一：

1：纯粹出于本人对邻国动漫的爱好，我选择日本动漫资源的制作、放送以及动漫音像资源的生产、收集。

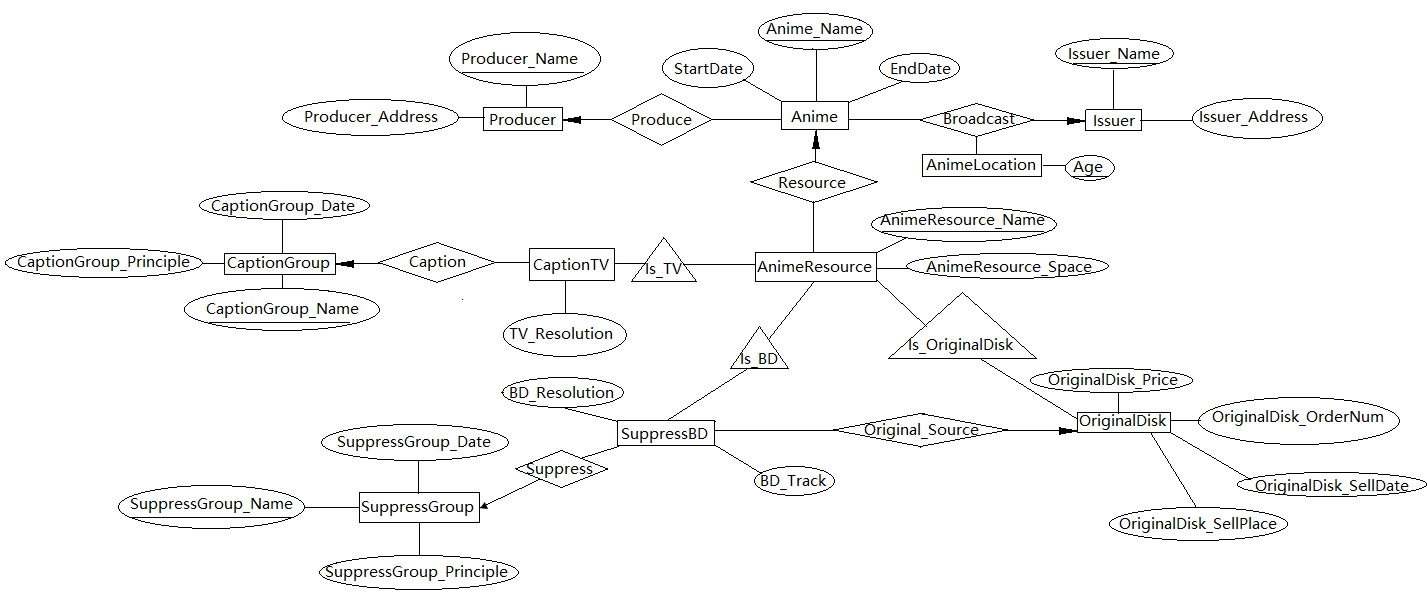
当前，日本之动漫产业虽在质量上一落千丈，然其盈利一如既往。因此，本人以动漫(Anime)实体为起点，先根据其制作(Produce)与放送(Broadcast)构建两个关系，分别至其制作商(Producer)与发行商(Issuer)及其动漫定位(AnimeLocation)，制作商与发行商之属性分别包含其企业名(X\_Name)与地址(X\_Address)，而动漫定位则以最简单的年龄分级(Age)划分。

至于本人所热衷的动漫资源(AnimeResource)，则以资源(Resource)关系构建，动漫资源下设三子类，分别为字幕组的TV制品(CaptionTV)、压制组的BD制品(SuppressBD)以及原盘(OriginalDisk)。其中，由于字幕组之TV制品来源于网络，因此其视频源不宜划分，只设两属性，分别为TV制品之名称(TV\_Name)与TV制品之分辨率(TV\_Resolution)，而TV制品又与字幕组(CaptionGroup)因字幕之制作(Caption)产生关系。字幕组之属性亦为三项，分别为字幕组之名称(CaptionGroup\_Name)、字幕组之负责人(CaptionGroup\_Principle)以及字幕组之成立日期(CaptionGroup\_Date)。

与字幕组的TV制品相比，压制组的BD作品多了一个属性与一个关系。分别为BD压制作品的音轨(BD\_Track)与提供BD视频源的原盘(Original\_Source)。鉴于当前字幕组在制作TV制品时多数直接采用MP3双声道，而压制组在制作BD制品时会根据技术条件而选择Flac格式音频以及更多种类的声道组合，笔者认为有必要将BD制品的音轨单独提出。至于帧率，当前业界标准为24帧，且上下浮动不超过0.1帧，笔者认为将其纳入属性意义不大。

