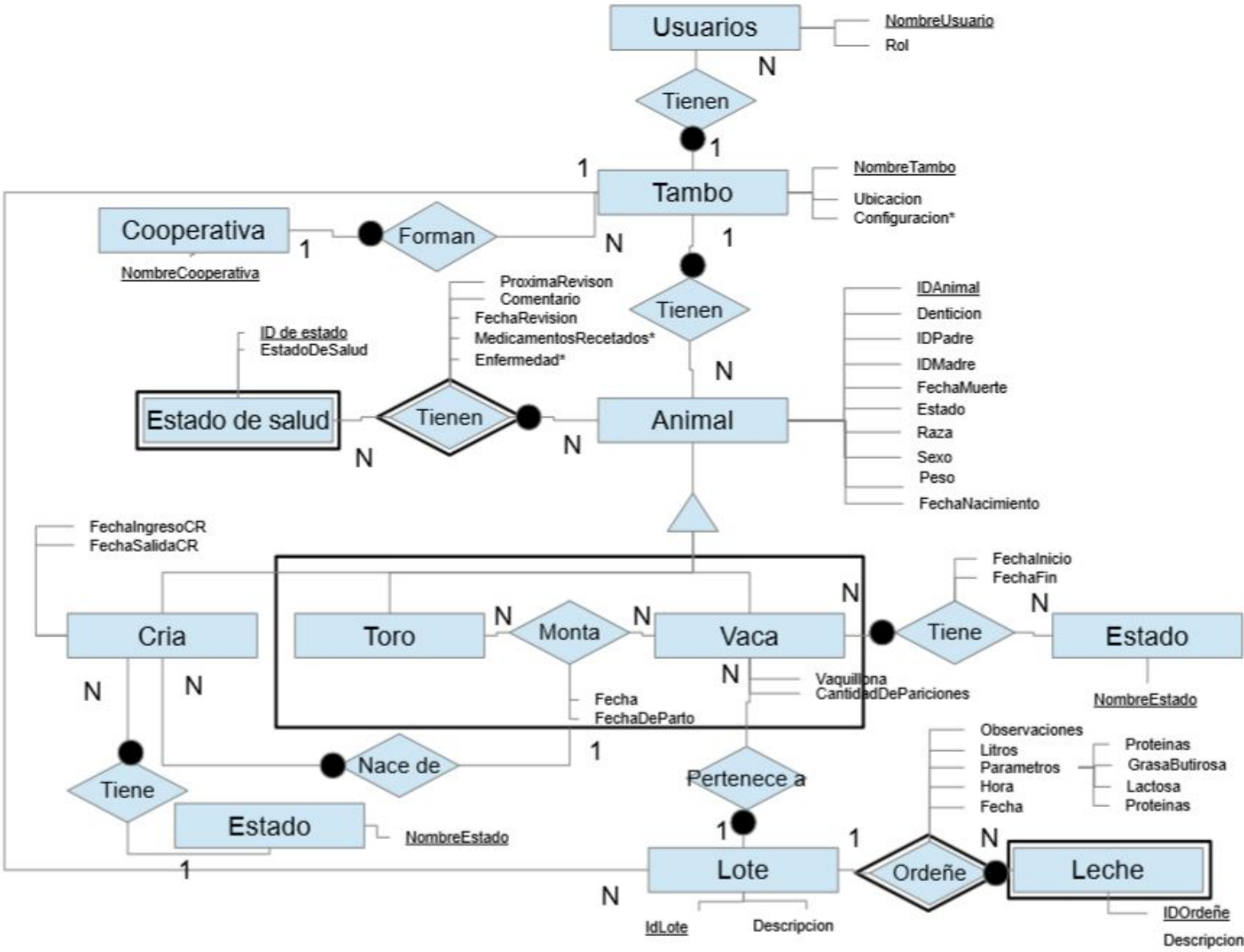
Índice

Índice	1
DER	2
Pasaje a tablas	3
RNE (Restricciones No Estructurales)	3
Diccionario de datos	4
Consultas solicitadas:	9
Estudio de permisos para los distintos usuarios del sistema	13

DER


Usuarios
NombreUsuario
Rol
N
Tienen
1
1
Tambo
NombreTambo
Ubicacion
Configuracion*
Cooperativa
1
Forman
N
1
NombreCooperativa
ProximaRevison
Comentario
FechaRevision
MedicamentosRecetados*
Enfermedad*
Tienen
IDAnimal
Denticion
IDPadre
IDMadre
FechaMuerte
Estado
Raza
Sexo
Peso
FechaNacimiento
N
ID de estado
EstadoDeSalud
Estado de salud
Tienen
Animal
N
N
FechaIngresoCR
FechaSalidaCR
Cria
Toro
N
Monta
N
Vaca
N
Tiene
FechaInicio
FechaFin
N
Estado
NombreEstado
N
N
N
Vaquillona
CantidadDePariciones
Fecha
FechaDeParto
1
Nace de
Tiene
Pertenece a
Observaciones
Litros
Parametros
Hora
Fecha
Proteinas
GrasaButirosa
Lactosa
Proteinas
Estado
NombreEstado
1
1
1
N
Lote
Ordeñe
Leche
N
IDOrdeñe
Descripcion
IdLote
Descripcion

Pasaje a tablas

-Cooperativa (NombreCooperativa)
-Tambo(NombreTambo; Ubicacion; NombreCooperativa)
-TamboConfig(NombreTambo; atr1; atr2; atr3; atr4; atr5; atr6)
-Usuarios(NombreUsuario; Rol; NombreTambo)
-Animal(IdAnimal; Denticion; IdPadre; IdMadre; FechaMuerte; Estado; Raza; Sexo; Peso; FechaNacimiento; NombreTambo)
-EstadoSalud(EstadoSalud)
-TieneSalud(IdAnimal; EstadoSalud; FechaRevision; ProximaRevision; Comentario)
-Enfermedad(IdAnimal; EstadoSalud; FechaRevision; NombreEnfermedad)
-Medicamento(IdAnimal; EstadoSalud; FechaRevision; NombreMedicamento)
-Vaca(IdAnimal; CantidadPariciones; IdLote; Vaquillona)
-VacaEstado(EstadoVaca)
-TieneEstadoV(IdAnimal; EstadoVaca; FechaInicio; FechaFin)
-Toro(IdAnimal)
-Monta(ToroId; VacaId; FechaInicio; FechaParto)
-Cria(IdAnimal; EstadoCria; FechaIngresoCR; FechaSalidaCR)
-EstadoCria(EstadoCria)
-Lote(IdLote; Descripcion; Tambo)
-Leche(IdLeche; Descripcion)
-Ordeñe(IdLote; IdLeche; Hora; Fecha; Observaciones; Litros; GrasaButirosa; Proteinas; Lactosa; CelulasSomaticas)

RNE (Restricciones No Estructurales)

-Si Animal.Estado es “Vivo”, no permitir el ingreso de fecha muerte
-Animal.FechaMuerte debe ser mayor o igual a Animal.FechaNacimiento
-Vaca.CantidadPariciones es “0” entonces Vaca.Vaquillona es “Vaquillona”
-Vaca.CantidadPariciones no puede tener valores negativos
-Cria.FechaIngresoCR debe ser mayor a Cria.FechaSalidaCR
-Cria.EstadoCria debe ser “En campo de recria” para que se pueda ingresar Cria.FechaIngresoCR y Cria.FechaSalidaCR
-TieneSalud.ProximaRevision debe ser mayor que TieneSalud.FechaRevision
-Si Animal.Sexo es “Macho” solo puede ser cria o toro
-Si Animal.Sexo es “Hembra” solo puede ser cria o vaca
-Si TieneSalud.EstadoSalud es “Sano”, no debe de haber registro en Enfermedad que coincidan con ese animal en esa fecha

Diccionario de datos

-Cooperativa:

NombreCooperativa:Refiere al nombre de la cooperativa. Atributo tipo char(20);no puede ser null; clave primaria.

-Tambo:

NombreTambo:Refiere al nombre del tambo. Atributo tipo char(20); no puede ser null;

clave primaria.

Ubicacion:Refiere a la ubicacion del tambo. Atributo tipo char(70); puede ser null.

NombreCooperativa:Es un atributo foráneo que proviene de Cooperativa; no puede ser null.

-TamboConfig:

NombreTambo: Es un atributo foráneo que proviene de Tambo; no puede ser null; clave primaria.

Atr1: Es un atributo que se encarga de guardar un valor de configuración dentro del programa.Atributo tipo integer, no puede ser null.

Atr2: Es un atributo que se encarga de guardar un valor de configuración dentro del programa.Atributo tipo integer, no puede ser null.

Atr3: Es un atributo que se encarga de guardar un valor de configuración dentro del programa.Atributo tipo integer, no puede ser null.

