|  |  |  |
| --- | --- | --- |
|  | manually | automatic |
| create db connection |  | Machine generated alternative text:    Machine generated alternative text: MySQL Connections ® (S) Local instance MySQL8O I root Iocalhost:3306    # These are the mandatory fields for a database connection:    Machine generated alternative text: Connection Name: Local instance MySQL8O Connection Remote Management System Profile I Standard (TCP/IP) Connection Method: I_________________________ Parameters SSL Advanced Hosthame: localhost , Username: root Password: ‘ ‘ ‘ Store in Vault ... Clear ________ Method to use to conned to the ROOMS Port: jjjjj Name or IP address of the server host - and _________ TCP/IP port, Name of the user to conned with. The user’s password. Will be requested later if Ws not set.    # Test connection    Machine generated alternative text: MySQL Workbench requested Iat O Successfully made the MySOL connection schema. Lea Information related to this connection: Host: locaihost Port: 3306 Usen root SSL enabled with DHE-RSA-AEs12S-GcM-sHA256 A successful MySQL connection was made with the parameters defined for this connection. OK we Down Test connecton |
| create a model |  | Machine generated alternative text:    Machine generated alternative text: Models ®  # (optional) if no schema present, create new schema like this (press "+" button):    Machine generated alternative text: Model Overview Add Diagram Name: __________ Specify the name of the schema here. You can Rename References R.efactc model, changing al refwences found n view, triggies, stŒed procedies and functions from Charset/Collabon: Default Charsel E Default Collaboi , The character set and *s colation selected here Comments: r |
| add diagram |  | Machine generated alternative text: Model Overview Md Diagram |
| create table in diagram |  | The enhanced entity–relationship (**EER**) model (or extended entity–relationship model) in computer science is a high-level or conceptual data model used in the design of databases.    Machine generated alternative text: 0 Birds Eye Diagram Zoom: lOOZ 0 0% Catalog Tree V  mydb 3 Tables Views Routine Groups      # define columns    Machine generated alternative text: Q D C oltablel Vj O O D tablel - Table X V > Ta bic Name: Sch ema: ] mydb Column Name Datatype PK D NN D UQ D B D UN D ZF D AI D G D Defäi.d ( > |
| save model |  | # save model as .mwb file (to **src/main/resources**)    Machine generated alternative text: File Edit View Arrange Model Database |
| **forward engineering** |  | # generate tables based on the EER diagram    Machine generated alternative text: Database Tools Scripting Help Connect to Database... I Manage Connections... Reverse Engineer.. L FOEward Engineer... Ctrl+1J Ctrl+R Cti-l+G    # next > next > … next |
| create schema | CREATE SCHEMA `new\_shcema` ; | Machine generated alternative text: Navigator :::. new_schema- Schema x [ MANAGEMENT Name: Inewche I Q Server Status Rename References . Client Connections I Users and Privileges Charsetjcollation: Default Charset ‘ Default Collaoi E Status and System Variables |
| create table | CREATE TABLE `sql\_tutorial`.`departments` (  `id` INT NOT NULL,  `name` VARCHAR(45) NULL,  PRIMARY KEY (`id`)); | Machine generated alternative text: Tab’e Name: emp4oyees Colimin Name Datatype PIC  UQ B UN ZF AI G INT EEEEEE <)first_name VARCHAR(45) El El E E] E E E E] Iast_name VARCHAR(45) E E E E E E E E EEEEEEEE |
| create foreign key |  | Machine generated alternative text: employees - Table x Lì Table Name: Charset/Collabon: Comments: employees Schema: sql_tul ImoÐß utf8mb4  utfn4_O9OO_ai_ci . Rerenced Column Rerenced Table Column sql_tutorialdepartmer E id E first_name E last_name id_departments Foreign Key Name id_departments id    Machine generated alternative text: Demiiovees ? id INT(11) ‘fret_nan e VMCHAR(45) / læt_name VPRCt-IAR(45) ‘) id_dq,aiments INT(11) D departments’ ¡d INT(11) ‘name VAlHAR(45) I. |
| **reverse engineering** |  | # generate EER diagram based on tables    Machine generated alternative text: Database Server Tools Scripting Help Connect to Database... Ctrl+U Manage Connections... Reverse Engineer... Ctrl÷R    Machine generated alternative text: Select the schernas you want to include: db_name hibernate sqI_tutDrial sys    next > next > … > **execute** > next > **finish** |
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