对于动漫之原盘，笔者为其设立四种属性，分别为原盘之序列号(OriginalDisk\_OrderNum)、原盘之价格(OriginalDisk\_Price)、原盘之销售地(OriginalDisk\_SellPlace)以及原盘之销售日(OriginalDisk\_SellDate)。

2：a):E/R图如下：



b):关系模式如下：

Anime Table(Anime\_Name,StartDate,EndDate)Primary key:Anime\_Name;

Producer Table(Producer\_Name,Producer\_Address)Primary key:Producer\_Name;

Issuer Table(Issuer\_Name,Issuer\_Address)Primary key:Issuer\_Name;

Issue Table(Anime\_Name ,Issuer\_Name,Age)Primary key:Anime\_Name;

AnimeResource Table(AnimeResource\_Name,AnimeResource\_Space)Primary key:AnimeResource\_Name;

OriginalDisk Table(AnimeResource\_Name,AnimeResource\_Space ,OriginalDisk\_OrderNum,OriginalDisk\_Price,OriginalDisk\_SellDate,OriginalDisk\_SellPlace)Primary key: AnimeResource\_Name;

SuppressBD Table(AnimeResource\_Name,AnimeResource\_Space,BD\_Track,BD\_Resolution)Primary key: AnimeResource\_Name;

SuppressGroup Table(SuppressGroup\_Name,SuppressGroup\_Date,SuppressGroup\_Principle)Primary key:SuppressGroup\_Name;

OriginalSource Table(AnimeResource\_Name,OriginalDisk\_OrderNum)Primary key: AnimeResource\_Name;

CaptionTV Table(AnimeResource\_Name,AnimeResource\_Space,TV\_Resolution)Primary key: AnimeResource\_Name;

CaptionGroup Table(CaptionGroup\_Name,CaptionGroup\_Principle,CaptionGroup\_Date)Primary key:CaptionGroup\_Name;

c):

Create DATABASE AnimeStorage;

Create Table Anime(Anime\_Name varchar(256) primary key,StartDate date,EndDate date);

Create Table Issuer(Issuer\_Name varchar(256)primary key references Anime(Anime\_Name),Issuer\_Address varchar(256));

Create Table AnimeLocation(Age int primary key,AnimeName varchar(256)references Anime(Anime\_Name));

Create Table Produce(Producer\_Name varchar(256)primary key references Anime(Anime\_Name),Producer\_Address varchar(256));

Create Table AnimeResource(Anime\_Name varchar(256) primary key references Anime(Anime\_Name),Anime\_Space int);

Create Table CaptionTV(AnimeResource\_Name varchar(256), Anime\_Space int ,TV\_Resolution int,TV\_Caption varchar(256));

Create Table CaptionGroup(CaptionGroup\_Name varchar(256),CaptionGroup\_Principle varchar(256),CaptionGroup\_Dat date)

Create Table OriginalDisk(AnimeResource\_Name varchar(256) primary key, Anime\_Space int ,Original\_OrderNum int ,Original\_SellDate date,Original\_SellPlace varchar(256),Original\_SellPrice int);

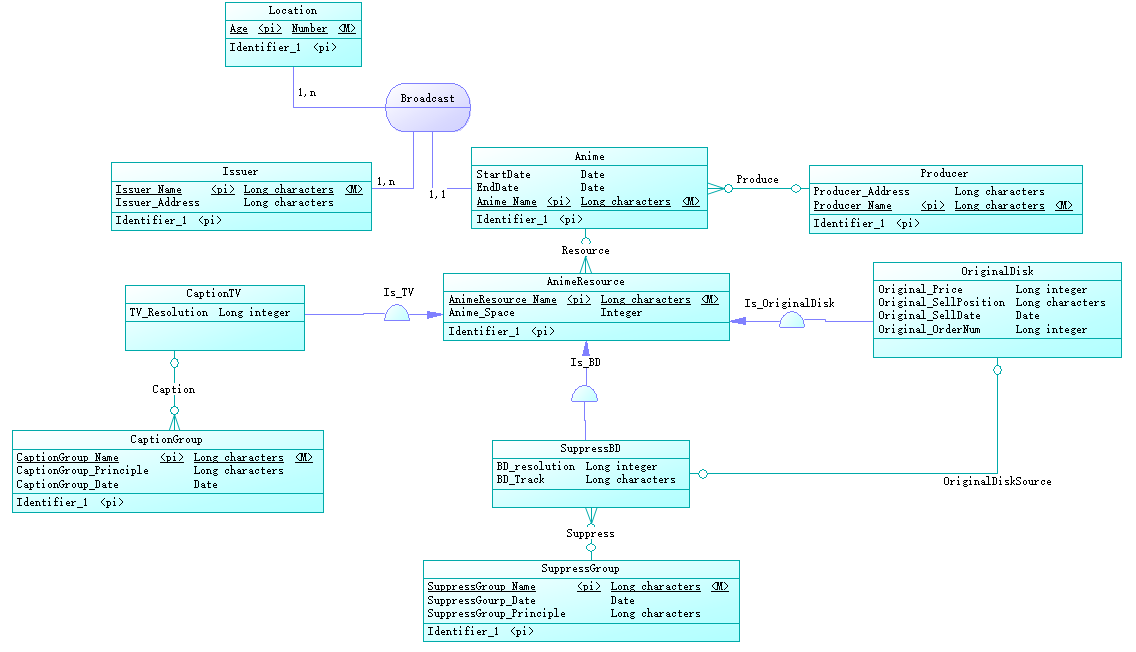
Create Table SuppressBD(AnimeResource\_Name varchar(256) primary key, Anime\_Space int ,BD\_resolution int,BD\_track varchar(256),BD\_SuppressGroup varchar(256));

