

## Setting up table definitions



pp. 718–722

Tables use several different element types, each of which is required for a correctly structured table. To define structured tables, you need the element types shown in Table 3.

**Table 3:** Table element types

Element type	Contains what element types
Table	TableTitle, TableHeading, TableBody, TableFooting
TableTitle	Any except table elements
TableHeading	TableRow
TableBody	TableRow
TableFooting	TableRow
TableRow	TableCell
TableCell	Any except table elements



table

To set up table definitions, follow these steps:

- 1 Create a new element named Table.
- 2 Underneath the Tag element, specify that this should be a **Table** element type.
- 3 Specify the following as the general rule:  
`TableTitle?, TableHeading?, TableBody, TableFooting?`  
 Figure 22 shows the completed element definition.



**Figure 22:** Table element definition

- 4 Add the Table element to the Section element's general rule. Your Section general rule should now read as follows:

```
Title, Para, (Para | UnorderedList | OrderedList | Note | Caution | Warning | Table) +,
Section*
```

- 5 Create a TableTitle element. Use the **TableTitle** element type and specify the following as the general rule:

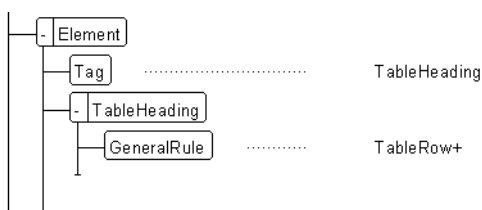
```
<TEXT>, TableContinuation
```

Figure 23 shows the completed element definition.



**Figure 23:** TableTitle element definition

- 6 Create a TableHeading element. Use the **TableHeading** element type and specify TableRow + as the general rule. Figure 24 shows the completed definition.



**Figure 24:** TableHeading element definition

- 7 Create TableFooting and TableBody elements, using the corresponding element types. Use the same general rule as TableHeading.

**NOTE:** You could copy and paste the TableHeading element and make a few changes to accomplish this step.

- 8 Create a TableRow element that uses the **TableRow** element type. For the general rule, use TableCell+.
- 9 Create a TableCell element that uses the **TableCell** element type. For the general rule, use the following:

```
Title?, (Para | OrderedList | UnorderedList | Note | Caution |
Warning)*
```



**10** Save `techedd.fm`.

You still need to define the `TableContinuation` element, which uses a system variable. After completing that process in the next chapter, you'll be ready to check your work on table elements.