**Overheard on the forum**

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AJ: Okay, I get we're going to make the grid out of a <table> element, and we're going to somehow do it programmatically using JavaScript. But what exactly does that mean, and why aren't we just typing the markup in?

Bill: You don't want to type it in by hand, that would require typing hundreds of table elements. Not only would it take forever, that sounds very error prone!

Sarah: We are programmers; there's no reason to type all that in. We can do it with JavaScript DOM methods, like document.createElement() and then create the <table> element and all the <tr> elements for the table rows and the <td> elements for the table cells with code.

AJ: Okay, I think I get it, sorta. So if we know how big the grid is, we can just step through the rows and columns and use the DOM methods to create the various elements we need?

Sarah: Right. More precisely, you'd use createElement() to create each element and the appendElement() method to add them to the DOM.

Bill: Don't forget too, we'll need to figure out how to use the CSS classes we've already set up.

Sarah: I don't think it'll be too bad. We should really think through everything we need before we jump into the code. That way we'll have no surprises.

AJ: That works for me!