**4-4｜带你创建直播业务的数据库模块搭建**

创建我们的数据库：

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| TypeScript CREATE DATABASE qiyu\_live\_user CHARACTER set utf8mb3 COLLATE=utf8\_bin; |

创建一百张分表的脚本：

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| TypeScript  DELIMITER $$    CREATE   PROCEDURE qiyu\_live\_user.create\_t\_user\_100()   BEGIN     DECLARE i INT;   DECLARE table\_name VARCHAR(30);   DECLARE table\_pre VARCHAR(30);   DECLARE sql\_text VARCHAR(3000);   DECLARE table\_body VARCHAR(2000);   SET i=0;   SET table\_name='';     SET sql\_text='';   SET table\_body = '(  user\_id bigint NOT NULL DEFAULT -1 COMMENT \'用户id\',  nick\_name varchar(35) DEFAULT NULL COMMENT \'昵称\',  avatar varchar(255) DEFAULT NULL COMMENT \'头像\',  true\_name varchar(20) DEFAULT NULL COMMENT \'真实姓名\',  sex tinyint(1) DEFAULT NULL COMMENT \'性别 0男，1女\',  born\_date datetime DEFAULT NULL COMMENT \'出生时间\',  work\_city int(9) DEFAULT NULL COMMENT \'工作地\',  born\_city int(9) DEFAULT NULL COMMENT \'出生地\',  create\_time datetime DEFAULT CURRENT\_TIMESTAMP,  update\_time datetime DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,  PRIMARY KEY (user\_id) ) ENGINE=InnoDB AUTO\_INCREMENT=1 DEFAULT CHARSET=utf8mb3 COLLATE=utf8\_bin;';   WHILE i<100 DO   IF i<10 THEN  SET table\_name = CONCAT('t\_user\_0',i);  ELSE  SET table\_name = CONCAT('t\_user\_',i);  END IF;    SET sql\_text=CONCAT('CREATE TABLE ',table\_name, table\_body);   SELECT sql\_text;   SET @sql\_text=sql\_text;   PREPARE stmt FROM @sql\_text;   EXECUTE stmt;   DEALLOCATE PREPARE stmt;   SET i=i+1;   END WHILE;      END$$    DELIMITER ; |