

Comma separated list in SQL

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How to loop through comma separated list in SQL? I have a list of ID's and I need to pass these ID's to a stored procedure. I CANNOT alter the stored procedure. I need to figure out how to execute the SP for each id. Give me some ideas, I can carry on from there.



Thanks.

10

sql



sql-server

sql-server-2008

edited Apr 5 '12 at 15:50



Yuck

38.9k

13

93

124

asked Apr 5 '12 at 15:38



Virus

1,877

6

20

39

- 2 Do you want to call the stored procedure for EACH ID separately? What language are you working outside of SQL? – [n8wrl](#) Apr 5 '12 at 15:40

If you can't alter the stored, why not call it multiple times? – [Soader03](#) Apr 5 '12 at 15:40

- 1 What version of SQL Server? – [Yuck](#) Apr 5 '12 at 15:41

SQL Server 2008-ves I want to call the stored procedure for

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1 Answer



74



```

declare @S varchar(20)
set @S = '1,2,3,4,5'

while len(@S) > 0
begin
    --print Left(@S, charindex(',', @S+',')-1)
    exec YourSP left(@S, charindex(',', @S+',')-1)
    set @S = stuff(@S, 1, charindex(',', @S+','), '')
end

```

Try on SE Data: [Walk the string](#)

edited Aug 29 '17 at 12:54



Cœur

20.3k 10 119 159

answered Apr 5 '12 at 15:48



Mikael Eriksson

118k 19 161 234

That is quick! thank you! – [Virus](#) Apr 5 '12 at 15:521 +1 for the link. Bookmarked :) – [Ash Burlaczenko](#) Apr 5 '12 at 15:521 +1 for link. Very cool – [brian](#) Apr 5 '12 at 17:44Saved My day.Thanks..! – [grv_9098](#) Jun 24 '13 at 11:33 1 This is perfect! Thanks! – [user790995](#) Mar 12 '15 at 15:23Join **Stack Overflow** to learn, share knowledge, and build your career.

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