Atr4: Es un atributo que se encarga de guardar un valor de configuración dentro del programa.Atributo tipo integer, no puede ser null.

Atr5: Es un atributo que se encarga de guardar un valor de configuración dentro del programa.Atributo tipo integer, no puede ser null.

Atr6: Es un atributo que se encarga de guardar un valor de configuración dentro del programa.Atributo tipo integer, no puede ser null.

-Usuarios:

NombreUsuario: Debe de coincidir con el nombre de usuario que se utiliza para ingresar al sistema operativo de linux. Atributo tipo char(20), no puede ser null; es clave primaria.

Rol: Indica el rol del usuario en el sistema. Atributo tipo char(20), no puede ser null.

NombreTambo:Es un atributo foráneo que proviene de Tambo; no puede ser null.

-Animal:

IdAnimal:Refiere al código de la caravana del ganado.Atributo tipo char(20); no puede ser null; clave primaria.

NombreTambo:Es un atributo foráneo que proviene de Tambo; no puede ser null.

IdPadre: Refiere al código de la caravana del padre. Atributo tipo char(20); no puede ser null.

IdMadre: Refiere al código de la caravana de la madre. Atributo tipo char(20); no puede ser null.

Denticion:Es un codigo que se usa para datar la edad del animal en base a su dentadura. Atributo tipo char(20); puede ser null

Estado:Refiere a si el animal está vivo o muerto. Atributo tipo char(20); no puede ser null.

Peso: Es el peso en kilos del animal, en la base de datos se guarda el valor numérico únicamente. Atributo tipo smallfloat; puede ser null.

Raza: Es la raza del animal. Atributo tipo char(20); puede ser null.

Sexo: Refiere a si el animal es macho o hembra. Atributo tipo char(20); no puede ser null.

FechaNacimiento:Es la fecha de nacimiento del animal. Atributo tipo date; no puede ser null.

FechaMuerte: Es la fecha de muerte del animal. Atributo tipo date; puede ser null.

-EstadoSalud:

EstadoSalud: Se encarga de guardar solo dos valores “Sano” o “Enfermo”, no puede ser null; clave primaria.

-TieneSalud:

IdAnimal: Es un atributo foráneo que proviene de Animal; no puede ser null; forma parte de la clave primaria.

EstadoSalud: Es un atributo foráneo que proviene de EstadoSalud; no puede ser null; forma parte de la clave primaria.

FechaRevision: Refiere a la fecha en la que se realizó la revisión al animal.
Atributo tipo date; no puede ser null; forma parte de la clave primaria.

ProximaRevision:Refiere a la fecha cuando posiblemente se realice una próxima revisión. Atributo tipo date; puede ser null.

Comentario: Alguna observación que se quiera agregar o dato que sea útil para el usuario. Atributo tipo char(100), puede ser null.

-Enfermedad:

IdAnimal: Es un atributo foráneo que proviene de TieneSalud; no puede ser null; forma parte de la clave primaria.

EstadoSalud: Es un atributo foráneo que proviene de TieneSalud; no puede ser null; forma parte de la clave primaria.

FechaRevision: Es un atributo foráneo que proviene de TieneSalud; no puede

ser null; forma parte de la clave primaria.

NombreEnfermedad: Refiere al nombre de la enfermedad que se le detectó al animal en la revisión. Atributo tipo char(20), no puede ser null, forma parte de la clave primaria.

-Medicamento:

IdAnimal: Es un atributo foráneo que proviene de TieneSalud; no puede ser null; forma parte de la clave primaria.

EstadoSalud: Es un atributo foráneo que proviene de TieneSalud; no puede ser null; forma parte de la clave primaria.

FechaRevision: Es un atributo foráneo que proviene de TieneSalud; no puede

ser null; forma parte de la clave primaria.

NombreMedicamento: Refiere al nombre del medicamento recetado al animal luego de la revisión. Atributo tipo char(20), no puede ser null, forma parte de la clave primaria.

-Vaca:

IdAnimal: Es un atributo foráneo que proviene de Animal; no puede ser

null; es la clave primaria.

CantidadPariciones: Refiere a la cantidad que la vaca tuvo crias. Atributo tipo integer;
no puede ser null.

IdLote: Es un atributo foráneo que proviene de Lote; no puede ser null.

-VacaEstado:

EstadoVaca: Refiere si la vaca está en pre-parto, en servicio, etc. Atributo tipo
char(20); no puede ser null.

-TieneEstadoV:

IdAnimal: Es un atributo foráneo que proviene de Vaca; no puede ser null; forma parte de la clave primaria.

EstadoVaca: Es un atributo foráneo que proviene de VacaEstado. no puede ser null; forma parte de la clave primaria.

FechaInicio: Refiere a la fecha en la que la vaca entró en ese estado. Atributo tipo date; no puede ser null; forma parte de la clave primaria.

FechaFin: Refiere a la posible fecha en la que el animal cambie a otro estado.
Atributo tipo date; puede ser null.

-Toro:

IdAnimal: Es un atributo foráneo que proviene de Animal. no puede ser null; es la clave primaria.

-Monta:

ToroId: Es un atributo foráneo que proviene de Toro, no puede ser null; forma parte de la clave primaria.

VacaId: Es un atributo foráneo que proviene de Vaca, no puede ser null; forma parte de la clave primaria.

FechaInicio: Refiere a la fecha en la que se produzco el acto. Atributo tipo date, no puede ser null, forma parte de la clave.

FechaParto: Refiere a la fecha en la que se espera el parto. Atributo tipo date, puede ser null.

-Cria:

IdAnimal: Es un atributo foráneo que proviene de Animal. No puede ser null; forma parte de la clave primaria.

EstadoCria: Es un atributo foráneo que proviene de EstadoCria. No puede ser null.

FechaIngresoCR: Indica la fecha en la que el animal ingresa al campo de recria.Atributo tipo date, puede ser null

FechaSalidaCR:Indica la fecha en la que el animal sale del campo de recria. Atributo tipo date, puede ser null.

-EstadoCria:

EstadoCria: Refiere al estado de la cria como “Ternero en pie” o “En campo de recria”. Atributo tipo char(20); no puede ser null; es la clave primaria.

-Lote:

IdLote: Es el código por el cual se identifican los lote. Atributo tipo integer; no puede ser null; forma parte de la clave primaria.

Descripcion: Es una descripcion del lote. Atributo tipo char(20); no puede ser null; forma parte de la clave primaria.

Tambo: Indica a que tambo pertenece el lote, proviene de la table tambo. Atributo de tipo char(20), no puede ser null; forma parter de la clave primaria

-Leche:

IdLeche: Es un código por el cual se identifican los tipos de leche. Atributo tipo integer; no puede ser null; es la clave primaria.

Descripcion: Es el nombre de el tipo de leche. Atributo tipo char(20); no puede ser null

-Ordenie:

IdLote:Es un atributo foráneo que proviene de Lote. No puede ser null; forma parte de la clave primaria.

IdLeche:Es un atributo foráneo que proviene de Leche. No puede ser null; forma parte de la clave primaria.

Hora: Refiere a la hora en la que fue hecho el ordeñe. Atributo tipo datetime hour to minute; no puede ser null; forma parte de la clave primaria.

Fecha: Refiere a la fecha en la que fue hecho el ordeñe. Atributo tipo date; no puede ser null; forma parte de la clave primaria.

Observaciones: Refiere a algún dato que el usuario quiera guardar. Atributo tipo char(70); puede ser null.

Litros: Refiere a la cantidad de litros que se obtuvieron del ordeñe. Atributo tipo smallfloat; no puede ser null.

GrasaButirosa: Es un parámetro que conaprole mide de la leche. Atributo tipo smallfloat; puede ser null.

Proteinas: Es un parámetro que conaprole mide de la leche. Atributo tipo smallfloat, puede ser null.

Lactosa: Es un parámetro que conaprole mide de la leche. Atributo tipo smallfloat, puede ser null.

CelulasSomaticas: Es un parámetro que conaprole mide de la leche. Atributo tipo smallfloat, puede ser null.

