

Figuring out the ORP

According to the official scriptz documentation :

The ORP is only in the middle of a 3-letter word. As the length of a word increases, the percentage that the ORP shifts to the left of center also increases. The longer the word, the farther to the left of center your eyes must move to locate the ORP.

Actual official function of the spritz is not given anywhere so we have to understand the concept and make our own function to detect the ORP. So, we have to find that ORP position according to this:

What i observed is the orp depends upon the word length and is affected by word length and the deviation from the word length if greater than 3. So we try to keep the word length relative to 3 because orp of 3-letter word is its center.

So ORP Position is :

ORP index = starting index of the word(usually 0) + floor(word length / 3)

It is giving 80-85% of the exact same results the ORP of Spritz is giving:

```
function processWord(word) {
    var center = Math.floor(word.length / 3),
        letters = word.split('');
    return letters.map(function(letter, idx) {
        if (idx === center)
            return '<span class="highlight">' + letter + '</span>';
        return letter;
    }).join('');
}

function positionWord() {
    var wordEl = el.firstElementChild,
        highlight = wordEl.firstElementChild;

    var centerOffsetX = (highlight.offsetWidth / 2) + highlight.offsetLeft,
        centerOffsetY = (highlight.offsetHeight / 2) + highlight.offsetTop;

    wordEl.style.left = ((el.clientWidth / 2) - centerOffsetX) + 'px';
    wordEl.style.top = ((el.clientHeight / 2) - centerOffsetY) + 'px';
}
```