

MySQL Programmierung

Prozedur erstellen und aufrufen

```
DELIMITER $$  
CREATE PROCEDURE `test`.`hello_world` ( par_name VARCHAR(32) )  
BEGIN  
SELECT CONCAT('Hello ', par_name);  
END$$  
  
CALL hello_world('Jonas');
```

Variablen

```
DECLARE var_output, var_name VARCHAR(128);  
SELECT test_name INTO var_name FROM test_table WHERE test_id = par_id;  
SET var_output = concat('Hello ', var_name);  
SELECT var_output;
```

If-Abfragen

```
IF var_name IS NULL THEN  
SET var_name = 'Unbekannter';  
END IF;
```

Cursor

```
DECLARE var_col1, var_done INT DEFAULT 0;
DECLARE myCursor CURSOR FOR SELECT table1.col1 FROM table1;
DECLARE CONTINUE HANDLER FOR NOT FOUND SET var_done = 1;
SET var_done = 0;
OPEN myCursor;
FETCH NEXT FROM myCursor INTO var_col1;
WHILE NOT var_done DO
UPDATE table2 SET table2.col2 = 0 WHERE table2.col1 = var_col1;
SET var_done = 0;
FETCH myCursor INTO var_col1;
END WHILE;
CLOSE myCursor;
```

Trigger

```
DELIMITER $$
CREATE TRIGGER trig_user_delete
BEFORE DELETE ON user
FOR EACH ROW
BEGIN
DELETE FROM posts where user_id = OLD.id;
END$$
```

Events

```
CREATE EVENT cleanup_event ON SCHEDULE EVERY 1 DAY DO call cleanup();
```