenceUnitWana; "SgaPU");

EntityManager em = emf.createEntityManager();

EntityTransaction tx = em.getTransaction();

Persona personal = new Persona();

tx.begin();

personal = em.find(entityClass:Persona.class, primaryKey: 5);

em.remove(entity: personal);

tx.commatt();
em.close();
}

}
```

