



DBSchema

```
grant dba to "root";
```

```
{ TABLE "root".usuario row size = 48 number of columns = 4 index size = 9 }
```

```
create table "root".usuario  
(  
    ci integer not null ,  
    pass varchar(20) not null ,  
    nombre varchar(20) not null ,  
    activo "informix".boolean  
        default 't' not null ,  
    primary key (ci)  
);
```

```
revoke all on "root".usuario from "public" as "root";
```

```
{ TABLE "root".telefonos row size = 8 number of columns = 2 index size = 22 }
```

```
create table "root".telefonos
```

```
(  
    ciusuario integer not null ,  
    telefono integer not null ,  
    primary key (ciusuario,telefono)  
);
```

```
revoke all on "root".telefonos from "public" as "root";
```

```
{ TABLE "root".operario row size = 11 number of columns = 2 index size = 9 }
```

```
create table "root".operario
```

```
(  
    cioperario integer not null ,  
    tipo varchar(6),  
  
    check (tipo IN ('puerto' , 'patio' )),  
    primary key (cioperario)  
);
```

```
revoke all on "root".operario from "public" as "root";
```

```
{ TABLE "root".transportista row size = 4 number of columns = 1 index size = 9 }
```

```
create table "root".transportista
```

```
(  
    citransportista integer not null ,  
    primary key (citransportista)  
);
```

```
revoke all on "root".transportista from "public" as "root";
```

```
{ TABLE "root".tipo_camion row size = 18 number of columns = 2 index size  
= 9 }
```

```
create table "root".tipo_camion
```

```
(  
    id_camion serial not null ,  
    tipo_camion varchar(13) not null ,  
    primary key (id_camion)  
);
```

```
revoke all on "root".tipo_camion from "public" as "root";
```

```
{ TABLE "root".transporte row size = 12 number of columns = 2 index size =  
22 }
```

```
create table "root".transporte
```

```
(  
    matricula varchar(7) not null ,  
    tipo_camion serial not null ,
```

primary key (matricula)

);

revoke all on "root".transporte from "public" as "root";

{ TABLE "root".maneja row size = 12 number of columns = 2 index size =
39 }

create table "root".maneja

(

cittransportista integer not null ,

matricula varchar(7) not null ,

primary key (cittransportista,matricula)

);

revoke all on "root".maneja from "public" as "root";

{ TABLE "root".transporta_lote row size = 68 number of columns = 7 index size =
31 }

