Asociaciones en JPA

Lazy

```
private static final long serialVersionUID = 1L;
@Id
@GeneratedValue(strategy = GenerationType.IDENTITY)
@Basic(optional = false)
@Column(name = "id_persona")
private Integer idPersona;
@Size(max = 45)
private String nombre;
@Size(max = 45)
private String apellido;
// @Pattern(regexp="[a-z0-9!#$%&'*+/=?^_`{|}~-]+(?:\\.[a-z0-9!#$%&'*+/=?^_`{|}}
@Size(max = 45)
private String email;
@Size(max = 45)
private String telefono;
@OneToMany(mappedBy = "persona")
private List<Usuario> usuarioList;
```

```
java.lang.lilegalArgumentException: Unsupported class file major version él
[EL Severe]: matedata: 2023-11-02 17:34:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500--2024:27.500
```

Eager:

```
@OneToMany(mappedBy = "persona",fetch = FetchType.EAGER)
private List<Usuario> usuarioList;
```

```
@JoinColumn(name = "id_persona", referencedColumnName = "id_persona")
@ManyToOne(fetch=FetchType.EAGER)
private Persona persona;
```

```
Java.lang.ArrayIndexOutOfBound#EAcception: Index 8 out of bounds for length 0

[EL Into]: 2022-11-02 [1744:14.302—ServerEssmin(195840034]—AcclapseLink, version: Eclipse Persistence Services - 2.7.4.v2019015-ad85Pc6D2a

[EL Into]: connection: 2023-11-02 [1744:14.302—ServerEssmin(195840034]—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(19540034)—Acception(195400
```

Persistencia en cascada:

```
@ManyToOne(cascade = CascadeType.ALL)

private Persona persona;
```

```
@OneToMany(mappedBy = "persona", cascade = CascadeType.ALL)
private List<Usuario> usuarioList;
```

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

        Persona personal = new Persona(nombre: "Hugo", apellido: "Hernandez", email: "hhernandez@mail.com", telefono: "55778822");

        Usuario usuariol = new Usuario(username: "hhernandez", password: "123", personar personal);

        em.persist(entity: usuariol);

        tx.commit();

        log.debug("objeto persistido persona:" + personal);
        log.debug("objeto persistido usuario:" + usuariol);

        em.close();
    }
}
```

```
[EL Info]: 2023-11-02 17:59:53 466-5erverlession(53940034) —Eclipselink, version: Tollipse Persistence Services - 2.7.4.v20190115-adD7cfblse
[EL Info]: connection: 2023-11-02 17:59:53 563-Serverlession(53940034) —File [7.0] version: Tollipse Persistence Services - 2.7.4.v20190115-adD7cfblse
[EL Info]: sqi: 2023-11-02 17:59:53 563-Serverlession(5390124) —Connection(164949695) —INFO PERSONA (AFELINO, PERIL, NAMERE, TELEFOND) VALUES (1, 7, 7)
bind => (4 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 368-ClientSession(159917166) —Connection(164949695) —INFERT INFO PERSONA (AFELINO, PERSONA (AFELINO, VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166) —Connection(164949695) —INFERT INFO TOURADO (RASSWORD, USERIAME, id_persona) VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166) —Connection(1649496959) —INFERT INFO TOURADO (RASSWORD, USERIAME, id_persona) VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166) —Connection(1649496959) —INFERT INFO

TOURADO (RASSWORD, USERIAME, id_persona) VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166) —Connection(1649496959) —INFERT INFO

TOURADO (RASSWORD, USERIAME, id_persona) VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166) —Connection(1649496959) —INFERT INFO

TOURADO (RASSWORD, USERIAME, id_persona) VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166) —Connection(1649496959) —INFERT INFO

TOURADO (RASSWORD, USERIAME, id_persona) VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166) —Connection(1649496959) —INFERT INFO

TOURADO (RASSWORD, USERIAME, id_persona) VALUES (1, 7, 7)
bind => (3 parameters bound)
[EL Fine]: sqi: 2023-11-02 17:59:53 701-ClientSession(159917166
```