#forcol directive

This directive is designed only for the OpenDocument Spreadsheet, Microsoft Word document (DOCX), Microsoft PowerPoint presentation (PPTX), and Microsoft Excel Spreadsheet (*XLSX*) templates. This directive allows loops over the column.

	A	B	C
1	#forcol($uc in $UseCase)	$uc.name	#endcol
2			

Based on the example shown in figure above, the engine will generate a report with different columns for each Use Case name. The output from this example will appear as shown in the figure below:

	A	B	C	D
1	Use Case A	Use Case B	Use Case C	Use Case D
2				

You can combine both **#forrow** and **#forcol,** and produce a more complex output report (see figure below).

	A	B	C
1	#forrow($p in $Package)	#forcol($e in $p.ownedElement)$e.name#endcol	#endrow

In the figure below, the output generated from the Magic Library sample project is shown.

	A	B	C	D	E	F
1	Domain Analysis	Diagram Loan Collaboration	Diagram Loa▶	Diagram Obj◀	Dependency	Dependenc
2	conceptual perspective					
3	Implementation	Node Remote Web Client	Node Remote◀	Artifact Intern▶	Artifact Magi▶	Artifact Ma
4	High Level Domain Analysis	Diagram conceptualPerspective1	Diagram con▶	Class Penalt▶	Association i▶	Associatio
5	collaboration	Collaboration Loan Library Item				
6	Analysis and Design	Diagram Analysis and Design	Package Hig▶	Package Dor▶	Package Dor▶	Package T
7	object diagram	Instance Specification	Instance Spe▶	Instance Spe▶	Instance Spe▶	Instance S
8	Technical Design	Diagram domain.user	Diagram dom▶	Diagram dom▶	Diagram Ma▶	Package N
9	MagicLibrary	Instance Specification	Class Library▶	Class Books	Class Video▶	Class Audi
10	Domain Design	Diagram Package Dependencies	Diagram Imp▶	Dependency	Dependency	Package In
11	composite structure	Collaboration Loan	Class Partici▶	Collaboration	ReadingItem	Loan
12						