create table "root".transporta_lote

(

nro_lote serial not null ,

cittransportista integer not null ,

matricula varchar(7) not null ,

f_inicio datetime year to day not null ,

f_final datetime year to day not null ,

l_inicio varchar(20) not null ,

```
l_final varchar(20) not null ,  
primary key (nro_lote)  
);
```

```
revoke all on "root".transporta_lote from "public" as "root";
```

```
{ TABLE "root".tipo_vehiculo row size = 23 number of columns = 2 index size  
= 7 }
```

```
create table "root".tipo_vehiculo  
(  
id_tipo smallint not null ,  
descripcion_tipo varchar(20) not null ,  
primary key (id_tipo)  
);
```

```
revoke all on "root".tipo_vehiculo from "public" as "root";
```

```
{ TABLE "root".vehiculo row size = 129 number of columns = 9 index size =  
30 }
```

```
create table "root".vehiculo  
(  
vin varchar(17) not null ,  
nro_lote smallint  
default null,  
id_tipo smallint not null ,
```

```
marca varchar(20) not null ,
modelo varchar(20) not null ,
version varchar(20) not null ,
anio smallint not null ,
color varchar(20) not null ,
estado varchar(20) not null ,
primary key (vin)
);
```

```
revoke all on "root".vehiculo from "public" as "root";
```

```
{ TABLE "root".op_insp_vehiculo row size = 157 number of columns = 8 index size
= 59 }
```

```
create table "root".op_insp_vehiculo
(
    id_inspeccion serial not null ,
    cioperario integer not null ,
    vin varchar(17) not null ,
    lugar varchar(20)
        default 'puerto',
    fecha datetime year to day not null ,
    hora datetime hour to minute not null ,
    imagen varchar(20) not null ,
    descripcion varchar(80),
    primary key (cioperario,vin)
```

```
);
```

```
revoke all on "root".op_insp_vehiculo from "public" as "root";  
{ TABLE "root".subzona row size = 25 number of columns = 3 index size  
= 7 }
```

```
create table "root".subzona
```

```
(  
    nro_subzona smallint not null ,  
    nombre varchar(20) not null ,  
    capacidad smallint not null ,  
    primary key (nro_subzona)  
);
```

```
revoke all on "root".subzona from "public" as "root";
```

```
{ TABLE "root".zona row size = 46 number of columns = 4 index size =  
14 }
```

```
create table "root".zona
```

```
(  
    nro_zona smallint not null ,  
    nombre varchar(20) not null ,  
    capacidad varchar(20) not null ,  
    nro_subzona smallint not null ,  
    primary key (nro_zona)  
);
```

```
revoke all on "root".zona from "public" as "root";
```

```
{ TABLE "root".pertenece row size = 22 number of columns = 3 index size =  
37 }
```

```
create table "root".pertenece
```

```
(  
    vin varchar(17) not null ,  
    nro_zona smallint not null ,  
    nro_subzona smallint not null ,  
    primary key (vin)  
);
```

```
revoke all on "root".pertenece from "public" as "root";
```

```
{ TABLE "root".lote row size = 128 number of columns = 4 index size  
= 7 }
```

```
create table "root".lote
```

```
(  
    nro_lote smallint not null ,  
    cioperario integer not null ,  
    nombre_lote varchar(20) not null ,  
    descripcion_lote varchar(100),  
    primary key (nro_lote)  
);
```



```
revoke all on "root".lote from "public" as "root";
```

```
grant select on "root".usuario to "public" as "root";
```

```
grant update on "root".usuario to "public" as "root";
```

```
grant insert on "root".usuario to "public" as "root";
```

```
grant delete on "root".usuario to "public" as "root";
```

```
grant index on "root".usuario to "public" as "root";
```

```
grant select on "root".telefonos to "public" as "root";
```

```
grant update on "root".telefonos to "public" as "root";
```

```
grant insert on "root".telefonos to "public" as "root";
```

```
grant delete on "root".telefonos to "public" as "root";
```

```
grant index on "root".telefonos to "public" as "root";
```

```
grant select on "root".operario to "public" as "root";
```

```
grant update on "root".operario to "public" as "root";
```

```
grant insert on "root".operario to "public" as "root";
```

```
grant delete on "root".operario to "public" as "root";
```

```
grant index on "root".operario to "public" as "root";
```

```
grant select on "root".transportista to "public" as "root";
```

```
grant update on "root".transportista to "public" as "root";
```

```
grant insert on "root".transportista to "public" as "root";
```

```
grant delete on "root".transportista to "public" as "root";
```

```
grant index on "root".transportista to "public" as "root";
```

```
grant select on "root".tipo_camion to "public" as "root";
```

```
grant update on "root".tipo_camion to "public" as "root";
```

```
grant insert on "root".tipo_camion to "public" as "root";
```

```
grant delete on "root".tipo_camion to "public" as "root";
grant index on "root".tipo_camion to "public" as "root";
grant select on "root".transporte to "public" as "root";
grant update on "root".transporte to "public" as "root";
grant insert on "root".transporte to "public" as "root";
grant delete on "root".transporte to "public" as "root";
grant index on "root".transporte to "public" as "root";
grant select on "root".maneja to "public" as "root";
grant update on "root".maneja to "public" as "root";
grant insert on "root".maneja to "public" as "root";
grant delete on "root".maneja to "public" as "root";
grant index on "root".maneja to "public" as "root";
grant select on "root".transporta_lote to "public" as "root";
grant update on "root".transporta_lote to "public" as "root";
grant insert on "root".transporta_lote to "public" as "root";
grant delete on "root".transporta_lote to "public" as "root";
grant index on "root".transporta_lote to "public" as "root";
grant select on "root".tipo_vehiculo to "public" as "root";
grant update on "root".tipo_vehiculo to "public" as "root";
grant insert on "root".tipo_vehiculo to "public" as "root";
grant delete on "root".tipo_vehiculo to "public" as "root";
grant index on "root".tipo_vehiculo to "public" as "root";
grant select on "root".vehiculo to "public" as "root";
grant update on "root".vehiculo to "public" as "root";
grant insert on "root".vehiculo to "public" as "root";
```

```
grant delete on "root".vehiculo to "public" as "root";
grant index on "root".vehiculo to "public" as "root";
grant select on "root".op_insp_vehiculo to "public" as "root";
grant update on "root".op_insp_vehiculo to "public" as "root";
grant insert on "root".op_insp_vehiculo to "public" as "root";
grant delete on "root".op_insp_vehiculo to "public" as "root";
grant index on "root".op_insp_vehiculo to "public" as "root";
grant select on "root".subzona to "public" as "root";
grant update on "root".subzona to "public" as "root";
grant insert on "root".subzona to "public" as "root";
grant delete on "root".subzona to "public" as "root";
grant index on "root".subzona to "public" as "root";
grant select on "root".zona to "public" as "root";
grant update on "root".zona to "public" as "root";
grant insert on "root".zona to "public" as "root";
grant delete on "root".zona to "public" as "root";
grant index on "root".zona to "public" as "root";
grant select on "root".pertenece to "public" as "root";
grant update on "root".pertenece to "public" as "root";
grant insert on "root".pertenece to "public" as "root";
grant delete on "root".pertenece to "public" as "root";
grant index on "root".pertenece to "public" as "root";
grant select on "root".lote to "public" as "root";
grant update on "root".lote to "public" as "root";
grant insert on "root".lote to "public" as "root";
```

```
grant delete on "root".lote to "public" as "root";
```

```
grant index on "root".lote to "public" as "root";
```

```
revoke usage on language SPL from  
public ;
```

```
grant usage on language SPL to public  
;
```

```
alter table "root".telefonos add constraint (foreign key  
(ciusuario)  
  
references "root".usuario constraint "root".pk_usuario_telefono);
```

```
alter table "root".operario add constraint (foreign key  
(cioperario)  
  
references "root".usuario constraint "root".pk_usuario_operario);
```

```
alter table "root".transportista add constraint (foreign key  
  
(cittransportista) references "root".usuario constraint "root"  
  
.pk_usuario_transportista);
```

```
alter table "root".transporte add constraint (foreign key  
(tipo_camion)  
  
references "root".tipo_camion constraint "root".pk_tipo_camion);
```

```
alter table "root".maneja add constraint (foreign key
```

