

## PowerDesigner进行数据库的设计

第一步:使用噶管理员身份运行程序

第二步: 创建数据库物理模型

第三步: 在工作空间中创建数据库表并设计表

第四步: 创建表与表之间的关系连接

第五步: 将物理模型导出为sql脚本文件, 然后在数据库中执行即可

## PowerDesigner的物理模型反转

作用:将数据库中现有的表转换为PDM文件

第一步: 看图

第二步: 配置要反转的数据库的数据源(看图)

第三步: 使用配置好的数据源进行数据库文件的反转

### 可能遇到的问题:

一: oracle环境编辑ORACLE\_HOME和path

二: ODBC配置:

1. base包和ODBC包 (解压在同一个安装包)

E:\软件\压缩包

instantclient-basic-windows.x64-

11.2.0.3.0.zip

instantclient-odbc-windows.x64-11.2.0.3.0.zip

2. TNS\_ADMIN 变量值填写 (之后重启)

ORACLE\_HOME\NETWORK\ADMIN

## PowerDesigner进行数据库的设计 (图)

New Model

Categories

Model types

Model type:

Business Process Model

Conceptual Data Model

Data Movement Model

Enterprise Architecture Model

Free Model

Logical Data Model

Multi-Model Report

Object-Oriented Model

Physical Data Model

Requirements Model

XML Model

Diagram:

Physical Diagram

Multidimensional Diagram

A physical data model (PDM) helps you to analyze the tables, views, and other objects in a database, including multidimensional objects necessary for data warehousing. A PDM is more concrete than a conceptual (CDM) or logical (LDM) data model. You can model, reverse-engineer, and generate for all the most popular DBMSs.

Model name:

PhysicalDataModel\_1

DBMS:

ORACLE Version 11g

Extensions:

OK

Cancel

Help

Table Properties - 学生表 (student)

Procedures

Database Packages

Physical Options

Join Index

Oracle

Partitions

Physical Options (Common)

Notes

Rules

Preview

General

Columns

Indexes

Keys

Triggers

Name:

学生表

← 中文名字

=

Code:

student

← 英文名字


=

Comment:




Stereotype:

▼

Owner:

 <None>

▼

Number:

Row growth rate (per year):

10%

Dimensional type:

<None>

▼

☒ Generate


Type:

Relational

▼

Keywords:

