

Factorial in psql

This screenshot shows the MySQL Workbench interface with the 'factorial1 - Routine' editor open. The DDL for the routine is as follows:

```
3 declare n int(4);
4 declare fac, i int(4);
5 set i=1,n=4,fac=1;
6 while(i<=n) do set fac=fac*i;
7   set i=i+1;
8 end while;
9 select fac;
10
11 END
```

The 'Output' pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
1	14:41:29	Apply changes to addition1	Changes applied	
2	14:41:48	call addition1()	1 row(s) returned	0.000 sec / 0.000 sec
3	14:49:36	Apply changes to factorial1	Changes applied	
4	14:50:38	call factorial1()	1 row(s) returned	0.015 sec / 0.000 sec

This screenshot shows the MySQL Workbench interface with the 'factorial1 - Routine' editor open. The query is:

```
1 • call factorial1();
```

The 'Result Grid' shows the output of the query:

fac
24

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2	14:41:48	call addition1()	1 row(s) returned	0.000 sec / 0.000 sec
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