Create Table SuppressGroup(SuppressGroup\_Name varchar(256) primary key,SuppressGroup\_Principle varchar(256),SuppressGroup\_Date date);

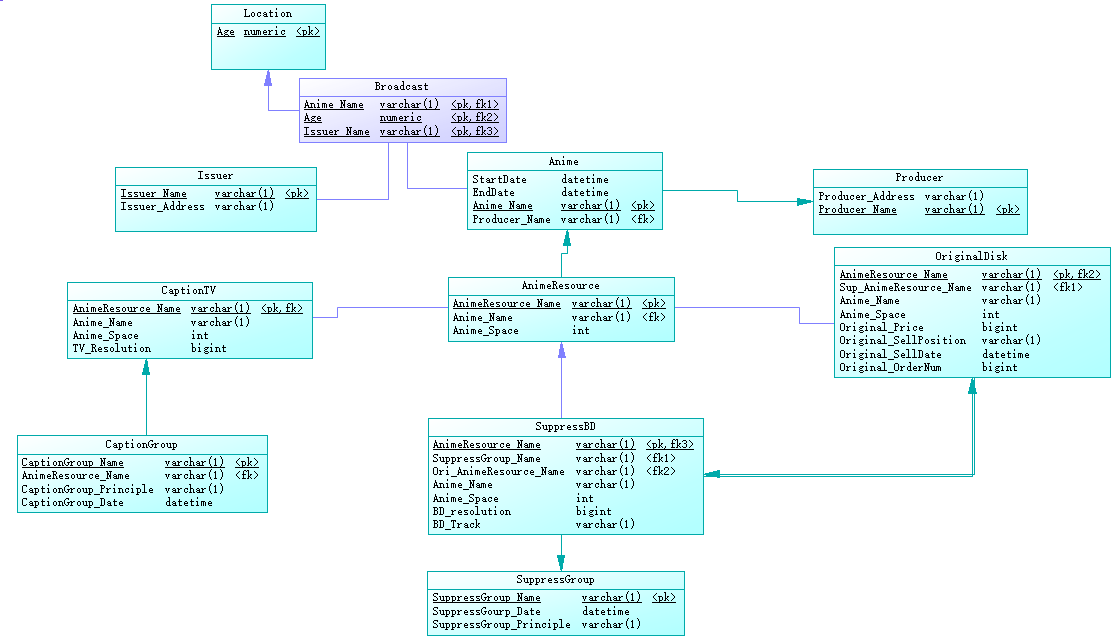
Alter Table CaptionGroup Add Foreign key(CaptionGroup\_Name)references CaptionTV(TV\_Caption);

Alter Table SuppressGroup Add Foreign key(SuppressGroup\_Name)references SuppressBD(BD\_Suppress);

3:a):



b):



c):

