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\* jQuery EasIng v1.1.2 - http://gsgd.co.uk/sandbox/jquery.easIng.php

\*

\* Uses the built In easIng capabilities added In jQuery 1.1

\* to offer multiple easIng options

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// t: current time, b: begInnIng value, c: change In value, d: duration

jQuery.extend( jQuery.easing,

{

easeInQuad: function (x, t, b, c, d) {

return c\*(t/=d)\*t + b;

},

easeOutQuad: function (x, t, b, c, d) {

return -c \*(t/=d)\*(t-2) + b;

},

easeInOutQuad: function (x, t, b, c, d) {

if ((t/=d/2) < 1) return c/2\*t\*t + b;

return -c/2 \* ((--t)\*(t-2) - 1) + b;

},

easeInCubic: function (x, t, b, c, d) {

return c\*(t/=d)\*t\*t + b;

},

easeOutCubic: function (x, t, b, c, d) {

return c\*((t=t/d-1)\*t\*t + 1) + b;

},

easeInOutCubic: function (x, t, b, c, d) {

if ((t/=d/2) < 1) return c/2\*t\*t\*t + b;

return c/2\*((t-=2)\*t\*t + 2) + b;

},

easeInQuart: function (x, t, b, c, d) {

return c\*(t/=d)\*t\*t\*t + b;

},

easeOutQuart: function (x, t, b, c, d) {

return -c \* ((t=t/d-1)\*t\*t\*t - 1) + b;

},

easeInOutQuart: function (x, t, b, c, d) {

if ((t/=d/2) < 1) return c/2\*t\*t\*t\*t + b;

return -c/2 \* ((t-=2)\*t\*t\*t - 2) + b;

},

easeInQuint: function (x, t, b, c, d) {

return c\*(t/=d)\*t\*t\*t\*t + b;

},

easeOutQuint: function (x, t, b, c, d) {

return c\*((t=t/d-1)\*t\*t\*t\*t + 1) + b;

},

easeInOutQuint: function (x, t, b, c, d) {

if ((t/=d/2) < 1) return c/2\*t\*t\*t\*t\*t + b;

return c/2\*((t-=2)\*t\*t\*t\*t + 2) + b;

},

easeInSine: function (x, t, b, c, d) {

return -c \* Math.cos(t/d \* (Math.PI/2)) + c + b;

},

easeOutSine: function (x, t, b, c, d) {

return c \* Math.sin(t/d \* (Math.PI/2)) + b;

},

easeInOutSine: function (x, t, b, c, d) {

return -c/2 \* (Math.cos(Math.PI\*t/d) - 1) + b;

},

easeInExpo: function (x, t, b, c, d) {

return (t==0) ? b : c \* Math.pow(2, 10 \* (t/d - 1)) + b;

},

easeOutExpo: function (x, t, b, c, d) {

return (t==d) ? b+c : c \* (-Math.pow(2, -10 \* t/d) + 1) + b;

},

easeInOutExpo: function (x, t, b, c, d) {

if (t==0) return b;

if (t==d) return b+c;

if ((t/=d/2) < 1) return c/2 \* Math.pow(2, 10 \* (t - 1)) + b;

return c/2 \* (-Math.pow(2, -10 \* --t) + 2) + b;

},

easeInCirc: function (x, t, b, c, d) {

return -c \* (Math.sqrt(1 - (t/=d)\*t) - 1) + b;

},

easeOutCirc: function (x, t, b, c, d) {

return c \* Math.sqrt(1 - (t=t/d-1)\*t) + b;

},

easeInOutCirc: function (x, t, b, c, d) {

if ((t/=d/2) < 1) return -c/2 \* (Math.sqrt(1 - t\*t) - 1) + b;

return c/2 \* (Math.sqrt(1 - (t-=2)\*t) + 1) + b;

},

easeInElastic: function (x, t, b, c, d) {

var s=1.70158;var p=0;var a=c;

if (t==0) return b; if ((t/=d)==1) return b+c; if (!p) p=d\*.3;

if (a < Math.abs(c)) { a=c; var s=p/4; }

else var s = p/(2\*Math.PI) \* Math.asin (c/a);

return -(a\*Math.pow(2,10\*(t-=1)) \* Math.sin( (t\*d-s)\*(2\*Math.PI)/p )) + b;

},

easeOutElastic: function (x, t, b, c, d) {

var s=1.70158;var p=0;var a=c;

if (t==0) return b; if ((t/=d)==1) return b+c; if (!p) p=d\*.3;

if (a < Math.abs(c)) { a=c; var s=p/4; }

else var s = p/(2\*Math.PI) \* Math.asin (c/a);

return a\*Math.pow(2,-10\*t) \* Math.sin( (t\*d-s)\*(2\*Math.PI)/p ) + c + b;

},

easeInOutElastic: function (x, t, b, c, d) {

var s=1.70158;var p=0;var a=c;

if (t==0) return b; if ((t/=d/2)==2) return b+c; if (!p) p=d\*(.3\*1.5);

if (a < Math.abs(c)) { a=c; var s=p/4; }

else var s = p/(2\*Math.PI) \* Math.asin (c/a);

if (t < 1) return -.5\*(a\*Math.pow(2,10\*(t-=1)) \* Math.sin( (t\*d-s)\*(2\*Math.PI)/p )) + b;

return a\*Math.pow(2,-10\*(t-=1)) \* Math.sin( (t\*d-s)\*(2\*Math.PI)/p )\*.5 + c + b;

},

easeInBack: function (x, t, b, c, d, s) {

if (s == undefined) s = 1.70158;

return c\*(t/=d)\*t\*((s+1)\*t - s) + b;

},

easeOutBack: function (x, t, b, c, d, s) {

if (s == undefined) s = 1.70158;

return c\*((t=t/d-1)\*t\*((s+1)\*t + s) + 1) + b;

},

easeInOutBack: function (x, t, b, c, d, s) {

if (s == undefined) s = 1.70158;

if ((t/=d/2) < 1) return c/2\*(t\*t\*(((s\*=(1.525))+1)\*t - s)) + b;

return c/2\*((t-=2)\*t\*(((s\*=(1.525))+1)\*t + s) + 2) + b;

},

easeInBounce: function (x, t, b, c, d) {

return c - jQuery.easing.easeOutBounce (x, d-t, 0, c, d) + b;

},

easeOutBounce: function (x, t, b, c, d) {

if ((t/=d) < (1/2.75)) {

return c\*(7.5625\*t\*t) + b;

} else if (t < (2/2.75)) {

return c\*(7.5625\*(t-=(1.5/2.75))\*t + .75) + b;

} else if (t < (2.5/2.75)) {

return c\*(7.5625\*(t-=(2.25/2.75))\*t + .9375) + b;

} else {

return c\*(7.5625\*(t-=(2.625/2.75))\*t + .984375) + b;

}

},

easeInOutBounce: function (x, t, b, c, d) {

if (t < d/2) return jQuery.easing.easeInBounce (x, t\*2, 0, c, d) \* .5 + b;

return jQuery.easing.easeOutBounce (x, t\*2-d, 0, c, d) \* .5 + c\*.5 + b;

}

});