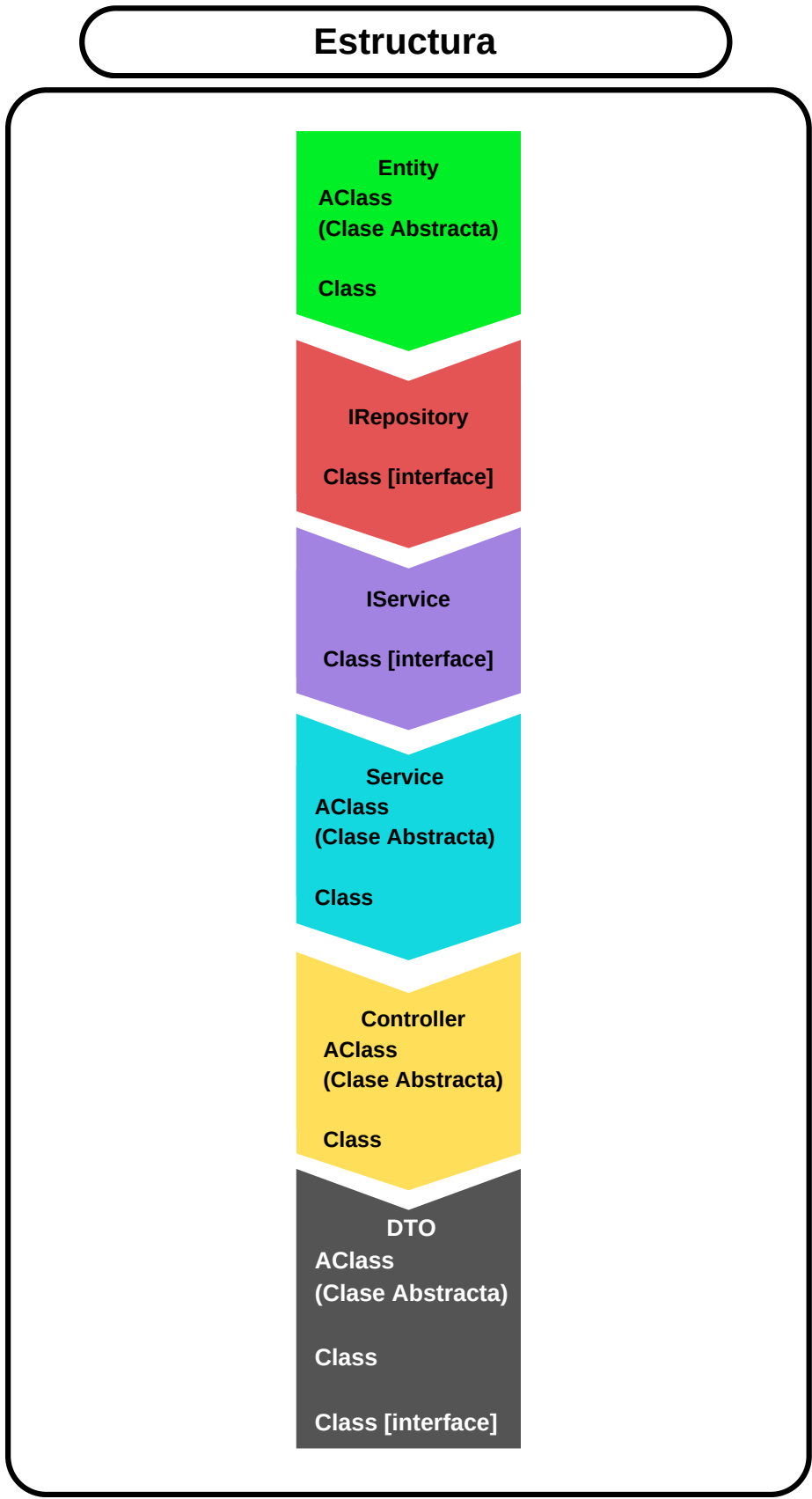


DTO



DTO

¿Qué es?

Un DTO, o Data Transfer Object, es un objeto simple que se utiliza para transportar datos entre diferentes capas o componentes de una aplicación. Los DTO son especialmente útiles en arquitecturas de software como n-capas o microservicios, donde se necesita compartir datos entre diferentes sistemas o procesos.

DTO

DTO

Ejemplo

Entidad

```
@Entity
@Table(name = "module")
public class Module extends ABASEEntity {
    @Column(name = "name", length = 50, nullable = false)
    private String name;

    @Column(name = "route", length = 50, nullable = false)
    private String route;

    @Column(name = "description", length = 50, nullable = false, unique = true)
    private String description;

    public String getName() {return name;}

    public void setName(String name) {this.name = name;}

    public String getRoute() {return route;}

    public void setRoute(String route) {this.route = route;}

    public String getDescription() {return description;}

    public void setDescription(String description) {this.description = description;}
```

DTO

Ejemplo

DTO: Modulo

```
public interface IModuleDto {  
    String getName();  
    String getRoute();  
    String getDescription();  
}
```

DTO

Ejemplo

@Query

```
@Query(value = " SELECT "  
        + " id,"  
        + " name as module,"  
        + " route, "  
        + " description, "  
        + " state "  
        + " FROM "  
        + " module "  
        + " WHERE "  
        + " deleted_at IS NULL", nativeQuery = true)  
List<IModuleDto> getList();
```