More >>

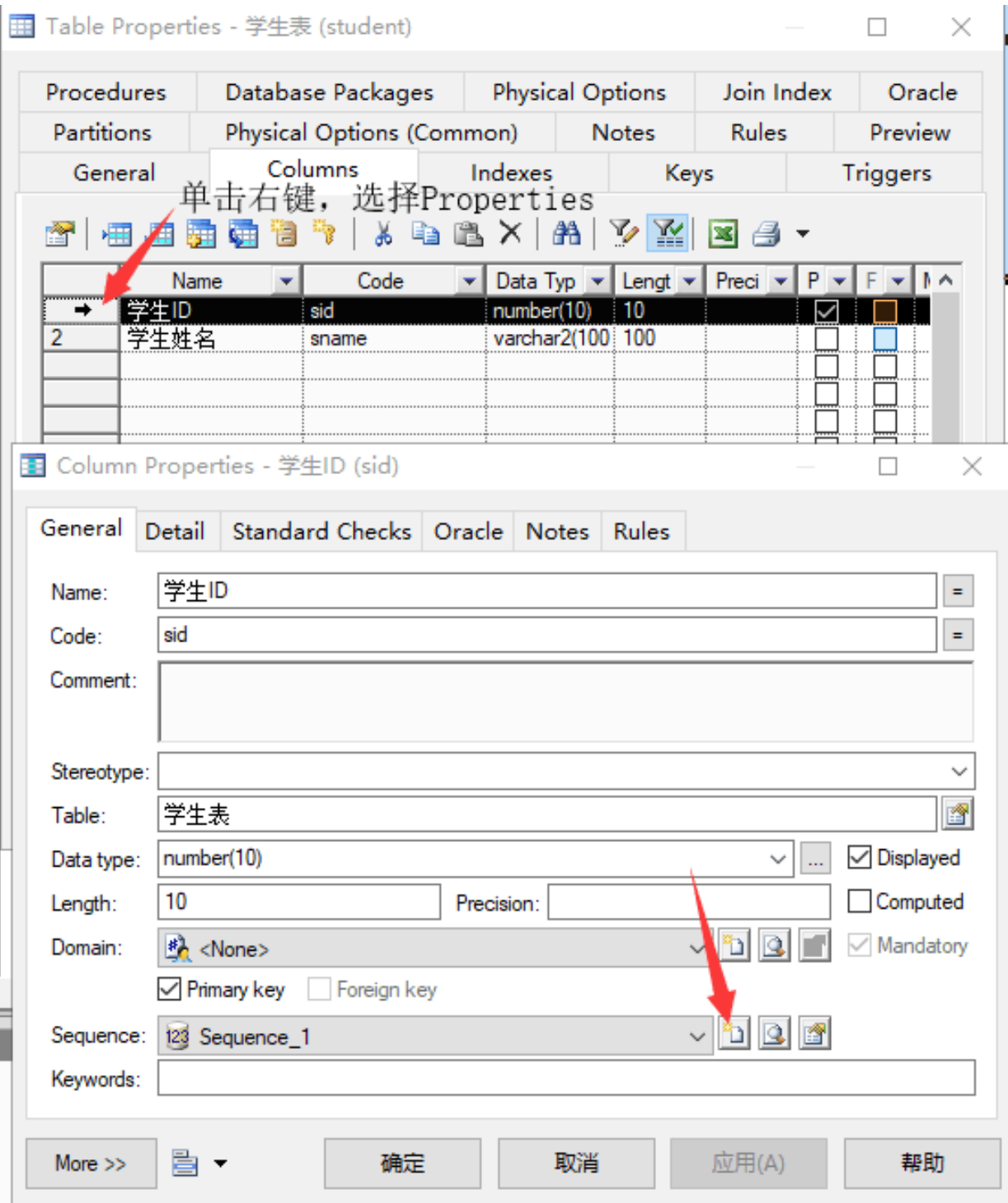
 ▼

确定

取消

应用(A)

帮助



Sequence Properties - Sequence\_2 (Sequence\_2)

General Physical Options **Physical Options (Common)** Notes Preview

Name: Sequence\_2 =

Code: Sequence\_2 =

Comment:

设置序列的名字

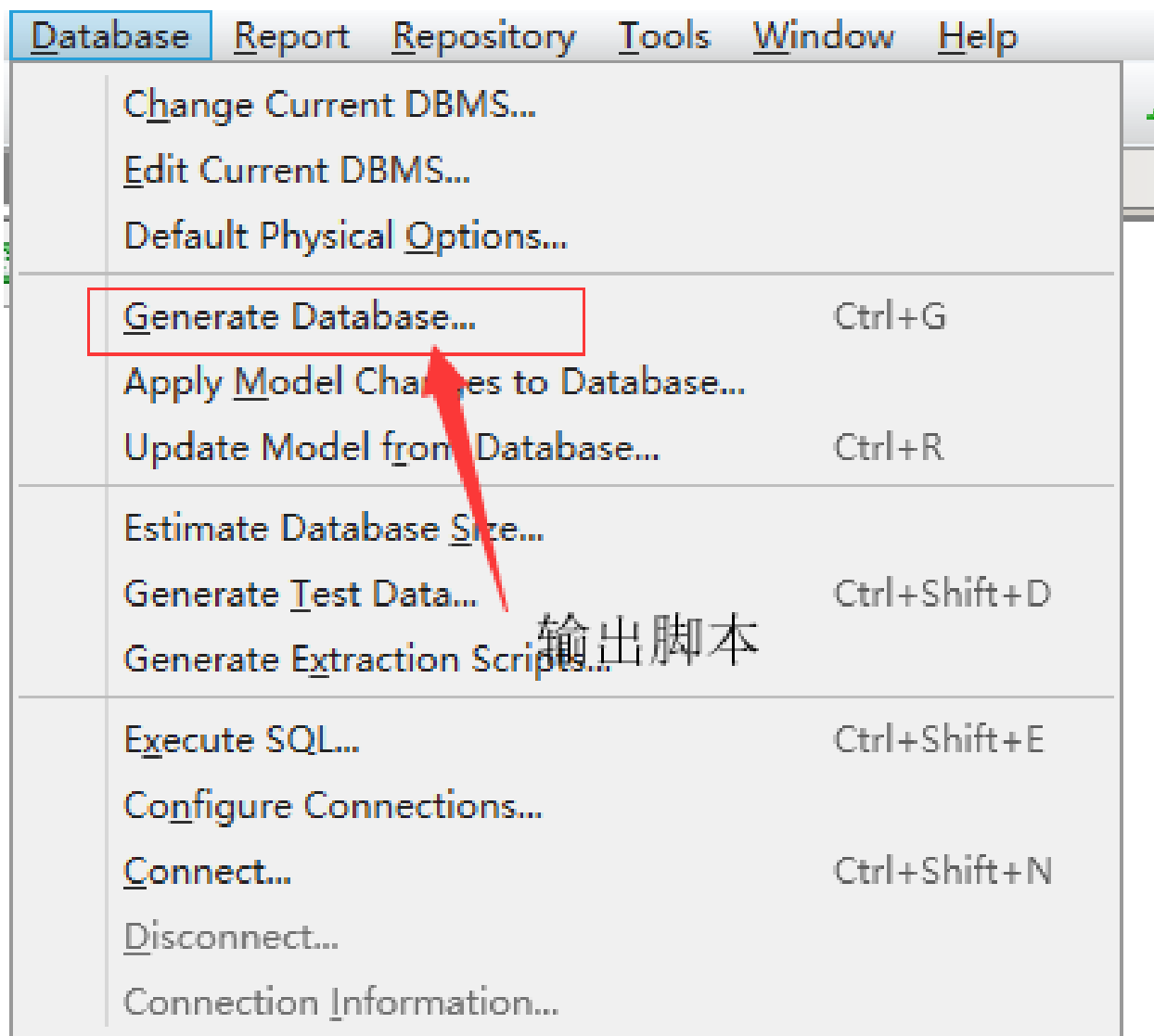
Stereotype:

Owner: <None>

Keywords:

More >> 确定 取消 应用(A) 帮助





PowerDesigner的物理模型反转(图)