/\*==============================================================\*/

/\* DBMS name: Microsoft SQL Server 2012 \*/

/\* Created on: 2019/3/28 17:37:06 \*/

/\*==============================================================\*/

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('Anime') and o.name = 'FK\_ANIME\_PRODUCE\_PRODUCER')

alter table Anime

drop constraint FK\_ANIME\_PRODUCE\_PRODUCER

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('AnimeResource') and o.name = 'FK\_ANIMERES\_RESOURCE\_ANIME')

alter table AnimeResource

drop constraint FK\_ANIMERES\_RESOURCE\_ANIME

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('Broadcast') and o.name = 'FK\_BROADCAS\_BROADCAST\_ANIME')

alter table Broadcast

drop constraint FK\_BROADCAS\_BROADCAST\_ANIME

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('Broadcast') and o.name = 'FK\_BROADCAS\_BROADCAST\_LOCATION')

alter table Broadcast

drop constraint FK\_BROADCAS\_BROADCAST\_LOCATION

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('Broadcast') and o.name = 'FK\_BROADCAS\_BROADCAST\_ISSUER')

alter table Broadcast

drop constraint FK\_BROADCAS\_BROADCAST\_ISSUER

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('CaptionGroup') and o.name = 'FK\_CAPTIONG\_CAPTION\_CAPTIONT')

alter table CaptionGroup

drop constraint FK\_CAPTIONG\_CAPTION\_CAPTIONT

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('CaptionTV') and o.name = 'FK\_CAPTIONT\_IS\_TV\_ANIMERES')

alter table CaptionTV

drop constraint FK\_CAPTIONT\_IS\_TV\_ANIMERES

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('OriginalDisk') and o.name = 'FK\_ORIGINAL\_IS\_ORIGIN\_ANIMERES')

alter table OriginalDisk

drop constraint FK\_ORIGINAL\_IS\_ORIGIN\_ANIMERES

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('OriginalDisk') and o.name = 'FK\_ORIGINAL\_ORIGINALD\_SUPPRESS')

alter table OriginalDisk

drop constraint FK\_ORIGINAL\_ORIGINALD\_SUPPRESS

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('SuppressBD') and o.name = 'FK\_SUPPRESS\_IS\_BD\_ANIMERES')

alter table SuppressBD

drop constraint FK\_SUPPRESS\_IS\_BD\_ANIMERES

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('SuppressBD') and o.name = 'FK\_SUPPRESS\_ORIGINALD\_ORIGINAL')

alter table SuppressBD

drop constraint FK\_SUPPRESS\_ORIGINALD\_ORIGINAL

go

if exists (select 1

from sys.sysreferences r join sys.sysobjects o on (o.id = r.constid and o.type = 'F')

where r.fkeyid = object\_id('SuppressBD') and o.name = 'FK\_SUPPRESS\_SUPPRESS\_SUPPRESS')

alter table SuppressBD

drop constraint FK\_SUPPRESS\_SUPPRESS\_SUPPRESS

go

if exists (select 1

from sysindexes

where id = object\_id('Anime')

and name = 'Produce\_FK'

and indid > 0

and indid < 255)

drop index Anime.Produce\_FK

go

if exists (select 1

from sysobjects

where id = object\_id('Anime')

and type = 'U')

drop table Anime

go

if exists (select 1

from sysindexes

where id = object\_id('AnimeResource')

and name = 'Resource\_FK'

and indid > 0

and indid < 255)

drop index AnimeResource.Resource\_FK

go

if exists (select 1

from sysobjects

where id = object\_id('AnimeResource')

and type = 'U')

drop table AnimeResource

go

if exists (select 1

from sysindexes

where id = object\_id('Broadcast')

and name = 'Broadcast3\_FK'

and indid > 0

and indid < 255)

drop index Broadcast.Broadcast3\_FK

go

if exists (select 1

from sysindexes

where id = object\_id('Broadcast')

and name = 'Broadcast2\_FK'

and indid > 0

and indid < 255)

drop index Broadcast.Broadcast2\_FK

go

if exists (select 1

from sysindexes

where id = object\_id('Broadcast')

and name = 'Broadcast\_FK'

and indid > 0

and indid < 255)

drop index Broadcast.Broadcast\_FK

go

if exists (select 1

from sysobjects

where id = object\_id('Broadcast')

and type = 'U')

drop table Broadcast

go

if exists (select 1

from sysindexes

where id = object\_id('CaptionGroup')

and name = 'Caption\_FK'

and indid > 0

and indid < 255)

drop index CaptionGroup.Caption\_FK

go

if exists (select 1

from sysobjects

where id = object\_id('CaptionGroup')

and type = 'U')

drop table CaptionGroup

go

if exists (select 1

from sysobjects

where id = object\_id('CaptionTV')

and type = 'U')

drop table CaptionTV

go

if exists (select 1

from sysobjects

where id = object\_id('Issuer')

and type = 'U')

drop table Issuer

go

if exists (select 1

from sysobjects

where id = object\_id('Location')

and type = 'U')

