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：

```TypeScript
CREATE DATABASE qiyu_live_user CHARACTER  set utf8mb3
COLLATE=utf8_bin;
```

创建一百张分表的脚本：

```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 ;
```