

VelocityCommaIfNeeded

How can I easily create a comma separated list of items?

I first ran into this problem while using Velocity to create SQL statements. The comma separated list of Table Columns can not have a trailing comma.

To VM_global_library.vm add the **commaIfNeeded** macro:

```
#####
## Add commas in a comma separated list to all items but the last
## Param: $index - pass in $velocityCount
## Param: $list - pass in your velocity list variable
#####
#macro(commaIfNeeded $index $list)
#set ( $lastone = $list.Count - 1 )
#if( $index <= $lastone ),
#else

#end
#end
```

Use the **commaIfNeeded** Macro to create a comma separated list:

```
#foreach ($column in ${Table.ColumnList})
    p_${column.Name} IN "${Table.Name}"."${column.Name}"%Type#commaIfNeeded( $velocityCount  ${Table.ColumnList} )
#end
```