drop table Location

go

if exists (select 1

from sysindexes

where id = object\_id('OriginalDisk')

and name = 'OriginalDiskSource2\_FK'

and indid > 0

and indid < 255)

drop index OriginalDisk.OriginalDiskSource2\_FK

go

if exists (select 1

from sysobjects

where id = object\_id('OriginalDisk')

and type = 'U')

drop table OriginalDisk

go

if exists (select 1

from sysobjects

where id = object\_id('Producer')

and type = 'U')

drop table Producer

go

if exists (select 1

from sysindexes

where id = object\_id('SuppressBD')

and name = 'OriginalDiskSource\_FK'

and indid > 0

and indid < 255)

drop index SuppressBD.OriginalDiskSource\_FK

go

if exists (select 1

from sysindexes

where id = object\_id('SuppressBD')

and name = 'Suppress\_FK'

and indid > 0

and indid < 255)

drop index SuppressBD.Suppress\_FK

go

if exists (select 1

from sysobjects

where id = object\_id('SuppressBD')

and type = 'U')

drop table SuppressBD

go

if exists (select 1

from sysobjects

where id = object\_id('SuppressGroup')

and type = 'U')

drop table SuppressGroup

go

/\*==============================================================\*/

/\* Table: Anime \*/

/\*==============================================================\*/

create table Anime (

StartDate datetime null,

EndDate datetime null,

Anime\_Name varchar(1) not null,

Producer\_Name varchar(1) null,

constraint PK\_ANIME primary key nonclustered (Anime\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('Anime') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Anime'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime',

'user', @CurrentUser, 'table', 'Anime'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Anime')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'StartDate')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Anime', 'column', 'StartDate'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'StartDate',

'user', @CurrentUser, 'table', 'Anime', 'column', 'StartDate'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Anime')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'EndDate')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Anime', 'column', 'EndDate'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'EndDate',

'user', @CurrentUser, 'table', 'Anime', 'column', 'EndDate'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Anime')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Anime', 'column', 'Anime\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Name',

'user', @CurrentUser, 'table', 'Anime', 'column', 'Anime\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Anime')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Producer\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Anime', 'column', 'Producer\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Producer\_Name',

'user', @CurrentUser, 'table', 'Anime', 'column', 'Producer\_Name'

go

/\*==============================================================\*/

/\* Index: Produce\_FK \*/

/\*==============================================================\*/

create index Produce\_FK on Anime (

Producer\_Name ASC

)

go

/\*==============================================================\*/

/\* Table: AnimeResource \*/

/\*==============================================================\*/

create table AnimeResource (

AnimeResource\_Name varchar(1) not null,

Anime\_Name varchar(1) null,

Anime\_Space int null,

constraint PK\_ANIMERESOURCE primary key nonclustered (AnimeResource\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('AnimeResource') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'AnimeResource'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'AnimeResource',

'user', @CurrentUser, 'table', 'AnimeResource'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('AnimeResource')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'AnimeResource\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'AnimeResource', 'column', 'AnimeResource\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'AnimeResource\_Name',

'user', @CurrentUser, 'table', 'AnimeResource', 'column', 'AnimeResource\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('AnimeResource')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'AnimeResource', 'column', 'Anime\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Name',

'user', @CurrentUser, 'table', 'AnimeResource', 'column', 'Anime\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('AnimeResource')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Space')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'AnimeResource', 'column', 'Anime\_Space'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Space',

'user', @CurrentUser, 'table', 'AnimeResource', 'column', 'Anime\_Space'

go

/\*==============================================================\*/

/\* Index: Resource\_FK \*/

/\*==============================================================\*/

create index Resource\_FK on AnimeResource (

Anime\_Name ASC

)

go

/\*==============================================================\*/

/\* Table: Broadcast \*/

/\*==============================================================\*/

create table Broadcast (

Anime\_Name varchar(1) not null,

Age numeric not null,

Issuer\_Name varchar(1) not null,

constraint PK\_BROADCAST primary key (Anime\_Name, Age, Issuer\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('Broadcast') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Broadcast'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Broadcast',

'user', @CurrentUser, 'table', 'Broadcast'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Broadcast')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Broadcast', 'column', 'Anime\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Name',

'user', @CurrentUser, 'table', 'Broadcast', 'column', 'Anime\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Broadcast')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Age')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Broadcast', 'column', 'Age'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Age',

'user', @CurrentUser, 'table', 'Broadcast', 'column', 'Age'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Broadcast')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Issuer\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Broadcast', 'column', 'Issuer\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Issuer\_Name',

