Atitit 外键使用的问题以及解决

目录

[1.1. Cant create fk 1](#_Toc31640)

[1.2. Tmple insert 1](#_Toc26899)

[1.3. 外键名字不能重复，哪怕跨表 1](#_Toc27010)

[1.4. 外键查询 1](#_Toc4805)

## Cant create fk

ALTER TABLE `football\_score\_t` ADD CONSTRAINT `比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `basketball\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL;

SET FOREIGN\_KEY\_CHECKS = 0;

ALTER TABLE `football\_score\_t` ADD CONSTRAINT `比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `basketball\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL;

## Tmple insert

## 外键名字不能重复，哪怕跨表

## 外键查询

select t.id,t.for\_name 子表for\_name,c.for\_col\_name,t.ref\_name 父表ref\_name,c.ref\_col\_name from information\_schema.INNODB\_SYS\_FOREIGN t

LEFT JOIN information\_schema.INNODB\_SYS\_FOREIGN\_COLS c on t.id=c.id

where t.id like '%kok%'

order by t.for\_name

## 外键的异常捕获

{

"@type":"org.apache.ibatis.exceptions.PersistenceException",

"cause":{

"@type":"java.sql.SQLIntegrityConstraintViolationException",

"errorCode":1452,

"localizedMessage":"Cannot add or update a child row: a foreign key constraint fails (`dev\_kok\_sport`.`football\_tlive\_t`, CONSTRAINT `直播tlive比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `football\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL)",

"message":"Cannot add or update a child row: a foreign key constraint fails (`dev\_kok\_sport`.`football\_tlive\_t`, CONSTRAINT `直播tlive比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `football\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL)",

"sQLState":"23000",

"stackTrace":[{

"className":"com.mysql.cj.jdbc.exceptions.SQLError",

"fileName":"SQLError.java",

"lineNumber":533,

"methodName":"createSQLException",

"nativeMethod":false

}, ........................]

},

"localizedMessage":"\r\n### Error updating database. Cause: java.sql.SQLIntegrityConstraintViolationException: Cannot add or update a child row: a foreign key constraint fails (`dev\_kok\_sport`.`football\_tlive\_t`, CONSTRAINT `直播tlive比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `football\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL)\r\n### The error may exist in mapper/FootballLiveMatchdetailliveDao.xml\r\n### The error may involve /.insert\_into\_football\_tlive\_t-Inline\r\n### The error occurred while setting parameters\r\n### SQL: insert into football\_tlive\_t( id,time, type ,data,position,match\_id,main, create\_time,delete\_flag)values( replace(UNIX\_TIMESTAMP(now(6)),'.',''),?,?,?,?, ?,0,now(),0 )\r\n### Cause: java.sql.SQLIntegrityConstraintViolationException: Cannot add or update a child row: a foreign key constraint fails (`dev\_kok\_sport`.`football\_tlive\_t`, CONSTRAINT `直播tlive比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `football\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL)",

"message":"\r\n...

{

"detailMessage": "\r\n### Error updating database. Cause: java.sql.SQLIntegrityConstraintViolationException: Cannot add or update a child row: a foreign key constraint fails (`dev\_kok\_sport`.`football\_tlive\_t`, CONSTRAINT `直播tlive比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `football\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL)\r\n### The error may exist in mapper/FootballLiveMatchdetailliveDao.xml\r\n### The error may involve /.insert\_into\_football\_tlive\_t-Inline\r\n### The error occurred while setting parameters\r\n### SQL: insert into football\_tlive\_t( id,time, type ,data,position,match\_id,main, create\_time,delete\_flag)values( replace(UNIX\_TIMESTAMP(now(6)),'.',''),?,?,?,?, ?,0,now(),0 )\r\n### Cause: java.sql.SQLIntegrityConstraintViolationException: Cannot add or update a child row: a foreign key constraint fails (`dev\_kok\_sport`.`football\_tlive\_t`, CONSTRAINT `直播tlive比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `football\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL)",

"cause": {

"SQLState": "23000",

"vendorCode": 1452,

"detailMessage": "Cannot add or update a child row: a foreign key constraint fails (`dev\_kok\_sport`.`football\_tlive\_t`, CONSTRAINT `直播tlive比赛关联` FOREIGN KEY (`match\_id`) REFERENCES `football\_match\_t` (`id`) ON DELETE SET NULL ON UPDATE SET NULL)",

"stackTrace": [],

"suppressedExceptions": []

},

"stackTrace": [],

"suppressedExceptions": []

}