

EventTools and CSS

EventTools generates plain HTML. Formatting is done via Cascading Style Sheets (CSS) only, not in the EventTools PHP code.

This note describes conventions in the EventTools HTML that can be useful as you define CSS to do desired formatting.

Design Goals

1. EventTools output should co-exist with other structures on HTML pages. Since EventTools doesn't generate pages, but rather pieces to put inside other pages, this allows you to format EventTools output separately from the rest of the page.
2. You might want to have multiple EventTools tables on the same page, formatted differently. This can be done via local CSS, but we want to enable a more global approach through a naming structure.

EventTools CSS naming structure

EventTools gives names to many elements in its output. The convention matches up with the design goal:

1. Event name starts with “et-” to distinguish EventTools-specific ones from everything else
2. The 2nd element is an abbreviation for the routine which wrote the table
3. The 3rd is the type
4. The 4th is an element identifier.

Example: A column in a table

et-faobd-col-owner

“et” starts all EventTools names

“faobd” is from the writing routine: format_all_ops_by_day

“col” means this is a column element

“owner” is the specific column

Example: A particular cell class

et-faobd-cell-owner

“et” starts all EventTools names

“faobd” is from the writing routine: format_all_ops_by_day

“cell” means this is a column element

“owner” is the specific column

Remember the general rule: any style on a row or cell overrules a column style.

Spans within a cell don't change the visibility of the cell; those outside do.

We therefore use row and column spans on each cell, with the row inside the column.

Specifics:

Note that not all HTML output fully conforms to this yet; we're working it!

Table structure:

In addition to the `<table>` tag, we provide `<thead>`, `<tbody>` and `<tfoot>` tags in case you want to provide e.g. scrolling support with fixed header and footer.

Columns:

Neither “display” nor “visibility” seem to make a column go away.

The first of these lines works; the next two don't:

```
.et-faobd-col-3 { background: #808080; }
```

```
.et-faobd-col-3 { display: none; }
```

```
.et-faobd-col-3 { visibility: collapse; }
```

To fix this, we provide spans on the elements: `et-faobd-th-3` and `et-faobd-td-3`, so you can turn off a column with:

```
.et-faobd-th-4 { display: none; }
```

```
.et-faobd-td-4 { display: none; }
```

Rows:

We provide CSS support for coloring rows alternately via:

```
<tr class=et-faobd-th"> (for the heading)
```

```
<tr>
```

```
<tr class="altrow">
```

```
<tr>
```

so you can e.g. apply colors to alternating rows.

Cells:

Sometimes you want to color by status, etc. We therefore provide (for cells where that's useful) spans like:

```
<span class="et-faobd-session-status-60">
```

inside the cell itself.