

# 《数据库系统原理》课程

课程总结

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| 专 业： | 计算机科学与技术 |
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知乎等论坛业务模型

# 一．数据库安装与删除

<https://blog.csdn.net/m0_49284219/article/details/121972531>

https://huaweicloud.csdn.net/63357408d3efff3090b57550.html?spm=1001.2101.3001.6650.5&utm\_medium=distribute.pc\_relevant.none-task-blog-2~default~BlogCommendFromBaidu~activity-5-123571958-blog-104401745.pc\_relevant\_recovery\_v2&depth\_1-utm\_source=distribute.pc\_relevant.none-task-blog-2~default~BlogCommendFromBaidu~activity-5-123571958-blog-104401745.pc\_relevant\_recovery\_v2&utm\_relevant\_index=6

https://blog.csdn.net/weixin\_33720956/article/details/88812606

[(113条消息) DataGrip如何将创建的console保存路径设置到指定目录？\_datagrip console保存在哪里\_CoreDao的博客-CSDN博客](https://blog.csdn.net/Jin_Lemon/article/details/118937689)

# 二．实体型与产品UI设计

<https://blog.csdn.net/weixin_44006731/article/details/128613910>

<https://blog.csdn.net/lvoelife/article/details/129579247>

# 三．SQL语句

建库建表，完整性约束，增删改查，索引

[(96条消息) MySQL百万级/千万级数据存储解决方案\_百万级存储样本库软件需求\_仰望星空@脚踏实地的博客-CSDN博客](https://blog.csdn.net/wang4721/article/details/110789477)

[(97条消息) 工具脚本分享——Python数据库插入脚本\_插入数据库的脚本\_洒脱的智障的博客-CSDN博客](https://blog.csdn.net/qq_32238611/article/details/115290425?spm=1001.2101.3001.6650.1&utm_medium=distribute.pc_relevant.none-task-blog-2~default~CTRLIST~Rate-1-115290425-blog-115588268.235^v28^pc_relevant_t0_download&depth_1-utm_source=distribute.pc_relevant.none-task-blog-2~default~CTRLIST~Rate-1-115290425-blog-115588268.235^v28^pc_relevant_t0_download&utm_relevant_index=2)

[(97条消息) 解决mysql：ERROR 1045 (28000): Access denied for user ‘root‘@‘localhost‘ (using password: NO/YES)\_刀光剑影aaa的博客-CSDN博客](https://blog.csdn.net/zhengkanzhuang6120/article/details/119868006)

# 四．视图与用户权限

[(99条消息) mysql新增用户，提示1290错误, skip-grant-tables\_weixin\_45039757的博客-CSDN博客](https://blog.csdn.net/weixin_45039757/article/details/107955603)

<https://blog.csdn.net/weixin_51529433/article/details/122745414>

[MySQL创建用户 - MySQL教程 (yiibai.com)](https://www.yiibai.com/mysql/create-user.html)

[(99条消息) MySql 中的skip-grant-tables（跳过权限验证的问题）\_30baby的博客-CSDN博客](https://blog.csdn.net/ibsfn/article/details/88963040)

[(99条消息) mysql报错：The user specified as a definer ('skip-grants user'@'skip-grants host') does not exist\_grant all privileges on \*.\* to 'skip-grants user'@\_sqwu的博客-CSDN博客](https://blog.csdn.net/qq_42345108/article/details/103950857)

[windows 10环境下 将mysql从5.7升级到8.0 - 知乎 (zhihu.com)](https://zhuanlan.zhihu.com/p/480373482)（直接更换Bin文件）

# 五．网页三层架构设计

[(105条消息) 计算机服务器和数据库的关系,Web服务器,应用服务器和数据库服务器之间的区别...\_刘炳琦的博客-CSDN博客](https://blog.csdn.net/weixin_42527654/article/details/119094271?utm_medium=distribute.pc_relevant.none-task-blog-2~default~baidujs_baidulandingword~default-4-119094271-blog-80894382.235^v32^pc_relevant_increate_t0_download_v2_base&spm=1001.2101.3001.4242.3&utm_relevant_index=7)

