

JavaScript animated scrollTo

JavaScript easing Scroll to Element, ohne großes Framework.

 [animatedScrollTo.js \(/code/animatedScrollTo.js?mode=download\)](https://code/animatedScrollTo.js?mode=download) JavaScript (981 Bytes) 17.04.2014 11:03

```
window.requestAnimationFrame = (function() {
    return window.requestAnimationFrame ||
           window.webkitRequestAnimationFrame ||
           window.mozRequestAnimationFrame ||
           function(callback) {
               window.setTimeout(callback, 1000 / 60);
           };
})();

function animateScrollTo(id) {
    var node = document.getElementById(id);
    if (node) {
        var to = 0;
        var from = window.pageYOffset;
        do {
            to += node.offsetTop;
        } while (node = node.offsetParent);
        // from += node.offsetParent ? node.offsetParent.scrollTop : 0;
        node = node.offsetParent;
        if (from == to) return;
        var start = Date.now();
        var tick = function() {
            var t = Math.min(1, ((Date.now() - start) / 1000));
            var eased = t < .5 ? 4*t*t*t : (t-1)*(2*t-2)*(2*t-2)+1;
            var val = (eased * (to - from)) + from;
            window.scrollTo(0, val);
            if (t < 1) {
                window.requestAnimationFrame(tick);
            }
        };
        tick();
    }
}
```

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