## Tables

Another [type](type.docx) of block-level content in WordprocessingML, a [table](table.docx) is a set of paragraphs (and other block-level content) arranged in rows and columns. Tables in WordprocessingML are defined via the tbl element, which is analogous to the HTML <[table](table.docx)> tag. The [table](table.docx) element specifies the location of a [table](table.docx) present in the document.

A tbl element (§) has two elements that define its properties:

* [tblPr](tblPr.docx) (§), which defines the set of table-wide properties (such as style and width)
* [tblGrid](tblGrid.docx) (§), which defines the grid layout of the table.

A tbl element can also contain an arbitrary non-zero number of rows, where each row is specified with a [tr](tr.docx) element (§). Each [tr](tr.docx) element can contain an arbitrary non-zero number of cells, where each cell is specified with a [tc](tc.docx) element (§).

[Example: Consider an empty one-cell [table](table.docx) (i.e.; a [table](table.docx) with one row, one column) and 1 point borders on all sides as follows:

|  |
| --- |
|  |

This [table](table.docx) is represented by the following WordprocessingML:

<w:[tbl](tbl.docx)>
 <w:[tblPr](tblPr.docx)>
 <w:[tblW](tblW.docx) w:[w](w.docx)="5000" w:[type](type.docx)="pct"/>
 <w:[tblBorders](tblBorders.docx)>
 <w:top w:val="single" w:[sz](sz.docx)="4" w:space="0" w:[color](color.docx)="auto"/>
 <w:left w:val="single" w:[sz](sz.docx)="4 w:space="0" w:[color](color.docx)="auto"/>
 <w:bottom w:val="single" w:[sz](sz.docx)="4" w:space="0" w:[color](color.docx)="auto"/>
 <w:right w:val="single" w:[sz](sz.docx)="4" w:space="0" w:[color](color.docx)="auto"/>
 </w:[tblBorders](tblBorders.docx)>
 </w:[tblPr](tblPr.docx)>
 <w:[tblGrid](tblGrid.docx)>
 <w:[gridCol](gridCol.docx) w:[w](w.docx)="10296"/>
 </w:[tblGrid](tblGrid.docx)>
 <w:[tr](tr.docx)>
 <w:[tc](tc.docx)>
 <w:[tcPr](tcPr.docx)>
 <w:[tcW](tcW.docx) w:[w](w.docx)="0" w:[type](type.docx)="auto"/>
 </w:[tcPr](tcPr.docx)>
 <w:[p](p.docx)/>
 </w:[tc](tc.docx)>
 </w:[tr](tr.docx)>
</w:[tbl](tbl.docx)>

This [table](table.docx) specifies table-wide properties of 100% of page width using the [tblW](tblW.docx) element and the set of [table](table.docx) borders using the [tblBorders](tblBorders.docx) element, the [table](table.docx) grid which defines a set of shared vertical edges within the [table](table.docx) using the [tblGrid](tblGrid.docx) element, and a single row using the [tr](tr.docx) element. end example]