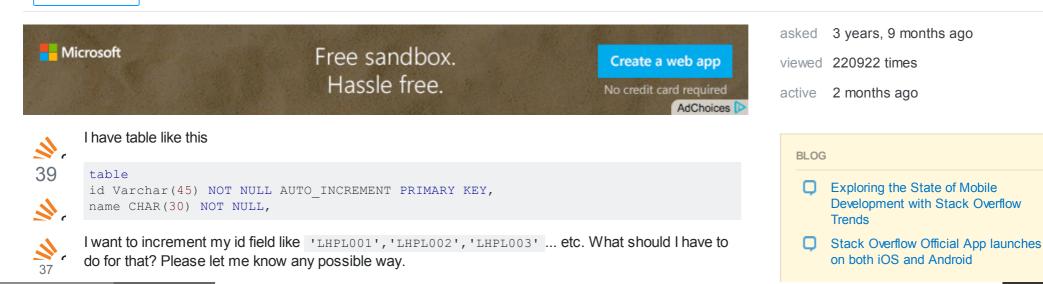


How to make MySQL table primary key auto increment with some prefix

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@DevishOne The answers on your posted Duplicate are totally 100% useless! - JasonDavis Oct 1 '14 at 3:57

@DevishOne I can't imagine why you said it's a duplicate! :D - Kasun Randika Feb 10 '16 at 17:05

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3 Answers

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If you really need this you can achieve your goal with help of separate table for sequencing (if you don't mind) and a trigger.

Tables





```
CREATE TABLE table1 seq
  id INT NOT NULL AUTO INCREMENT PRIMARY KEY
CREATE TABLE table1
  id VARCHAR(7) NOT NULL PRIMARY KEY DEFAULT '0', name VARCHAR(30)
);
```

Now the trigger

```
DELIMITER $$
CREATE TRIGGER tg table1 insert
BEFORE INSERT ON table1
FOR EACH ROW
BEGIN
  INSERT INTO table1 seg VALUES (NULL);
 SET NEW.id = CONCAT('LHPL', LPAD(LAST INSERT ID(), 3, '0'));
END$$
DELIMITER ;
```



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Auto increment that starts with characters in phpmyadmin

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Then you just insert rows to table1

```
INSERT INTO Table1 (name)
VALUES ('Jhon'), ('Mark');
```

And you'll have

```
ID | NAME |
| LHPL001 | Jhon |
| LHPL002 | Mark |
```

Here is **SQLFiddle** demo

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answered Jul 27 '13 at 4:26



62.2k 5 79 90

Excellent, it works like a charm – josemaria Jul 3 '15 at 9:10

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Create a table with a normal numeric auto_increment ID, but either define it with ZEROFILL, or use LPAD to add zeroes when selecting. Then CONCAT the values to get your intended behavior. Example:



create table so (id int(3) unsigned zerofill not null auto increment primary key, name varchar(30) not null

Is it possible users can get same unique generated ID at the same time?

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varchar and auto increment togetter

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mysql unlimited primary keys auto increment

Get the new record primary key ID from mysgl

```
insert into so set name = 'John';
insert into so set name = 'Mark';
select concat('LHPL', id) as id, name from so;
+----+
| LHPL001 | John |
| LHPL002 | Mark |
+----+
```

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answered Mar 2 '15 at 21:56



11.2k 24 93 189

Initially I was thinking of storing the LHPL as a separate column then concat it by concat(col1,col2) but then it will be a pain in the S when someday I need to change the LHPL. So I guess I will be doing it in the program server side. - 4 Leave Cover Feb 16 at 8:19

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I know it is late but I just want to share on what I have done for this. I'm not allowed to add another table or trigger so I need to generate it in a single query upon insert. For your case, can you try this query.



```
CREATE TABLE YOURTABLE (
IDNUMBER VARCHAR (7) NOT NULL PRIMARY KEY,
ENAME VARCHAR(30) not null
);
```

Perform a select and use this select query and save to the parameter @IDNUMBER

```
(SELECT IFNULL
    (CONCAT ('LHPL', LPAD (
      (SUBSTRING INDEX
       (MAX(`IDNUMBER`), 'LHPL',-1) + 1), 5, '0')), 'LHPL001')
   AS 'IDNUMBER' FROM YOURTABLE ORDER BY `IDNUMBER` ASC)
```

And then Insert query will be:

insert query?

Get the auto increment-primary key column programatically

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-1

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```
INSERT INTO YOURTABLE (IDNUMBER, ENAME) VALUES
(@IDNUMBER, 'EMPLOYEE NAME');
```

The result will be the same as the other answer but the difference is, you will not need to create another table or trigger. I hope that I can help someone that have a same case as mine.

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edited Mar 10 at 5:39

answered Mar 10 at 2:37



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protected by Community • Jan 12 '15 at 7:30

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