

```

/**
 * Skipped minification because the original file appears to be already minified.
 * Original file: /npm/chart.js@4.4.0/dist/chart.umd.js
 *
 * Do NOT use SRI with dynamically generated files! More information:
https://www.jsdelivr.com/using-sri-with-dynamic-files
 */
/*!
 * Chart.js v4.4.0
 * https://www.chartjs.org
 * (c) 2023 Chart.js Contributors
 * Released under the MIT License
 */
!function(t,e){"object"===typeof exports&&"undefined"!==typeof module?
module.exports=e():"function"===typeof define&&define.amd?define(e):
(t="undefined"!==typeof globalThis?globalThis:t||self).Chart=e()}(this,(function()
{"use strict";var t=Object.freeze({__proto__:null,get Colors(){return Go},get
Decimation(){return Qo},get Filler(){return ma},get Legend(){return ya},get
SubTitle(){return ka},get Title(){return Ma},get Tooltip(){return Ba}});function
e(){}const i=(()=>{let t=0;return()=>t++})();function s(t){return null==t}function
n(t){if(Array.isArray&&Array.isArray(t))return!0;const
e=Object.prototype.toString.call(t);return"
[object"===e.slice(0,7)&&"Array]"===e.slice(-6)}function o(t){return null!==t&&"
[object Object]"===Object.prototype.toString.call(t)}function a(t)
{return("number"===typeof t||t instanceof Number)&&isFinite(+t)}function r(t,e)
{return a(t)?t:e}function l(t,e){return void 0===t?t:e}const h=
(t,e)=>"string"===typeof t&&t.endsWith("%")?parseFloat(t)/100:+t/e,c=
(t,e)=>"string"===typeof t&&t.endsWith("%")?parseFloat(t)/100*e:+t;function d(t,e,i)
{if(t&&"function"===typeof t.call)return t.apply(i,e)}function u(t,e,i,s){let
a,r,l;if(n(t))if(r=t.length,s)for(a=r-1;a>=0;a--)e.call(i,t[a],a);else
for(a=0;a<r;a++)e.call(i,t[a],a);else
if(o(t))for(l=Object.keys(t),r=l.length,a=0;a<r;a++)e.call(i,t[l[a]],l[a])}function
f(t,e){let
i,s,n,o;if(!t||!e||t.length!==e.length)return!1;for(i=0,s=t.length;i<s;++i)if(n=t[i
],o=e[i],n.datasetIndex!==o.datasetIndex||n.index!==o.index)return!1;return!0}funct
ion g(t){if(n(t))return t.map(g);if(o(t)){const
e=Object.create(null),i=Object.keys(t),s=i.length;let
n=0;for(;n<s;++n)e[i[n]]=g(t[i[n]]);return e}return t}function p(t){return-1===
["__proto__","prototype","constructor"].indexOf(t)}function m(t,e,i,s)
{if(!p(t))return;const n=e[t],a=i[t];o(n)&&o(a)?b(n,a,s):e[t]=g(a)}function
b(t,e,i){const s=n(e)?e:[e],a=s.length;if(!o(t))return t;const r=(i=i||
{}).merger||m;let l;for(let e=0;e<a;++e){if(l=s[e],!o(l))continue;const
n=Object.keys(l);for(let e=0,s=n.length;e<s;++e)r(n[e],t,l,i)}return t}function
x(t,e){return b(t,e,{merger:_})}function _(t,e,i){if(!p(t))return;const
s=e[t],n=i[t];o(s)&&o(n)?x(s,n):Object.prototype.hasOwnProperty.call(e,t)||
(e[t]=g(n))}const y={"":t=>t,x:t=>t.x,y:t=>t.y};function v(t){const
e=t.split("."),i=[];let s="";for(const t of e)s+=t,s.endsWith("\\")?