Consultas solicitadas:

1-Listado de crías en campo de recría con más de 3 meses
```
select animal.fechanacimiento, cria.estadocria, animal.idanimal, cria.idanimal
from animal, cria
where animal.idanimal=cria.idanimal and estadocria="en campo de recria" and (((today-animal.fechanacimiento)/365)/12)>3
```

2-Cantidad de producción en el último mes
```
select fecha, litros, tambo
from ordenie
where (today-fecha)<=30
```

3-Listado de vacas por estado en el día de la fecha
```
select tieneestadov.idanimal, tieneestadov.estadovaca, max(tieneestadov.fechainicio), animal.idanimal, animal.estado
from animal, tieneestadov
where animal.idanimal=tieneestadov.idanimal and animal.estadp="vivo"
group by tieneestadov.idanimal, animal.idanimal, tieneestadov.estadovaca, animal.estado
order by tieneestadov.estadovaca
```

4-Número de lote que tuvo más producción hoy
```
select idlote, max(litros)
from ordenie
where fecha=today
```

group by idlote

5-Listar las vacas (id,nombre),prontas para entore
select animal.idanimal, animal.estado, tieneestadov.idanimal, tieneestadov.estodovaca
from animal, tieneestadov
where animal.idanimal=tieneestadov.idanimal and
tieneestadov.estadovaca="vacia" and animal.estado="vivo"

6-Promedio por día de producción lechera
select avg(litros), fecha from ordenie
group by fecha

7-Listar cantidad de animales por tipo de animal
select count(idanimal) as toros from toro;
select count(idanimal) as vacas form vaca;
select count(idanimal) as crias from cria

8-Listar todos los animales por tipo de animal
select idanimal as toros from toro;
select idanimal as vaca form vaca;

select idanimal as crias from cria

9-Listar Id,nombre,edad,raza y progenitores de todas las vacas de un tambo
select animal.idanimal, ((today-animal.fechanacimiento)/365) as edad, animal.raza,
animal.idpadre, animal.idmadre, vaca.idanimal
from animal, vaca
where animal.idanimal=vaca.idanimal

11- Cantidad de producción de leche para comercializar en un mes determinado
select sum(litros)
from ordenie
where idleche="comercializable"

12-Listado de crías que se encuentran hoy en el campo de recria
select * form cria where estadocria="en campo de recria"

14-Cantidad de producción y número de lote que tuvo más producción hoy
select sum(litros), idlote
from ordenie
where fecha=today
group by idlote
union
select max(litros), idlote
form ordenie
where fecha=today

group by idlote

16- Animales que han sido atendidos por algún problema o control y detalle de los controles en el último mes
select *
from tienesalud
where (((today-tienesalud.fecharevision)/365)/12)>1

17-Establecimiento con mayor producción en el mes de agosto
select limit 1 tambo, sum(litros) as litros
form ordenie
where month(fecha)=8
group by tambo
order by litros desc

18-Total de producción por cooperativa en el mes de agosto
select ordenie.tambo, sum(ordenie.litros), tambo.nombretambo, tambo.nombrecooperativa
from ordenie, tambo
where ordenie.tambo=tambo.nombretambo and month(ordenie.fehca)=8
group by tambo.nombrecooperativa, ordenie.tambo, tambo.nombretambo

22-historial de controles de cada animal
select *
from tienesalud
where idanimal="IdDeterminado"

24-Listado de vacas que se encuentran secas en el día de hoy
select idanimal, max(fechainicio)
from tieneestadov
where estadovaca="seca"

25-Resumen de controles por animal el último mes
select *
from tienesalud
where (today-fecharevision)<=30

26-Listar todas las vacas con mastitis en el día de hoy
select max(enfermedad.fecharevision), animal.idanimal, animal.estado,
enfermedad.idanimal, enfermedad.nombreenfermedad
from enfermedad, animal

where animal.idanimal=enfermedad.idanimal
and animal.estado="vivo" and
enfermedad.nombreenfermedad="matitis"
group by enfermedad.idanimal, enfermedad.nombreenfermedad, animal.idanimal,
animal.estado

28-Listado de vacas preñadas
select animal.idanimal, animal.estado, tieneestadov.idanimal, tieneestadov.estadovaca,
max(tieneestadov.fechainicio)
from animal, tieneestadov
where animal.idanimal=tieneestadov.idanimal and animal.estado="vivo" and
tieneestadov.estadovaca="preniada"
group by animal.idanimal, tieneestadov.idanimal, animal.estado, tieneestadov.estadovaca

29-Cantidad de crías macho en el último año
select sexo, idanimal, fechanacimiento
from animal
where sexo="m" and fechanacimiento>=(today-365)

30-Cantidad de crías hembra en el último año
select sexo, idanimal, fechanacimiento
from animal
where sexo="h" and fechanacimiento>=(today-365)

32-Listado de los 5 animales con más peso
select limit 5 idanimal, peso
from animal
order by peso desc