(cittransportista)

references "root".usuario constraint "root".pk_usuario_maneja);

alter table "root".maneja add constraint (foreign key
(matricula)

references "root".transporte constraint "root".pk_maneja_transporte);

alter table "root".transporta_lote add constraint (foreign key

(matricula) references "root".transporte constraint "root".pk_transportal_transporte);
alter table "root".transporta_lote add constraint (foreign key

(cittransportista) references "root".usuario constraint "root"
.pk_usuario_transportal);

alter table "root".vehiculo add constraint (foreign key
(id_tipo)

references "root".tipo_vehiculo constraint "root".pk_vehiculo_tipov);

alter table "root".op_insp_vehiculo add constraint (foreign
key

(cioperario) references "root".usuario constraint
"root".pk_inspeccion_usuario);

alter table "root".op_insp_vehiculo add constraint (foreign
key

(vin) references "root".vehiculo constraint
"root".pk_inspeccion_vehiculo);

alter table "root".zona add constraint (foreign key
(nro_subzona)

references "root".subzona constraint
"root".pk_zona_subzona);

```
alter table "root".pertenece add constraint (foreign key  
(vin)
```

```
references "root".vehiculo );
```

```
alter table "root".pertenece add constraint (foreign key  
(nro_zona)
```

```
references "root".zona constraint "root".pk_pertenece_zona);
```

```
alter table "root".pertenece add constraint (foreign key  
(nro_subzona)
```

```
references "root".subzona constraint  
"root".pk_pertenece_subzona);
```