'user', @CurrentUser, 'table', 'Broadcast', 'column', 'Issuer\_Name'

go

/\*==============================================================\*/

/\* Index: Broadcast\_FK \*/

/\*==============================================================\*/

create index Broadcast\_FK on Broadcast (

Anime\_Name ASC

)

go

/\*==============================================================\*/

/\* Index: Broadcast2\_FK \*/

/\*==============================================================\*/

create index Broadcast2\_FK on Broadcast (

Age ASC

)

go

/\*==============================================================\*/

/\* Index: Broadcast3\_FK \*/

/\*==============================================================\*/

create index Broadcast3\_FK on Broadcast (

Issuer\_Name ASC

)

go

/\*==============================================================\*/

/\* Table: CaptionGroup \*/

/\*==============================================================\*/

create table CaptionGroup (

CaptionGroup\_Name varchar(1) not null,

AnimeResource\_Name varchar(1) null,

CaptionGroup\_Principle varchar(1) null,

CaptionGroup\_Date datetime null,

constraint PK\_CAPTIONGROUP primary key nonclustered (CaptionGroup\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('CaptionGroup') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionGroup'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'CaptionGroup',

'user', @CurrentUser, 'table', 'CaptionGroup'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionGroup')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'CaptionGroup\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'CaptionGroup\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'CaptionGroup\_Name',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'CaptionGroup\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionGroup')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'AnimeResource\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'AnimeResource\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'AnimeResource\_Name',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'AnimeResource\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionGroup')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'CaptionGroup\_Principle')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'CaptionGroup\_Principle'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'CaptionGroup\_Principle',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'CaptionGroup\_Principle'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionGroup')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'CaptionGroup\_Date')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'CaptionGroup\_Date'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'CaptionGroup\_Date',

'user', @CurrentUser, 'table', 'CaptionGroup', 'column', 'CaptionGroup\_Date'

go

/\*==============================================================\*/

/\* Index: Caption\_FK \*/

/\*==============================================================\*/

create index Caption\_FK on CaptionGroup (

AnimeResource\_Name ASC

)

go

/\*==============================================================\*/

/\* Table: CaptionTV \*/

/\*==============================================================\*/

create table CaptionTV (

AnimeResource\_Name varchar(1) not null,

Anime\_Name varchar(1) null,

Anime\_Space int null,

TV\_Resolution bigint null,

constraint PK\_CAPTIONTV primary key (AnimeResource\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('CaptionTV') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionTV'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'CaptionTV',

'user', @CurrentUser, 'table', 'CaptionTV'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionTV')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'AnimeResource\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'AnimeResource\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'AnimeResource\_Name',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'AnimeResource\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionTV')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'Anime\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Name',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'Anime\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionTV')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Space')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'Anime\_Space'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Space',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'Anime\_Space'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('CaptionTV')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'TV\_Resolution')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'TV\_Resolution'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'TV\_Resolution',

'user', @CurrentUser, 'table', 'CaptionTV', 'column', 'TV\_Resolution'

go

/\*==============================================================\*/

/\* Table: Issuer \*/

/\*==============================================================\*/

create table Issuer (

Issuer\_Name varchar(1) not null,

Issuer\_Address varchar(1) null,

constraint PK\_ISSUER primary key nonclustered (Issuer\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('Issuer') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Issuer'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Issuer',

'user', @CurrentUser, 'table', 'Issuer'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Issuer')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Issuer\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Issuer', 'column', 'Issuer\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Issuer\_Name',

'user', @CurrentUser, 'table', 'Issuer', 'column', 'Issuer\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Issuer')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Issuer\_Address')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Issuer', 'column', 'Issuer\_Address'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Issuer\_Address',

'user', @CurrentUser, 'table', 'Issuer', 'column', 'Issuer\_Address'

go

/\*==============================================================\*/

/\* Table: Location \*/

/\*==============================================================\*/

create table Location (

Age numeric not null,

constraint PK\_LOCATION primary key nonclustered (Age)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('Location') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Location'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Location',

'user', @CurrentUser, 'table', 'Location'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Location')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Age')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Location', 'column', 'Age'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Age',

'user', @CurrentUser, 'table', 'Location', 'column', 'Age'

go

/\*==============================================================\*/

/\* Table: OriginalDisk \*/

/\*==============================================================\*/

create table OriginalDisk (

AnimeResource\_Name varchar(1) not null,

Sup\_AnimeResource\_Name varchar(1) null,

Anime\_Name varchar(1) null,

Anime\_Space int null,

Original\_Price bigint null,

Original\_SellPosition varchar(1) null,

Original\_SellDate datetime null,

Original\_OrderNum bigint null,

constraint PK\_ORIGINALDISK primary key (AnimeResource\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('OriginalDisk') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'OriginalDisk',