Estudio de permisos para los distintos usuarios del sistema

```
{ DATABASE tilfa  delimiter | }

grant dba to "fdelbono";
grant dba to "apaz";
grant dba to "lrodriguez";
grant dba to "tilfa_adminsistema";
grant connect to "tilfa_gerenteadminsistema";
grant connect to "tilfa_adminestablecimiento";
grant connect to "tilfa_gerenteauxiliar";

{ TABLE "fdelbono".cooperativa row size = 20 number of columns = 1 index size = 25
            }
{ unload file name = coope00100.unl number of rows = 3 }

create table "fdelbono".cooperativa
  (
    nombrecooperativa char(20) not null ,
    primary key (nombrecooperativa)  constraint "fdelbono".pk1
  );

revoke all on "fdelbono".cooperativa from "public" as "fdelbono";

{ TABLE "fdelbono".tambo row size = 60 number of columns = 3 index size = 50 }
{ unload file name = tambo00101.unl number of rows = 3 }

create table "fdelbono".tambo
  (
    nombretambo char(20) not null ,
    ubicacion char(20),
    nombrecooperativa char(20) not null ,
    primary key (nombretambo)  constraint "fdelbono".pk2
  );

revoke all on "fdelbono".tambo from "public" as "fdelbono";

{ TABLE "fdelbono".usuarios row size = 60 number of columns = 3 index size = 50 }
{ unload file name = usuar00102.unl number of rows = 3 }

create table "fdelbono".usuarios
  (
    nombreusuario char(20) not null ,
    rol char(20) not null ,
    nombretambo char(20) not null ,
```

```
        primary   key   (nombreusuario)                constraint "fdelbono".pk3
  );

revoke all on "fdelbono".usuarios from "public" as "fdelbono";

{ TABLE "fdelbono".animal row size = 172 number of columns = 11 index size = 50 }
{ unload file name = anima00103.unl number of rows = 0 }

create table "fdelbono".animal
  (
    idanimal char(20) not null ,
    denticion char(20),
    idpadre char(20) not null ,
    idmadre char(20) not null ,
    fechamuerte date,
    estado char(20) not null ,
    raza char(20),
    sexo char(20) not null ,
    peso smallfloat not null ,
    fechanacimiento date not null ,
    nombretambo char(20) not null ,
    primary key (idanimal)  constraint "fdelbono".pk4
  );

revoke all on "fdelbono".animal from "public" as "fdelbono";

{ TABLE "fdelbono".estadosalud row size = 20 number of columns = 1 index size = 25
            }
{ unload file name = estad00104.unl number of rows = 2 }

create table "fdelbono".estadosalud
  (
    estadosalud char(20) not null ,
    primary key (estadosalud)  constraint "fdelbono".pk5
  );

revoke all on "fdelbono".estadosalud from "public" as "fdelbono";

{ TABLE "fdelbono".tienesalud row size = 118 number of columns = 5 index size = 99
            }
{ unload file name = tiene00105.unl number of rows = 0 }

create table "fdelbono".tienesalud
  (
    idanimal char(20) not null ,
    estadosalud char(20) not null ,
```

```
    fecharevision date not null ,
    proximarevision date,
    comentario char(70),
    primary key (idanimal,estadosalud,fecharevision)  constraint "fdelbono".pk6
  );

revoke all on "fdelbono".tienesalud from "public" as "fdelbono";

{ TABLE "apaz".enfermedad row size = 64 number of columns = 4 index size = 118 }
{ unload file name = enfer00106.unl number of rows = 0 }

create table "apaz".enfermedad
  (
    idanimal char(20) not null ,
    estadosalud char(20) not null ,
    fecharevision date not null ,
    nombreenfermedad char(20) not null ,
    primary key (idanimal,estadosalud,fecharevision,nombreenfermedad)  constraint
            "apaz".pk7
  );

revoke all on "apaz".enfermedad from "public" as "apaz";

{ TABLE "apaz".medicamento row size = 64 number of columns = 4 index size = 118 }
{ unload file name = medic00107.unl number of rows = 0 }

create table "apaz".medicamento
  (
    idanimal char(20) not null ,
    estadosalud char(20) not null ,
    fecharevision date not null ,
    nombremedicamento char(20) not null ,
    primary key (idanimal,estadosalud,fecharevision,nombremedicamento)  constraint
            "apaz".ok8
  );

revoke all on "apaz".medicamento from "public" as "apaz";

{ TABLE "apaz".vaca row size = 64 number of columns = 4 index size = 70 }
{ unload file name = vaca_00108.unl number of rows = 0 }

create table "apaz".vaca
  (
    idanimal char(20) not null ,
    cantidadpariciones integer not null ,
    idlote char(20) not null ,
```

```
    tambo char(20),
    primary key (idanimal)  constraint "apaz".pk9
  );

revoke all on "apaz".vaca from "public" as "apaz";

{ TABLE "apaz".vacaestado row size = 20 number of columns = 1 index size = 25 }
{ unload file name = vacae00109.unl number of rows = 6 }

create table "apaz".vacaestado
  (
    estadovaca char(20) not null ,
    primary key (estadovaca)  constraint "apaz".pk10
  );

revoke all on "apaz".vacaestado from "public" as "apaz";

{ TABLE "apaz".tieneestadov row size = 48 number of columns = 4 index size = 99 }
{ unload file name = tiene00110.unl number of rows = 0 }

create table "apaz".tieneestadov
  (
    idanimal char(20) not null ,
    estadovaca char(20) not null ,
    fechainicio date not null ,
    fechafin date,
    primary key (idanimal,estadovaca,fechainicio)  constraint "apaz".pk11
  );

revoke all on "apaz".tieneestadov from "public" as "apaz";

{ TABLE "lrodriguez".toro row size = 20 number of columns = 1 index size = 25 }
{ unload file name = toro_00111.unl number of rows = 0 }

create table "lrodriguez".toro
  (
    idanimal char(20) not null ,
    primary key (idanimal)  constraint "lrodriguez".pk12
  );

revoke all on "lrodriguez".toro from "public" as "lrodriguez";

{ TABLE "lrodriguez".monta row size = 48 number of columns = 4 index size = 99 }
{ unload file name = monta00112.unl number of rows = 0 }

create table "lrodriguez".monta
```

```
  (
    toroid char(20) not null ,
    vacaid char(20) not null ,
    fechainicio date not null ,
    fechaparto date,
    primary key (toroid,vacaid,fechainicio)  constraint "lrodriguez".pk13
  );

revoke all on "lrodriguez".monta from "public" as "lrodriguez";

{ TABLE "lrodriguez".cria row size = 48 number of columns = 4 index size = 50 }
{ unload file name = cria_00113.unl number of rows = 0 }

create table "lrodriguez".cria
  (
    idanimal char(20) not null ,
    estadocria char(20) not null ,
    fechaingresocr date,
    fechasalidacr date,
    primary key (idanimal)  constraint "lrodriguez".pk14
  );

revoke all on "lrodriguez".cria from "public" as "lrodriguez";

{ TABLE "lrodriguez".lote row size = 60 number of columns = 3 index size = 45 }
{ unload file name = lote_00114.unl number of rows = 1 }

create table "lrodriguez".lote
  (
    idlote char(20) not null ,
    descripcion char(20) not null ,
    tambo char(20) not null ,
    primary key (idlote,tambo)  constraint "fdelbono".pk15
  );

revoke all on "lrodriguez".lote from "public" as "lrodriguez";

{ TABLE "lrodriguez".leche row size = 40 number of columns = 2 index size = 25 }
{ unload file name = leche00115.unl number of rows = 0 }

create table "lrodriguez".leche
  (
    idleche char(20) not null ,
    descripcion char(20) not null ,
    primary key (idleche)  constraint "lrodriguez".pk16
  );
```

```
revoke all on "lrodriguez".leche from "public" as "lrodriguez";

{ TABLE "lrodriguez".ordenie row size = 162 number of columns = 12 index size = 147
            }
{ unload file name = orden00116.unl number of rows = 0 }

create table "lrodriguez".ordenie
  (
    idlote char(20) not null ,
    tambo char(20) not null ,
    idleche char(20) not null ,
    hora integer not null ,
    minutos integer not null ,
    fecha date not null ,
    observaciones char(70),
    litros smallfloat,
    grasabutirosa smallfloat,
    proteinas smallfloat,
    lactosa smallfloat,
    celulassomaticas smallfloat,
    primary key (idlote,tambo,hora,minutos,idleche,fecha)  constraint "fdelbono".pk17
  );

revoke all on "lrodriguez".ordenie from "public" as "lrodriguez";

{ TABLE "fdelbono".tamboconfig row size = 44 number of columns = 7 index size = 25
            }
{ unload file name = tambo00117.unl number of rows = 3 }

create table "fdelbono".tamboconfig
  (
    atr1 integer not null ,
    atr2 integer not null ,
    atr3 integer not null ,
    atr4 integer not null ,
    atr5 integer not null ,
    atr6 integer not null ,
    nombretambo char(20) not null ,
    primary key (nombretambo)  constraint "fdelbono".pk20
  );

revoke all on "fdelbono".tamboconfig from "public" as "fdelbono";

{ TABLE "fdelbono".estadocria row size = 20 number of columns = 1 index size = 25
            }
```

```
{ unload  file  name  =  estad00118.unl                    number of rows = 2 }

create table "fdelbono".estadocria
  (
    estadocria char(20) not null ,
    primary key (estadocria)  constraint "fdelbono".pk27
  );

revoke all on "fdelbono".estadocria from "public" as "fdelbono";

grant select on "fdelbono".cooperativa to "lrodriguez" as "fdelbono";
grant update on "fdelbono".cooperativa to "lrodriguez" as "fdelbono";
grant insert on "fdelbono".cooperativa to "lrodriguez" as "fdelbono";
grant delete on "fdelbono".cooperativa to "lrodriguez" as "fdelbono";
grant index on "fdelbono".cooperativa to "lrodriguez" as "fdelbono";
grant alter on "fdelbono".cooperativa to "lrodriguez" as "fdelbono";
grant references on "fdelbono".cooperativa to "lrodriguez" as "fdelbono";
grant select on "fdelbono".cooperativa to "public" as "fdelbono";
grant update on "fdelbono".cooperativa to "public" as "fdelbono";
grant insert on "fdelbono".cooperativa to "public" as "fdelbono";
grant delete on "fdelbono".cooperativa to "public" as "fdelbono";
grant index on "fdelbono".cooperativa to "public" as "fdelbono";
grant select on "fdelbono".cooperativa to "tilfa_adminestablecimiento" as "fdelbono";
grant index on "fdelbono".cooperativa to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".cooperativa to "tilfa_adminestablecimiento" as "fdelbono";
grant select on "fdelbono".cooperativa to "tilfa_adminsistema" as "fdelbono";
grant update on "fdelbono".cooperativa to "tilfa_adminsistema" as "fdelbono";
grant insert on "fdelbono".cooperativa to "tilfa_adminsistema" as "fdelbono";
grant delete on "fdelbono".cooperativa to "tilfa_adminsistema" as "fdelbono";
grant index on "fdelbono".cooperativa to "tilfa_adminsistema" as "fdelbono";
grant alter on "fdelbono".cooperativa to "tilfa_adminsistema" as "fdelbono";
grant references on "fdelbono".cooperativa to "tilfa_adminsistema" as "fdelbono";
grant select on "fdelbono".cooperativa to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".cooperativa to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".cooperativa to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".cooperativa to "apaz" as "fdelbono";
grant update on "fdelbono".cooperativa to "apaz" as "fdelbono";
grant insert on "fdelbono".cooperativa to "apaz" as "fdelbono";
grant delete on "fdelbono".cooperativa to "apaz" as "fdelbono";
grant index on "fdelbono".cooperativa to "apaz" as "fdelbono";
grant alter on "fdelbono".cooperativa to "apaz" as "fdelbono";
grant references on "fdelbono".cooperativa to "apaz" as "fdelbono";
grant select on "fdelbono".cooperativa to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".cooperativa to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".cooperativa to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".cooperativa to "tilfa_gerenteadminsistema" as "fdelbono";
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grant references on "fdelbono".cooperativa to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "fdelbono".tambo to "lrodriguez" as "fdelbono";
grant update on "fdelbono".tambo to "lrodriguez" as "fdelbono";
grant insert on "fdelbono".tambo to "lrodriguez" as "fdelbono";
grant delete on "fdelbono".tambo to "lrodriguez" as "fdelbono";
grant index on "fdelbono".tambo to "lrodriguez" as "fdelbono";
grant alter on "fdelbono".tambo to "lrodriguez" as "fdelbono";
grant references on "fdelbono".tambo to "lrodriguez" as "fdelbono";
grant select on "fdelbono".tambo to "public" as "fdelbono";
grant update on "fdelbono".tambo to "public" as "fdelbono";
grant insert on "fdelbono".tambo to "public" as "fdelbono";
grant delete on "fdelbono".tambo to "public" as "fdelbono";
grant index on "fdelbono".tambo to "public" as "fdelbono";
grant select on "fdelbono".tambo to "apaz" as "fdelbono";
grant update on "fdelbono".tambo to "apaz" as "fdelbono";
grant insert on "fdelbono".tambo to "apaz" as "fdelbono";
grant delete on "fdelbono".tambo to "apaz" as "fdelbono";
grant index on "fdelbono".tambo to "apaz" as "fdelbono";
grant alter on "fdelbono".tambo to "apaz" as "fdelbono";
grant references on "fdelbono".tambo to "apaz" as "fdelbono";
grant select on "fdelbono".tambo to "tilfa_adminestablecimiento" as "fdelbono";
grant index on "fdelbono".tambo to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".tambo to "tilfa_adminestablecimiento" as "fdelbono";
grant select on "fdelbono".tambo to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".tambo to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".tambo to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".tambo to "tilfa_gerenteadminsistema" as "fdelbono";
grant references on "fdelbono".tambo to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "fdelbono".tambo to "tilfa_adminsistema" as "fdelbono";
grant update on "fdelbono".tambo to "tilfa_adminsistema" as "fdelbono";
grant insert on "fdelbono".tambo to "tilfa_adminsistema" as "fdelbono";
grant delete on "fdelbono".tambo to "tilfa_adminsistema" as "fdelbono";
grant index on "fdelbono".tambo to "tilfa_adminsistema" as "fdelbono";
grant alter on "fdelbono".tambo to "tilfa_adminsistema" as "fdelbono";
grant references on "fdelbono".tambo to "tilfa_adminsistema" as "fdelbono";
grant select on "fdelbono".tambo to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".tambo to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".tambo to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".usuarios to "lrodriguez" as "fdelbono";
grant update on "fdelbono".usuarios to "lrodriguez" as "fdelbono";
grant insert on "fdelbono".usuarios to "lrodriguez" as "fdelbono";
grant delete on "fdelbono".usuarios to "lrodriguez" as "fdelbono";
grant index on "fdelbono".usuarios to "lrodriguez" as "fdelbono";
grant alter on "fdelbono".usuarios to "lrodriguez" as "fdelbono";
grant references on "fdelbono".usuarios to "lrodriguez" as "fdelbono";
```

```
grant select on "fdelbono".usuarios to "public" as "fdelbono";
grant update on "fdelbono".usuarios to "public" as "fdelbono";
grant insert on "fdelbono".usuarios to "public" as "fdelbono";
grant delete on "fdelbono".usuarios to "public" as "fdelbono";
grant index on "fdelbono".usuarios to "public" as "fdelbono";
grant select on "fdelbono".usuarios to "apaz" as "fdelbono";
grant update on "fdelbono".usuarios to "apaz" as "fdelbono";
grant insert on "fdelbono".usuarios to "apaz" as "fdelbono";
grant delete on "fdelbono".usuarios to "apaz" as "fdelbono";
grant index on "fdelbono".usuarios to "apaz" as "fdelbono";
grant alter on "fdelbono".usuarios to "apaz" as "fdelbono";
grant references on "fdelbono".usuarios to "apaz" as "fdelbono";
grant select on "fdelbono".usuarios to "tilfa_adminestablecimiento" as "fdelbono";
grant insert on "fdelbono".usuarios to "tilfa_adminestablecimiento" as "fdelbono";
grant index on "fdelbono".usuarios to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".usuarios to "tilfa_adminestablecimiento" as "fdelbono";
grant select on "fdelbono".usuarios to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".usuarios to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".usuarios to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".usuarios to "tilfa_gerenteadminsistema" as "fdelbono";
grant references on "fdelbono".usuarios to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "fdelbono".usuarios to "tilfa_adminsistema" as "fdelbono";
grant update on "fdelbono".usuarios to "tilfa_adminsistema" as "fdelbono";
grant insert on "fdelbono".usuarios to "tilfa_adminsistema" as "fdelbono";
grant delete on "fdelbono".usuarios to "tilfa_adminsistema" as "fdelbono";
grant index on "fdelbono".usuarios to "tilfa_adminsistema" as "fdelbono";
grant alter on "fdelbono".usuarios to "tilfa_adminsistema" as "fdelbono";
grant references on "fdelbono".usuarios to "tilfa_adminsistema" as "fdelbono";
grant select on "fdelbono".usuarios to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".usuarios to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".usuarios to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".animal to "lrodriguez" as "fdelbono";
grant update on "fdelbono".animal to "lrodriguez" as "fdelbono";
grant insert on "fdelbono".animal to "lrodriguez" as "fdelbono";
grant delete on "fdelbono".animal to "lrodriguez" as "fdelbono";
grant index on "fdelbono".animal to "lrodriguez" as "fdelbono";
grant alter on "fdelbono".animal to "lrodriguez" as "fdelbono";
grant references on "fdelbono".animal to "lrodriguez" as "fdelbono";
grant select on "fdelbono".animal to "public" as "fdelbono";
grant update on "fdelbono".animal to "public" as "fdelbono";
grant insert on "fdelbono".animal to "public" as "fdelbono";
grant delete on "fdelbono".animal to "public" as "fdelbono";
grant index on "fdelbono".animal to "public" as "fdelbono";
grant select on "fdelbono".animal to "tilfa_adminestablecimiento" as "fdelbono";
grant update on "fdelbono".animal to "tilfa_adminestablecimiento" as "fdelbono";
grant insert on "fdelbono".animal to "tilfa_adminestablecimiento" as "fdelbono";
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grant index on "fdelbono".animal to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".animal to "tilfa_adminestablecimiento" as "fdelbono";
grant select on "fdelbono".animal to "tilfa_adminsistema" as "fdelbono";
grant update on "fdelbono".animal to "tilfa_adminsistema" as "fdelbono";
grant insert on "fdelbono".animal to "tilfa_adminsistema" as "fdelbono";
grant delete on "fdelbono".animal to "tilfa_adminsistema" as "fdelbono";
grant index on "fdelbono".animal to "tilfa_adminsistema" as "fdelbono";
grant alter on "fdelbono".animal to "tilfa_adminsistema" as "fdelbono";
grant references on "fdelbono".animal to "tilfa_adminsistema" as "fdelbono";
grant select on "fdelbono".animal to "tilfa_gerente_auxiliar" as "fdelbono";
grant update on "fdelbono".animal to "tilfa_gerente_auxiliar" as "fdelbono";
grant insert on "fdelbono".animal to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".animal to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".animal to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".animal to "apaz" as "fdelbono";
grant update on "fdelbono".animal to "apaz" as "fdelbono";
grant insert on "fdelbono".animal to "apaz" as "fdelbono";
grant delete on "fdelbono".animal to "apaz" as "fdelbono";
grant index on "fdelbono".animal to "apaz" as "fdelbono";
grant alter on "fdelbono".animal to "apaz" as "fdelbono";
grant references on "fdelbono".animal to "apaz" as "fdelbono";
grant select on "fdelbono".animal to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".animal to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".animal to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".animal to "tilfa_gerenteadminsistema" as "fdelbono";
grant references on "fdelbono".animal to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "fdelbono".estadosalud to "lrodriguez" as "fdelbono";
grant update on "fdelbono".estadosalud to "lrodriguez" as "fdelbono";
grant insert on "fdelbono".estadosalud to "lrodriguez" as "fdelbono";
grant delete on "fdelbono".estadosalud to "lrodriguez" as "fdelbono";
grant index on "fdelbono".estadosalud to "lrodriguez" as "fdelbono";
grant alter on "fdelbono".estadosalud to "lrodriguez" as "fdelbono";
grant references on "fdelbono".estadosalud to "lrodriguez" as "fdelbono";
grant select on "fdelbono".estadosalud to "public" as "fdelbono";
grant update on "fdelbono".estadosalud to "public" as "fdelbono";
grant insert on "fdelbono".estadosalud to "public" as "fdelbono";
grant delete on "fdelbono".estadosalud to "public" as "fdelbono";
grant index on "fdelbono".estadosalud to "public" as "fdelbono";
grant select on "fdelbono".estadosalud to "apaz" as "fdelbono";
grant update on "fdelbono".estadosalud to "apaz" as "fdelbono";
grant insert on "fdelbono".estadosalud to "apaz" as "fdelbono";
grant delete on "fdelbono".estadosalud to "apaz" as "fdelbono";
grant index on "fdelbono".estadosalud to "apaz" as "fdelbono";
grant alter on "fdelbono".estadosalud to "apaz" as "fdelbono";
grant references on "fdelbono".estadosalud to "apaz" as "fdelbono";

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grant select on "fdelbono".estadosalud to "tilfa_adminestablecimiento" as "fdelbono";
grant update on "fdelbono".estadosalud to "tilfa_adminestablecimiento" as "fdelbono";
grant insert on "fdelbono".estadosalud to "tilfa_adminestablecimiento" as "fdelbono";
grant index on "fdelbono".estadosalud to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".estadosalud to "tilfa_adminestablecimiento" as "fdelbono";
grant select on "fdelbono".estadosalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".estadosalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".estadosalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".estadosalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant references on "fdelbono".estadosalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "fdelbono".estadosalud to "tilfa_adminsistema" as "fdelbono";
grant update on "fdelbono".estadosalud to "tilfa_adminsistema" as "fdelbono";
grant insert on "fdelbono".estadosalud to "tilfa_adminsistema" as "fdelbono";
grant delete on "fdelbono".estadosalud to "tilfa_adminsistema" as "fdelbono";
grant index on "fdelbono".estadosalud to "tilfa_adminsistema" as "fdelbono";
grant alter on "fdelbono".estadosalud to "tilfa_adminsistema" as "fdelbono";
grant references on "fdelbono".estadosalud to "tilfa_adminsistema" as "fdelbono";
grant select on "fdelbono".estadosalud to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".estadosalud to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".estadosalud to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".tienesalud to "lrodriguez" as "fdelbono";
grant update on "fdelbono".tienesalud to "lrodriguez" as "fdelbono";
grant insert on "fdelbono".tienesalud to "lrodriguez" as "fdelbono";
grant delete on "fdelbono".tienesalud to "lrodriguez" as "fdelbono";
grant index on "fdelbono".tienesalud to "lrodriguez" as "fdelbono";
grant alter on "fdelbono".tienesalud to "lrodriguez" as "fdelbono";
grant references on "fdelbono".tienesalud to "lrodriguez" as "fdelbono";
grant select on "fdelbono".tienesalud to "public" as "fdelbono";
grant update on "fdelbono".tienesalud to "public" as "fdelbono";
grant insert on "fdelbono".tienesalud to "public" as "fdelbono";
grant delete on "fdelbono".tienesalud to "public" as "fdelbono";
grant index on "fdelbono".tienesalud to "public" as "fdelbono";
grant select on "fdelbono".tienesalud to "tilfa_adminestablecimiento" as "fdelbono";
grant update on "fdelbono".tienesalud to "tilfa_adminestablecimiento" as "fdelbono";
grant insert on "fdelbono".tienesalud to "tilfa_adminestablecimiento" as "fdelbono";
grant index on "fdelbono".tienesalud to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".tienesalud to "tilfa_adminestablecimiento" as "fdelbono";
grant select on "fdelbono".tienesalud to "tilfa_adminsistema" as "fdelbono";
grant update on "fdelbono".tienesalud to "tilfa_adminsistema" as "fdelbono";
grant insert on "fdelbono".tienesalud to "tilfa_adminsistema" as "fdelbono";
grant delete on "fdelbono".tienesalud to "tilfa_adminsistema" as "fdelbono";
grant index on "fdelbono".tienesalud to "tilfa_adminsistema" as "fdelbono";
grant alter on "fdelbono".tienesalud to "tilfa_adminsistema" as "fdelbono";
grant references on "fdelbono".tienesalud to "tilfa_adminsistema" as "fdelbono";
grant select on "fdelbono".tienesalud to "tilfa_gerente_auxiliar" as "fdelbono";
```