[(105条消息) iis之web服务器搭建、部署（详细）~千锋\_iis部署web项目\_Moriia---的博客-CSDN博客](https://blog.csdn.net/m0_59856804/article/details/129347068" \l ":~:text=iis%E4%B9%8Bweb%E6%9C%8D%E5%8A%A1%E5%99%A8%E6%90%AD%E5%BB%BA%E3%80%81%E9%83%A8%E7%BD%B2%EF%BC%88%E8%AF%A6%E7%BB%86%EF%BC%89~%E5%8D%83%E9%94%8B 1 Web%E6%9C%8D%E5%8A%A1%E5%99%A8 %E4%B9%9F%E5%8F%AB%E7%BD%91%E9%A1%B5%E6%9C%8D%E5%8A%A1%E6%88%96HTTP%E6%9C%8D%E5%8A%A1%E5%99%A8 web%E6%9C%8D%E5%8A%A1%E5%99%A8%E4%BD%BF%E7%94%A8%E7%9A%84%E5%8D%8F%E8%AE%AE%E6%98%AFHTTP HTTP%E5%8D%8F%E8%AE%AE%E7%AB%AF%E5%8F%A3%E5%8F%B7%EF%BC%9ATCP 80%E3%80%81HTTPS%E5%8D%8F%E8%AE%AE%E7%AB%AF%E5%8F%A3%E5%8F%B7%EF%BC%9ATCP 443,%E6%96%B9%E6%B3%95%E4%B8%89%EF%BC%9A%E7%9B%B8%E5%90%8C%E7%9A%84IP%EF%BC%8C%E7%9B%B8%E5%90%8C%E7%9A%84%E7%AB%AF%E5%8F%A3%EF%BC%8C%E4%B8%8D%E5%90%8C%E7%9A%84%E5%9F%9F%E5%90%8D%EF%BC%88%E4%B8%BB%E6%9C%BA%E5%A4%B4%EF%BC%89 ... 4 %E7%BD%91%E7%AB%99%E7%B1%BB%E5%9E%8B %E9%9D%99%E6%80%81%E7%BD%91%E7%AB%99%EF%BC%9A%E4%B8%80%E8%88%AC%E6%89%A9%E5%B1%95%E5%90%8D%E4%B8%BA.html%E6%88%96.htm %E6%97%A0%E5%90%8E%E5%8F%B0%E6%95%B0%E6%8D%AE%E5%BA%93 %E5%8A%A8%E6%80%81%E7%BD%91%E7%AB%99%EF%BC%9A%E4%B8%80%E8%88%AC%E6%89%A9%E5%B1%95%E5%90%8D%E4%B8%BA.asp%E6%88%96.php %E6%9C%89%E5%90%8E%E5%8F%B0%E6%95%B0%E6%8D%AE%E5%BA%93%EF%BC%8Casp%E6%88%96php%E5%8F%AF%E4%BB%A5%E8%BF%9E%E6%8E%A5%E5%89%8D%E5%8F%B0%E9%A1%B5%E9%9D%A2%E4%B8%8E%E5%90%8E%E5%8F%B0%E6%95%B0%E6%8D%AE%E5%BA%93)

[数据库编程——MySQL（一） - 知乎 (zhihu.com)](https://zhuanlan.zhihu.com/p/74636685)

[(104条消息) 第8章——数据库编程\_过程化数据库编程\_—Miss. Z—的博客-CSDN博客](https://blog.csdn.net/weixin_42071236/article/details/122936333)

[(105条消息) 三层架构、面向接口编程\_一个很懒的人的博客-CSDN博客](https://blog.csdn.net/weixin_43715360/article/details/113476266)

<https://blog.csdn.net/weixin_51529433/article/details/122747789>

<https://blog.csdn.net/m0_59315964/article/details/122600536>

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[(105条消息) 云服务器部署web项目(完整版)，jdk，mysql，tomcat的安装配置\_云服务器部署web项目连接mysql\_T-hs的博客-CSDN博客](https://blog.csdn.net/Trace_hs/article/details/108194701)

[超详细教程：如何用Python开发你的网站（一） - 知乎 (zhihu.com)](https://zhuanlan.zhihu.com/p/274724249)

[(74 封私信 / 81 条消息) 学习web.py时，遇到：no socket could be created问题？ - 知乎 (zhihu.com)](https://www.zhihu.com/question/41905098)

[(106条消息) Flask框架-Python系列（一）—— 基础入门（flask库安装及简单使用）\_云霄IT的博客-CSDN博客](https://blog.csdn.net/weixin_51111267/article/details/129265361?spm=1001.2101.3001.6650.1&utm_medium=distribute.pc_relevant.none-task-blog-2~default~CTRLIST~Rate-1-129265361-blog-117572566.235^v32^pc_relevant_increate_t0_download_v2_base&depth_1-utm_source=distribute.pc_relevant.none-task-blog-2~default~CTRLIST~Rate-1-129265361-blog-117572566.235^v32^pc_relevant_increate_t0_download_v2_base&utm_relevant_index=2)

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https://blog.csdn.net/qq\_41603102/article/details/88792295?ops\_request\_misc=&request\_id=&biz\_id=102&utm\_term=flask\_sqlalchemy%E6%95%99%E7%A8%8B&utm\_medium=distribute.pc\_search\_result.none-task-blog-2~all~sobaiduweb~default-4-88792295.142^v86^wechat,239^v2^insert\_chatgpt&spm=1018.2226.3001.4187