'user', @CurrentUser, 'table', 'OriginalDisk'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'AnimeResource\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'AnimeResource\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'AnimeResource\_Name',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'AnimeResource\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Sup\_AnimeResource\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Sup\_AnimeResource\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Sup\_AnimeResource\_Name',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Sup\_AnimeResource\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Anime\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Name',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Anime\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Space')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Anime\_Space'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Space',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Anime\_Space'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Original\_Price')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_Price'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Original\_Price',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_Price'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Original\_SellPosition')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_SellPosition'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Original\_SellPosition',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_SellPosition'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Original\_SellDate')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_SellDate'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Original\_SellDate',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_SellDate'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('OriginalDisk')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Original\_OrderNum')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_OrderNum'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Original\_OrderNum',

'user', @CurrentUser, 'table', 'OriginalDisk', 'column', 'Original\_OrderNum'

go

/\*==============================================================\*/

/\* Index: OriginalDiskSource2\_FK \*/

/\*==============================================================\*/

create index OriginalDiskSource2\_FK on OriginalDisk (

Sup\_AnimeResource\_Name ASC

)

go

/\*==============================================================\*/

/\* Table: Producer \*/

/\*==============================================================\*/

create table Producer (

Producer\_Address varchar(1) null,

Producer\_Name varchar(1) not null,

constraint PK\_PRODUCER primary key nonclustered (Producer\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('Producer') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Producer'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Producer',

'user', @CurrentUser, 'table', 'Producer'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Producer')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Producer\_Address')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Producer', 'column', 'Producer\_Address'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Producer\_Address',

'user', @CurrentUser, 'table', 'Producer', 'column', 'Producer\_Address'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('Producer')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Producer\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'Producer', 'column', 'Producer\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Producer\_Name',

'user', @CurrentUser, 'table', 'Producer', 'column', 'Producer\_Name'

go

/\*==============================================================\*/

/\* Table: SuppressBD \*/

/\*==============================================================\*/

create table SuppressBD (

AnimeResource\_Name varchar(1) not null,

SuppressGroup\_Name varchar(1) null,

Ori\_AnimeResource\_Name varchar(1) null,

Anime\_Name varchar(1) null,

Anime\_Space int null,

BD\_resolution bigint null,

BD\_Track varchar(1) null,

constraint PK\_SUPPRESSBD primary key (AnimeResource\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('SuppressBD') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'SuppressBD',

'user', @CurrentUser, 'table', 'SuppressBD'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressBD')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'AnimeResource\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'AnimeResource\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'AnimeResource\_Name',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'AnimeResource\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressBD')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'SuppressGroup\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'SuppressGroup\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'SuppressGroup\_Name',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'SuppressGroup\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressBD')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Ori\_AnimeResource\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'Ori\_AnimeResource\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Ori\_AnimeResource\_Name',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'Ori\_AnimeResource\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressBD')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'Anime\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Name',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'Anime\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressBD')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'Anime\_Space')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'Anime\_Space'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'Anime\_Space',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'Anime\_Space'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressBD')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'BD\_resolution')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'BD\_resolution'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'BD\_resolution',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'BD\_resolution'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressBD')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'BD\_Track')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'BD\_Track'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'BD\_Track',

'user', @CurrentUser, 'table', 'SuppressBD', 'column', 'BD\_Track'

go

/\*==============================================================\*/

/\* Index: Suppress\_FK \*/

/\*==============================================================\*/

create index Suppress\_FK on SuppressBD (

SuppressGroup\_Name ASC

)

go

/\*==============================================================\*/

/\* Index: OriginalDiskSource\_FK \*/

/\*==============================================================\*/

create index OriginalDiskSource\_FK on SuppressBD (

Ori\_AnimeResource\_Name ASC

)

go

/\*==============================================================\*/

/\* Table: SuppressGroup \*/

/\*==============================================================\*/

create table SuppressGroup (

SuppressGroup\_Name varchar(1) not null,

SuppressGourp\_Date datetime null,

SuppressGroup\_Principle varchar(1) null,

constraint PK\_SUPPRESSGROUP primary key nonclustered (SuppressGroup\_Name)

)

go

if exists (select 1 from sys.extended\_properties

where major\_id = object\_id('SuppressGroup') and minor\_id = 0)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressGroup'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'SuppressGroup',