grant update on "fdelbono".tienesalud to "tilfa_gerente_auxiliar" as "fdelbono";
grant insert on "fdelbono".tienesalud to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".tienesalud to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".tienesalud to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".tienesalud to "apaz" as "fdelbono";
grant update on "fdelbono".tienesalud to "apaz" as "fdelbono";
grant insert on "fdelbono".tienesalud to "apaz" as "fdelbono";
grant delete on "fdelbono".tienesalud to "apaz" as "fdelbono";
grant index on "fdelbono".tienesalud to "apaz" as "fdelbono";
grant alter on "fdelbono".tienesalud to "apaz" as "fdelbono";
grant references on "fdelbono".tienesalud to "apaz" as "fdelbono";
grant select on "fdelbono".tienesalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".tienesalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".tienesalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".tienesalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant references on "fdelbono".tienesalud to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "apaz".enfermedad to "lrodriguez" as "apaz";
grant update on "apaz".enfermedad to "lrodriguez" as "apaz";
grant insert on "apaz".enfermedad to "lrodriguez" as "apaz";
grant delete on "apaz".enfermedad to "lrodriguez" as "apaz";
grant index on "apaz".enfermedad to "lrodriguez" as "apaz";
grant alter on "apaz".enfermedad to "lrodriguez" as "apaz";
grant references on "apaz".enfermedad to "lrodriguez" as "apaz";
grant select on "apaz".enfermedad to "fdelbono" as "apaz";
grant update on "apaz".enfermedad to "fdelbono" as "apaz";
grant insert on "apaz".enfermedad to "fdelbono" as "apaz";
grant delete on "apaz".enfermedad to "fdelbono" as "apaz";
grant index on "apaz".enfermedad to "fdelbono" as "apaz";
grant alter on "apaz".enfermedad to "fdelbono" as "apaz";

