Compact number formatting in Javascript

As a web developer you often want numbers to be formatted as compact as possible in order to have a clean looking UI. Numbers like 2.23M and 2.6K look more consistent than 2230000 and 2600. Thus, it’s hard to find differently formatted numbers in social media and other areas of the web. To format numbers in this particular way isn’t hard though.

Using the widely supported Javascript Intl (Internationalization API), the code to achieve compact numbers looks like this:

const formatter = Intl.NumberFormat(“en”, { notation: “compact” });

const formattedNumber = formatter.format(number);

# Now that you know, you can shrink your formatter code from approximately 100 lines or more containing horrifically long if statements to two lines of readable code. Thank me later.

# Sources

* <https://www.youtube.com/watch?v=FUngCjDzFDo&list=WL&index=1>
* <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Intl>