# 六．系统文档

<https://blog.csdn.net/weixin_51529433/article/details/122754431>

[(108条消息) 掌握14种UML图，清晰图示\_Aiky哇的博客-CSDN博客](https://blog.csdn.net/qq_35423190/article/details/125069834?ops_request_misc=%7B%22request%5Fid%22%3A%22168403185216800184190557%22%2C%22scm%22%3A%2220140713.130102334..%22%7D&request_id=168403185216800184190557&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~all~top_positive~default-1-125069834-null-null.142^v87^control,239^v2^insert_chatgpt&utm_term=UML&spm=1018.2226.3001.4187)

[(108条消息) UML详细讲解\_HIIWAR\_ZB的博客-CSDN博客](https://blog.csdn.net/qq_29912325/article/details/120673082?ops_request_misc=%7B%22request%5Fid%22%3A%22168403185216800184190557%22%2C%22scm%22%3A%2220140713.130102334..%22%7D&request_id=168403185216800184190557&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~all~top_positive~default-2-120673082-null-null.142^v87^control,239^v2^insert_chatgpt&utm_term=UML&spm=1018.2226.3001.4187)

[Untitled Workspace - Creately](https://app.creately.com/d/FnF5uleYnIP/edit/s/MADMawdOqzL)

# 七．存储过程、触发器，JDBC，索引

[(109条消息) mysql odbc怎么卸载\_如何完全卸载数据库\_何耀辉 Jessica的博客-CSDN博客](https://blog.csdn.net/weixin_42377196/article/details/113585884)

[(109条消息) ODBC的安装和配置\_odbc安装\_智慧的猪-的博客-CSDN博客](https://blog.csdn.net/weixin_54963748/article/details/121462873)

[(109条消息) python pyodbc使用方法\_python pyodbc\_Jack2013tong的博客-CSDN博客](https://blog.csdn.net/huwei2003/article/details/107387919)

[(110条消息) Python pymysql调用存储过程\_pymysql 存储过程\_特仑苏纯酸奶的博客-CSDN博客](https://blog.csdn.net/qq_35152505/article/details/104475143)

[(109条消息) 【MySQL触发器】触发器的使用、创建、修改及删除\_霸道小明的博客-CSDN博客](https://blog.csdn.net/qq_54169998/article/details/122720159)

[(109条消息) mysql 创建触发器（for each row解释）\_ChuanDD的博客-CSDN博客](https://blog.csdn.net/weixin_52153489/article/details/117552338)

[(109条消息) mysql 触发器错误 Can‘t update table in stored function/trigger because it is already used by state（已解决）\_Late whale的博客-CSDN博客](https://blog.csdn.net/Late_whale/article/details/103411805)

[(109条消息) MySQL删除表：Cannot delete or update a parent row: a foreign key constraint fails。\_我是蚁人的博客-CSDN博客](https://kangkang.blog.csdn.net/article/details/79042886?spm=1001.2101.3001.6650.4&utm_medium=distribute.pc_relevant.none-task-blog-2~default~CTRLIST~Rate-4-79042886-blog-112197803.235^v36^pc_relevant_default_base3&depth_1-utm_source=distribute.pc_relevant.none-task-blog-2~default~CTRLIST~Rate-4-79042886-blog-112197803.235^v36^pc_relevant_default_base3&utm_relevant_index=3)

[(109条消息) 【学习笔记之MYSQL篇】外键约束级联删除\_外键的删除为限制策略，修改为级联策略\_IsQiya的博客-CSDN博客](https://blog.csdn.net/qq_45351292/article/details/108830909)

[(109条消息) Flask报错The server encountered an internal error and was unable to complete your request. Either the\_Evan Yi的博客-CSDN博客](https://blog.csdn.net/weixin_43211480/article/details/113663357)

[(109条消息) 【Flask&MySQL】Flask连接数据库MySQL（十）\_flask mysql\_今天自洽了吗的博客-CSDN博客](https://blog.csdn.net/hold_on_qlc/article/details/128184960)

[(109条消息) Flask-SQLAlchemy操作数据库\_flask\_sqlachemy 封装对数据库的操作\_IT瘾君的博客-CSDN博客](https://blog.csdn.net/u012441595/article/details/121107207)

[Flask干货：访问数据库——Flask-SQLAlchemy的数据操作 - 知乎 (zhihu.com)](https://zhuanlan.zhihu.com/p/264327098)

[Python库——Faker - 知乎 (zhihu.com)](https://zhuanlan.zhihu.com/p/87203290)

[(109条消息) python——Faker库生成测试数据写入数据库\_利用faker生成数据,插入数据库表\_xiaoli\_panpan的博客-CSDN博客](https://blog.csdn.net/xiaolipanpan/article/details/112039793)