grant references on "apaz".enfermedad to "fdelbono" as "apaz";
grant select on "apaz".enfermedad to "public" as "apaz";
grant update on "apaz".enfermedad to "public" as "apaz";
grant insert on "apaz".enfermedad to "public" as "apaz";
grant delete on "apaz".enfermedad to "public" as "apaz";
grant index on "apaz".enfermedad to "public" as "apaz";
grant select on "apaz".medicamento to "fdelbono" as "apaz";
grant update on "apaz".medicamento to "fdelbono" as "apaz";
grant insert on "apaz".medicamento to "fdelbono" as "apaz";
grant delete on "apaz".medicamento to "fdelbono" as "apaz";
grant index on "apaz".medicamento to "fdelbono" as "apaz";
grant alter on "apaz".medicamento to "fdelbono" as "apaz";
grant references on "apaz".medicamento to "fdelbono" as "apaz";
grant select on "apaz".medicamento to "lrodriguez" as "apaz";
grant update on "apaz".medicamento to "lrodriguez" as "apaz";

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grant insert on "apaz".medicamento to "lrodriguez" as "apaz";
grant delete on "apaz".medicamento to "lrodriguez" as "apaz";
grant index on "apaz".medicamento to "lrodriguez" as "apaz";
grant alter on "apaz".medicamento to "lrodriguez" as "apaz";
grant references on "apaz".medicamento to "lrodriguez" as "apaz";
grant select on "apaz".medicamento to "public" as "apaz";
grant update on "apaz".medicamento to "public" as "apaz";
grant insert on "apaz".medicamento to "public" as "apaz";
grant delete on "apaz".medicamento to "public" as "apaz";
grant index on "apaz".medicamento to "public" as "apaz";
grant select on "apaz".vaca to "lrodriguez" as "apaz";
grant update on "apaz".vaca to "lrodriguez" as "apaz";
grant insert on "apaz".vaca to "lrodriguez" as "apaz";
grant delete on "apaz".vaca to "lrodriguez" as "apaz";
grant index on "apaz".vaca to "lrodriguez" as "apaz";
grant alter on "apaz".vaca to "lrodriguez" as "apaz";
grant references on "apaz".vaca to "lrodriguez" as "apaz";
grant select on "apaz".vaca to "fdelbono" as "apaz";
grant update on "apaz".vaca to "fdelbono" as "apaz";
grant insert on "apaz".vaca to "fdelbono" as "apaz";
grant delete on "apaz".vaca to "fdelbono" as "apaz";
grant index on "apaz".vaca to "fdelbono" as "apaz";
grant alter on "apaz".vaca to "fdelbono" as "apaz";
grant references on "apaz".vaca to "fdelbono" as "apaz";
grant select on "apaz".vaca to "public" as "apaz";
grant update on "apaz".vaca to "public" as "apaz";
grant insert on "apaz".vaca to "public" as "apaz";
grant delete on "apaz".vaca to "public" as "apaz";
grant index on "apaz".vaca to "public" as "apaz";
grant select on "apaz".vacaestado to "fdelbono" as "apaz";
grant update on "apaz".vacaestado to "fdelbono" as "apaz";

