

#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 Loan	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	Association
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 <u>domain user</u>	Diagram dom	Diagram dom	Diagram Map	Package N
9	<u>MagicLibrary</u>	Instance Specification	Class <u>Library</u>	Class Books	Class <u>Video</u>	Class Audi
10	Domain Design	Diagram Package Dependencies	Diagram Imp	Dependency	Dependency	Package In
11	composite structure	Collaboration Loan	Class Partici	Collaboration	<u>ReadingItem</u>	Loan
12						