[(109条消息) 数据库创建索引的几种方法\_数据库新建索引\_黄杏波的博客-CSDN博客](https://blog.csdn.net/weberhuangxingbo/article/details/83894153)

# 八．备份恢复日志与并发控制

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[(111条消息) MySQL数据表中有自增长主键时如何插入数据\_Weicleer的博客-CSDN博客](https://blog.csdn.net/Weicleer/article/details/47608289" \l ":~:text=%E5%BD%93%E6%95%B0%E6%8D%AE%E8%A1%A8%E4%B8%AD%E6%9C%89%E8%87%AA%E5%A2%9E%E9%95%BF%E4%B8%BB%E9%94%AE%E6%97%B6%EF%BC%8C%E5%BD%93%E7%94%A8SQL%E6%8F%92%E5%85%A5%E8%AF%AD%E5%8F%A5%E4%B8%AD%E6%8F%92%E5%85%A5%E8%AF%AD%E5%8F%A5%E5%B8%A6%E6%9C%89ID%E5%88%97%E5%80%BC%E8%AE%B0%E5%BD%95%E7%9A%84%E6%97%B6%E5%80%99%EF%BC%9B %E5%A6%82%E6%9E%9C%E6%8C%87%E5%AE%9A%E4%BA%86%E8%AF%A5%E5%88%97%E7%9A%84%E5%80%BC%EF%BC%8C%E5%88%99%E6%96%B0%E6%8F%92%E5%85%A5%E7%9A%84%E5%80%BC%E4%B8%8D%E8%83%BD%E5%92%8C%E5%B7%B2%E6%9C%89%E7%9A%84%E5%80%BC%E9%87%8D%E5%A4%8D%EF%BC%8C%E8%80%8C%E4%B8%94%E5%BF%85%E9%A1%BB%E5%A4%A7%E4%BA%8E%E5%85%B6%E4%B8%AD%E6%9C%80%E5%A4%A7%E7%9A%84%E4%B8%80%E4%B8%AA%E5%80%BC%EF%BC%9B %E4%B9%9F%E5%8F%AF%E4%BB%A5%E4%B8%8D%E6%8C%87%E5%AE%9A%E8%AF%A5%E5%88%97%E7%9A%84%E5%80%BC%EF%BC%8C%E5%8F%AA%E5%B0%86%E5%85%B6%E4%BB%96%E5%88%97%E7%9A%84%E5%80%BC%E6%8F%92%E5%85%A5%EF%BC%8C%E8%AE%A9ID%E8%BF%98%E6%98%AF%E6%8C%89%E7%85%A7MySQL%E8%87%AA%E5%A2%9E%E8%87%AA%E5%B7%B1%E5%A1%AB%EF%BC%9B,%E8%BF%99%E7%A7%8D%E6%83%85%E5%86%B5%E5%9C%A8%E8%BF%9B%E8%A1%8C%E6%8F%92%E5%85%A5%E7%9A%84%E6%97%B6%E5%80%99%EF%BC%8C%E4%B8%A4%E7%A7%8D%E8%A7%A3%E5%86%B3%E6%96%B9%E6%B3%95%EF%BC%9A %E2%91%A0%E5%8F%AF%E4%BB%A5%E6%8A%8Aid%E7%9A%84%E5%80%BC%E8%AE%BE%E7%BD%AE%E4%B8%BAnull%E6%88%96%E8%80%850%EF%BC%8C%E8%BF%99%E6%A0%B7%E5%AD%90mysql%E9%83%BD%E4%BC%9A%E8%87%AA%E5%B7%B1%E5%81%9A%E5%A4%84%E7%90%86 %E2%91%A1%E6%89%8B%E5%8A%A8%E6%8C%87%E5%AE%9A%E9%9C%80%E8%A6%81%E6%8F%92%E5%85%A5%E7%9A%84%E5%88%97%EF%BC%8C%E4%B8%8D%E6%8F%92%E5%85%A5%E8%BF%99%E4%B8%80%E4%B8%AA%E5%AD%97%E6%AE%B5%E7%9A%84%E6%95%B0%E6%8D%AE%EF%BC%81)

[(111条消息) MySQL备份与恢复\_银痕的博客-CSDN博客](https://blog.csdn.net/qq_46480020/article/details/111603417)

[2020-07-08 Mysql导入数据库报 ASCII '\0' appeared in the statement, but this is not allowed错误 - 简书 (jianshu.com)](https://www.jianshu.com/p/4e1a982d851b)

[(111条消息) MySQL-深入分析MySQL ERROR 1045出现的原因\_xieet\_0的博客-CSDN博客](https://blog.csdn.net/qq_28938933/article/details/72872064)

[(111条消息) MySQL的rollback--事务回滚\_mysql rollback\_小桔帽的博客-CSDN博客](https://blog.csdn.net/u010895119/article/details/81560473)