grant insert on "apaz".vacaestado to "fdelbono" as "apaz";
grant delete on "apaz".vacaestado to "fdelbono" as "apaz";
grant index on "apaz".vacaestado to "fdelbono" as "apaz";
grant alter on "apaz".vacaestado to "fdelbono" as "apaz";
grant references on "apaz".vacaestado to "fdelbono" as "apaz";
grant select on "apaz".vacaestado to "lrodriguez" as "apaz";
grant update on "apaz".vacaestado to "lrodriguez" as "apaz";
grant insert on "apaz".vacaestado to "lrodriguez" as "apaz";
grant delete on "apaz".vacaestado to "lrodriguez" as "apaz";
grant index on "apaz".vacaestado to "lrodriguez" as "apaz";
grant alter on "apaz".vacaestado to "lrodriguez" as "apaz";
grant references on "apaz".vacaestado to "lrodriguez" as "apaz";
grant select on "apaz".vacaestado to "public" as "apaz";
grant update on "apaz".vacaestado to "public" as "apaz";
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grant insert on "apaz".vacaestado to "public" as "apaz";
grant delete on "apaz".vacaestado to "public" as "apaz";
grant index on "apaz".vacaestado to "public" as "apaz";
grant select on "apaz".tieneestadov to "fdelbono" as "apaz";
grant update on "apaz".tieneestadov to "fdelbono" as "apaz";
grant insert on "apaz".tieneestadov to "fdelbono" as "apaz";
grant delete on "apaz".tieneestadov to "fdelbono" as "apaz";
grant index on "apaz".tieneestadov to "fdelbono" as "apaz";
grant alter on "apaz".tieneestadov to "fdelbono" as "apaz";
grant references on "apaz".tieneestadov to "fdelbono" as "apaz";
grant select on "apaz".tieneestadov to "lrodriguez" as "apaz";
grant update on "apaz".tieneestadov to "lrodriguez" as "apaz";
grant insert on "apaz".tieneestadov to "lrodriguez" as "apaz";
grant delete on "apaz".tieneestadov to "lrodriguez" as "apaz";
grant index on "apaz".tieneestadov to "lrodriguez" as "apaz";
grant alter on "apaz".tieneestadov to "lrodriguez" as "apaz";
grant references on "apaz".tieneestadov to "lrodriguez" as "apaz";
grant select on "apaz".tieneestadov to "public" as "apaz";
grant update on "apaz".tieneestadov to "public" as "apaz";
grant insert on "apaz".tieneestadov to "public" as "apaz";
grant delete on "apaz".tieneestadov to "public" as "apaz";
grant index on "apaz".tieneestadov to "public" as "apaz";
grant select on "lrodriguez".toro to "apaz" as "lrodriguez";
grant update on "lrodriguez".toro to "apaz" as "lrodriguez";
grant insert on "lrodriguez".toro to "apaz" as "lrodriguez";
grant delete on "lrodriguez".toro to "apaz" as "lrodriguez";
grant index on "lrodriguez".toro to "apaz" as "lrodriguez";
grant alter on "lrodriguez".toro to "apaz" as "lrodriguez";
grant references on "lrodriguez".toro to "apaz" as "lrodriguez";
grant select on "lrodriguez".toro to "fdelbono" as "lrodriguez";
grant update on "lrodriguez".toro to "fdelbono" as "lrodriguez";
grant insert on "lrodriguez".toro to "fdelbono" as "lrodriguez";