'user', @CurrentUser, 'table', 'SuppressGroup'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressGroup')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'SuppressGroup\_Name')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressGroup', 'column', 'SuppressGroup\_Name'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'SuppressGroup\_Name',

'user', @CurrentUser, 'table', 'SuppressGroup', 'column', 'SuppressGroup\_Name'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressGroup')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'SuppressGourp\_Date')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressGroup', 'column', 'SuppressGourp\_Date'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'SuppressGourp\_Date',

'user', @CurrentUser, 'table', 'SuppressGroup', 'column', 'SuppressGourp\_Date'

go

if exists(select 1 from sys.extended\_properties p where

p.major\_id = object\_id('SuppressGroup')

and p.minor\_id = (select c.column\_id from sys.columns c where c.object\_id = p.major\_id and c.name = 'SuppressGroup\_Principle')

)

begin

declare @CurrentUser sysname

select @CurrentUser = user\_name()

execute sp\_dropextendedproperty 'MS\_Description',

'user', @CurrentUser, 'table', 'SuppressGroup', 'column', 'SuppressGroup\_Principle'

end

select @CurrentUser = user\_name()

execute sp\_addextendedproperty 'MS\_Description',

'SuppressGroup\_Principle',

'user', @CurrentUser, 'table', 'SuppressGroup', 'column', 'SuppressGroup\_Principle'

go

alter table Anime

add constraint FK\_ANIME\_PRODUCE\_PRODUCER foreign key (Producer\_Name)

references Producer (Producer\_Name)

go

alter table AnimeResource

add constraint FK\_ANIMERES\_RESOURCE\_ANIME foreign key (Anime\_Name)

references Anime (Anime\_Name)

go

alter table Broadcast

add constraint FK\_BROADCAS\_BROADCAST\_ANIME foreign key (Anime\_Name)

references Anime (Anime\_Name)

go

alter table Broadcast

add constraint FK\_BROADCAS\_BROADCAST\_LOCATION foreign key (Age)

references Location (Age)

go

alter table Broadcast

add constraint FK\_BROADCAS\_BROADCAST\_ISSUER foreign key (Issuer\_Name)

references Issuer (Issuer\_Name)

go

alter table CaptionGroup

add constraint FK\_CAPTIONG\_CAPTION\_CAPTIONT foreign key (AnimeResource\_Name)

references CaptionTV (AnimeResource\_Name)

go

alter table CaptionTV

add constraint FK\_CAPTIONT\_IS\_TV\_ANIMERES foreign key (AnimeResource\_Name)

references AnimeResource (AnimeResource\_Name)

go

alter table OriginalDisk

add constraint FK\_ORIGINAL\_IS\_ORIGIN\_ANIMERES foreign key (AnimeResource\_Name)

references AnimeResource (AnimeResource\_Name)

go

alter table OriginalDisk

add constraint FK\_ORIGINAL\_ORIGINALD\_SUPPRESS foreign key (Sup\_AnimeResource\_Name)

references SuppressBD (AnimeResource\_Name)

go

alter table SuppressBD

add constraint FK\_SUPPRESS\_IS\_BD\_ANIMERES foreign key (AnimeResource\_Name)

references AnimeResource (AnimeResource\_Name)

go

alter table SuppressBD

add constraint FK\_SUPPRESS\_ORIGINALD\_ORIGINAL foreign key (Ori\_AnimeResource\_Name)

references OriginalDisk (AnimeResource\_Name)

go

alter table SuppressBD

add constraint FK\_SUPPRESS\_SUPPRESS\_SUPPRESS foreign key (SuppressGroup\_Name)

references SuppressGroup (SuppressGroup\_Name)

go

4:a):

有巨大差异。但鉴于实现数据库的环境，差异对于数据库的实现并无显著影响。

b):

复杂，冗长,模块性极强。Powerdesigner的附加语句排除了任何有可能干预数据库之实现的因素，这既是其出现的缘由，也是其作用。

二：

关系模式：

E Table(a,b,F\_c)Primary key:a,F\_c;

F Table(c,d)Primary key:c;

G Table(E\_a,F\_c,e)Primary key:E\_a,F\_c;

S Table(E\_a,F\_c,f,H\_h);

H Table(h,g)Primary key:h;

SQL语句：

Create Database ZUO\_YE\_ER;

Create Table F(c int primary key,d int);

Create Table E(a int primary key,b int);

Create Table G(E\_a int primary key,e int);

Create Table H(h int primary key,g int);

Create Table S(E\_a int,E\_b int,H\_h int);

Alter Table E Add Foreign key E\_c references F(F\_c);

Alter Table G Add Foreign key G\_c references F(F\_c);