grant delete on "lrodriguez".toro to "fdelbono" as "lrodriguez";
grant index on "lrodriguez".toro to "fdelbono" as "lrodriguez";
grant alter on "lrodriguez".toro to "fdelbono" as "lrodriguez";
grant references on "lrodriguez".toro to "fdelbono" as "lrodriguez";
grant select on "lrodriguez".toro to "public" as "lrodriguez";
grant update on "lrodriguez".toro to "public" as "lrodriguez";
grant insert on "lrodriguez".toro to "public" as "lrodriguez";
grant delete on "lrodriguez".toro to "public" as "lrodriguez";
grant index on "lrodriguez".toro to "public" as "lrodriguez";
grant select on "lrodriguez".monta to "fdelbono" as "lrodriguez";
grant update on "lrodriguez".monta to "fdelbono" as "lrodriguez";
grant insert on "lrodriguez".monta to "fdelbono" as "lrodriguez";
grant delete on "lrodriguez".monta to "fdelbono" as "lrodriguez";
```

grant index on "lrodriguez".monta to "fdelbono" as "lrodriguez";
grant alter on "lrodriguez".monta to "fdelbono" as "lrodriguez";
grant references on "lrodriguez".monta to "fdelbono" as "lrodriguez";
grant select on "lrodriguez".monta to "apaz" as "lrodriguez";
grant update on "lrodriguez".monta to "apaz" as "lrodriguez";
grant insert on "lrodriguez".monta to "apaz" as "lrodriguez";
grant delete on "lrodriguez".monta to "apaz" as "lrodriguez";
grant index on "lrodriguez".monta to "apaz" as "lrodriguez";
grant alter on "lrodriguez".monta to "apaz" as "lrodriguez";
grant references on "lrodriguez".monta to "apaz" as "lrodriguez";
grant select on "lrodriguez".monta to "public" as "lrodriguez";
grant update on "lrodriguez".monta to "public" as "lrodriguez";
grant insert on "lrodriguez".monta to "public" as "lrodriguez";
grant delete on "lrodriguez".monta to "public" as "lrodriguez";
grant index on "lrodriguez".monta to "public" as "lrodriguez";
grant select on "lrodriguez".cria to "fdelbono" as "lrodriguez";
grant update on "lrodriguez".cria to "fdelbono" as "lrodriguez";
grant insert on "lrodriguez".cria to "fdelbono" as "lrodriguez";
grant delete on "lrodriguez".cria to "fdelbono" as "lrodriguez";
grant index on "lrodriguez".cria to "fdelbono" as "lrodriguez";
grant alter on "lrodriguez".cria to "fdelbono" as "lrodriguez";
grant references on "lrodriguez".cria to "fdelbono" as "lrodriguez";
grant select on "lrodriguez".cria to "apaz" as "lrodriguez";
grant update on "lrodriguez".cria to "apaz" as "lrodriguez";
grant insert on "lrodriguez".cria to "apaz" as "lrodriguez";
grant delete on "lrodriguez".cria to "apaz" as "lrodriguez";
grant index on "lrodriguez".cria to "apaz" as "lrodriguez";
grant alter on "lrodriguez".cria to "apaz" as "lrodriguez";
grant references on "lrodriguez".cria to "apaz" as "lrodriguez";
grant select on "lrodriguez".cria to "public" as "lrodriguez";
grant update on "lrodriguez".cria to "public" as "lrodriguez";
grant insert on "lrodriguez".cria to "public" as "lrodriguez";
grant delete on "lrodriguez".cria to "public" as "lrodriguez";

grant index on "lrodriguez".cria to "public" as "lrodriguez";
grant select on "lrodriguez".lote to "apaz" as "lrodriguez";
grant update on "lrodriguez".lote to "apaz" as "lrodriguez";
grant insert on "lrodriguez".lote to "apaz" as "lrodriguez";
grant delete on "lrodriguez".lote to "apaz" as "lrodriguez";
grant index on "lrodriguez".lote to "apaz" as "lrodriguez";
grant alter on "lrodriguez".lote to "apaz" as "lrodriguez";
grant references on "lrodriguez".lote to "apaz" as "lrodriguez";
grant select on "lrodriguez".lote to "fdelbono" as "lrodriguez";
grant update on "lrodriguez".lote to "fdelbono" as "lrodriguez";
grant insert on "lrodriguez".lote to "fdelbono" as "lrodriguez";
grant delete on "lrodriguez".lote to "fdelbono" as "lrodriguez";

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grant index on "lrodriguez".lote to "fdelbono" as "lrodriguez";
grant alter on "lrodriguez".lote to "fdelbono" as "lrodriguez";
grant references on "lrodriguez".lote to "fdelbono" as "lrodriguez";
grant select on "lrodriguez".lote to "public" as "lrodriguez";
grant update on "lrodriguez".lote to "public" as "lrodriguez";
grant insert on "lrodriguez".lote to "public" as "lrodriguez";
grant delete on "lrodriguez".lote to "public" as "lrodriguez";
grant index on "lrodriguez".lote to "public" as "lrodriguez";
grant select on "lrodriguez".leche to "fdelbono" as "lrodriguez";
grant update on "lrodriguez".leche to "fdelbono" as "lrodriguez";
grant insert on "lrodriguez".leche to "fdelbono" as "lrodriguez";
grant delete on "lrodriguez".leche to "fdelbono" as "lrodriguez";
grant index on "lrodriguez".leche to "fdelbono" as "lrodriguez";
grant alter on "lrodriguez".leche to "fdelbono" as "lrodriguez";
grant references on "lrodriguez".leche to "fdelbono" as "lrodriguez";
grant select on "lrodriguez".leche to "public" as "lrodriguez";
grant update on "lrodriguez".leche to "public" as "lrodriguez";
grant insert on "lrodriguez".leche to "public" as "lrodriguez";
grant delete on "lrodriguez".leche to "public" as "lrodriguez";
grant index on "lrodriguez".leche to "public" as "lrodriguez";
grant select on "lrodriguez".leche to "apaz" as "lrodriguez";
grant update on "lrodriguez".leche to "apaz" as "lrodriguez";
grant insert on "lrodriguez".leche to "apaz" as "lrodriguez";
grant delete on "lrodriguez".leche to "apaz" as "lrodriguez";
grant index on "lrodriguez".leche to "apaz" as "lrodriguez";
grant alter on "lrodriguez".leche to "apaz" as "lrodriguez";
grant references on "lrodriguez".leche to "apaz" as "lrodriguez";
grant select on "lrodriguez".ordenie to "fdelbono" as "lrodriguez";
grant update on "lrodriguez".ordenie to "fdelbono" as "lrodriguez";
grant insert on "lrodriguez".ordenie to "fdelbono" as "lrodriguez";
grant delete on "lrodriguez".ordenie to "fdelbono" as "lrodriguez";
grant index on "lrodriguez".ordenie to "fdelbono" as "lrodriguez";
grant alter on "lrodriguez".ordenie to "fdelbono" as "lrodriguez";
grant references on "lrodriguez".ordenie to "fdelbono" as "lrodriguez";

grant select on "lrodriguez".ordenie to "apaz" as "lrodriguez";
grant update on "lrodriguez".ordenie to "apaz" as "lrodriguez";
grant insert on "lrodriguez".ordenie to "apaz" as "lrodriguez";
grant delete on "lrodriguez".ordenie to "apaz" as "lrodriguez";
grant index on "lrodriguez".ordenie to "apaz" as "lrodriguez";
grant alter on "lrodriguez".ordenie to "apaz" as "lrodriguez";
grant references on "lrodriguez".ordenie to "apaz" as "lrodriguez";
grant select on "lrodriguez".ordenie to "public" as "lrodriguez";
grant update on "lrodriguez".ordenie to "public" as "lrodriguez";
grant insert on "lrodriguez".ordenie to "public" as "lrodriguez";
grant delete on "lrodriguez".ordenie to "public" as "lrodriguez";
```

```
grant index on "lrodriguez".ordenie to "public" as "lrodriguez";
grant select on "fdelbono".tamboconfig to "tilfa_adminsistema" as "fdelbono";
grant update on "fdelbono".tamboconfig to "tilfa_adminsistema" as "fdelbono";
grant insert on "fdelbono".tamboconfig to "tilfa_adminsistema" as "fdelbono";
grant delete on "fdelbono".tamboconfig to "tilfa_adminsistema" as "fdelbono";
grant index on "fdelbono".tamboconfig to "tilfa_adminsistema" as "fdelbono";
grant alter on "fdelbono".tamboconfig to "tilfa_adminsistema" as "fdelbono";
grant references on "fdelbono".tamboconfig to "tilfa_adminsistema" as "fdelbono";
grant select on "fdelbono".tamboconfig to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".tamboconfig to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".tamboconfig to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".tamboconfig to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".tamboconfig to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".tamboconfig to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".tamboconfig to "tilfa_gerenteadminsistema" as "fdelbono";
grant references on "fdelbono".tamboconfig to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "fdelbono".tamboconfig to "tilfa_adminestablecimiento" as "fdelbono";
grant update on "fdelbono".tamboconfig to "tilfa_adminestablecimiento" as "fdelbono";
grant insert on "fdelbono".tamboconfig to "tilfa_adminestablecimiento" as "fdelbono";
grant index on "fdelbono".tamboconfig to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".tamboconfig to "tilfa_adminestablecimiento" as "fdelbono";
grant select on "fdelbono".tamboconfig to "public" as "fdelbono";
grant update on "fdelbono".tamboconfig to "public" as "fdelbono";
grant insert on "fdelbono".tamboconfig to "public" as "fdelbono";
grant delete on "fdelbono".tamboconfig to "public" as "fdelbono";
grant index on "fdelbono".tamboconfig to "public" as "fdelbono";
grant select on "fdelbono".estadocria to "tilfa_gerenteadminsistema" as "fdelbono";
grant update on "fdelbono".estadocria to "tilfa_gerenteadminsistema" as "fdelbono";
grant insert on "fdelbono".estadocria to "tilfa_gerenteadminsistema" as "fdelbono";
grant index on "fdelbono".estadocria to "tilfa_gerenteadminsistema" as "fdelbono";
grant references on "fdelbono".estadocria to "tilfa_gerenteadminsistema" as "fdelbono";
grant select on "fdelbono".estadocria to "tilfa_gerente_auxiliar" as "fdelbono";
grant index on "fdelbono".estadocria to "tilfa_gerente_auxiliar" as "fdelbono";
grant references on "fdelbono".estadocria to "tilfa_gerente_auxiliar" as "fdelbono";
grant select on "fdelbono".estadocria to "public" as "fdelbono";
grant update on "fdelbono".estadocria to "public" as "fdelbono";
grant insert on "fdelbono".estadocria to "public" as "fdelbono";
grant delete on "fdelbono".estadocria to "public" as "fdelbono";
grant index on "fdelbono".estadocria to "public" as "fdelbono";
grant select on "fdelbono".estadocria to "tilfa_adminestablecimiento" as "fdelbono";
grant update on "fdelbono".estadocria to "tilfa_adminestablecimiento" as "fdelbono";
grant insert on "fdelbono".estadocria to "tilfa_adminestablecimiento" as "fdelbono";
grant index on "fdelbono".estadocria to "tilfa_adminestablecimiento" as "fdelbono";
grant references on "fdelbono".estadocria to "tilfa_adminestablecimiento" as "fdelbono";

revoke usage on language SPL from public ;
```

```
grant usage on language SPL to public ;

alter table "fdelbono".tambo add constraint (foreign key (nombrecooperativa)
    references "fdelbono".cooperativa  on delete cascade constraint
    "fdelbono".fk2);
alter table "fdelbono".usuarios add constraint (foreign key (nombretambo)
    references "fdelbono".tambo  on delete cascade constraint
    "fdelbono".fk3);
alter table "fdelbono".animal add constraint (foreign key (nombretambo)
    references "fdelbono".tambo  on delete cascade constraint
    "fdelbono".fk4);
alter table "fdelbono".tienesalud add constraint (foreign key
    (idanimal) references "fdelbono".animal  on delete cascade
    constraint "fdelbono".fk6_1);
alter table "fdelbono".tienesalud add constraint (foreign key
    (estadosalud) references "fdelbono".estadosalud  on delete
    cascade constraint "fdelbono".fk6_2);
alter table "apaz".enfermedad add constraint (foreign key (idanimal,
    estadosalud,fecharevision) references "fdelbono".tienesalud
     on delete cascade constraint "apaz".fk7);
alter table "apaz".medicamento add constraint (foreign key (idanimal,
    estadosalud,fecharevision) references "fdelbono".tienesalud
     on delete cascade constraint "apaz".fk8);
alter table "apaz".vaca add constraint (foreign key (idanimal)
    references "fdelbono".animal  on delete cascade constraint
    "apaz".fk9);
alter table "apaz".tieneestadov add constraint (foreign key (idanimal)
    references "apaz".vaca  on delete cascade constraint "apaz"
    .fk11_1);
alter table "apaz".tieneestadov add constraint (foreign key (estadovaca)
    references "apaz".vacaestado  on delete cascade constraint
    "apaz".fk11_2);
alter table "lrodriguez".toro add constraint (foreign key (idanimal)
    references "fdelbono".animal  on delete cascade constraint
    "lrodriguez".fk12);
alter table "lrodriguez".monta add constraint (foreign key (toroid)
    references "lrodriguez".toro  on delete cascade constraint
    "lrodriguez".fk13_1);
alter table "lrodriguez".monta add constraint (foreign key (vacaid)
    references "apaz".vaca  on delete cascade constraint "lrodriguez"
    .fk13_2);
alter table "lrodriguez".cria add constraint (foreign key (idanimal)
    references "fdelbono".animal  on delete cascade constraint
    "lrodriguez".fk14);
alter table "lrodriguez".ordenie add constraint (foreign key
```

```
                    (idleche)      references                    "lrodriguez".leche  on delete cascade
   constraint "fdelbono".fk17_2);
alter table "lrodriguez".ordenie add constraint (foreign key
   (idlote,tambo) references "lrodriguez".lote  on delete cascade
   constraint "fdelbono".fk17_3);
alter table "fdelbono".tamboconfig add constraint (foreign key
   (nombretambo) references "fdelbono".tambo  on delete cascade
   constraint "fdelbono".fk25);
alter table "lrodriguez".cria add constraint (foreign key (estadocria)
   references "fdelbono".estadocria  on delete cascade constraint
   "fdelbono".fk26);
alter table "apaz".vaca add constraint (foreign key (idlote,tambo)
   references "lrodriguez".lote  on delete cascade constraint
   "fdelbono".fk9_2);

update statistics high for table tambo (
    nombrecooperativa)
    resolution   1.00000 ;
update statistics high for table usuarios (
    nombretambo)
    resolution   1.00000 ;
```