s=s.slice(0,-1)+".":(i.push(s),s="");return i}function M(t,e){const i=y[e]||
(y[e]=function(t){const e=v(t);return t=>{for(const i of e)
{if("==="i)break;t=t&&t[i]}return t}}(e));return i(t)}function w(t){return
t.charAt(0).toUpperCase()+t.slice(1)}const k=t=>void 0!==t,S=t=>"function"===typeof
t,P=(t,e)=>{if(t.size!==e.size)return!1;for(const i of
t)if(!e.has(i))return!1;return!0};function D(t)
{return"mouseup"===t.type||"click"===t.type||"contextmenu"===t.type}const
C=Math.PI,O=2*C,A=O+C,T=Number.POSITIVE_INFINITY,L=C/180,E=C/2,R=C/4,I=2*C/3,z=Math
.log10,F=Math.sign;function V(t,e,i){return Math.abs(t-e)<i}function B(t){const
e=Math.round(t);t=V(t,e,t/1e3)?e:t;const
```

```

i=Math.pow(10,Math.floor(z(t))),s=t/i;return(s<=1?1:s<=2?2:s<=5?5:10)*i}function
W(t){const e=[],i=Math.sqrt(t);let s;for(s=1;s<i;s++)t%s==0&&
(e.push(s),e.push(t/s));return i==(0|i)&&e.push(i),e.sort(((t,e)=>t-
e)).pop(),e}function N(t){return!isNaN(parseFloat(t))&&isFinite(t)}function H(t,e)
{const i=Math.round(t);return i-e<=t&&i+e>=t}function j(t,e,i){let
s,n,o;for(s=0,n=t.length;s<n;s++)o=t[s][i],isNaN(o)||
(e.min=Math.min(e.min,o),e.max=Math.max(e.max,o))}function $(t){return t*
(C/180)}function Y(t){return t*(180/C)}function U(t){if(!a(t))return;let
e=1,i=0;for(;Math.round(t*e)/e!==t;)e*=10,i++;return i}function X(t,e){const i=e.x-
t.x,s=e.y-t.y,n=Math.sqrt(i*i+s*s);let o=Math.atan2(s,i);return o<-.5*C&&(o+=O),
{angle:o,distance:n}}function q(t,e){return Math.sqrt(Math.pow(e.x-
t.x,2)+Math.pow(e.y-t.y,2))}function K(t,e){return(t-e+A)%O-C}function G(t)
{return(t%O+O)%O}function Z(t,e,i,s){const n=G(t),o=G(e),a=G(i),r=G(o-n),l=G(a-
n),h=G(n-o),c=G(n-a);return n===o||n===a||s&&o===a||r>l&&h<c}function J(t,e,i)
{return Math.max(e,Math.min(i,t))}function Q(t){return J(t,-32768,32767)}function
tt(t,e,i,s=1e-6){return t>=Math.min(e,i)-s&&t<=Math.max(e,i)+s}function et(t,e,i)
{i=i||i>t[i]<e;let s,n=t.length-1,o=0;for(;n-o>1;)s=o+n>>1,i(s)?
o=s:n=s;return{lo:o,hi:n}}const it=(t,e,i,s)=>et(t,i,s?s=>{const n=t[s][e];return
n<i||n===i&&t[s+1][e]===i}:s>t[s][e]<i),st=(t,e,i)=>et(t,i,(s>t[s]
[e]>=i));function nt(t,e,i){let s=0,n=t.length;for(;s<n&&t[s]<e;)s++;for(;n>s&&t[n-
1]>i;)n--;return s>0||n<t.length?t.slice(s,n):t}const ot=
["push","pop","shift","splice","unshift"];function at(t,e){t._chartjs?
t._chartjs.listeners.push(e):(Object.defineProperty(t,"_chartjs",
{configurable:!0,enumerable:!1,value:{listeners:[e]}}),ot.forEach((e=>{const
i="_onData"+w(e),s=t[e];Object.defineProperty(t,e,
{configurable:!0,enumerable:!1,value(...e){const n=s.apply(this,e);return
t._chartjs.listeners.forEach((t=>{"function"==typeof t[i]&&t[i]
(...e)}),n)}},n)}))}function rt(t,e){const i=t._chartjs;if(!i)return;const
s=i.listeners,n=s.indexOf(e);-1!==n&&s.splice(n,1),s.length>0||ot.forEach((e=>
{delete t[e]})),delete t._chartjs}function lt(t){const e=new Set(t);return
e.size===t.length?t:Array.from(e)}const ht="undefined"==typeof window?function(t)
{return t():window.requestAnimationFrame;function ct(t,e){let i=[],s=!1;return
function(...n){i=n,s||s=!0,ht.call(window,(()=>{s=!1,t.apply(e,i)}))}}function
dt(t,e){let i;return function(...s){return e?
(clearTimeout(i),i=setTimeout(t,e,s)):t.apply(this,s),e}}const
ut=t=>"start"===t?"left":"end"===t?"right":"center",ft=(t,e,i)=>"start"===t?
e:"end"===t?i:(e+i)/2,gt=(t,e,i,s)=>t===(s?"left":"right"?i:"center"===t?
(e+i)/2:e;function pt(t,e,i){const s=e.length;let n=0,o=s;if(t._sorted)
{const{iScale:a,_parsed:r}=t,l=a.axis,
{min:h,max:c,minDefined:d,maxDefined:u}=a.getUserBounds();d&&
(n=J(Math.min(it(r,l,h).lo,i?s:it(e,l,a.getPixelForValue(h)).lo),0,s-1)),o=u?
J(Math.max(it(r,a.axis,c,!0).hi+1,i?0:it(e,l,a.getPixelForValue(c),!0).hi+1),n,s)-
n:s-n}return{start:n,count:o}}function mt(t)
{const{xScale:e,yScale:i,_scaleRanges:s}=t,n=
{xmin:e.min,xmax:e.max,ymin:i.min,ymax:i.max};if(!s)return
t._scaleRanges=n,!0;const
o=s.xmin!==e.min||s.xmax!==e.max||s.ymin!==i.min||s.ymax!==i.max;return
Object.assign(s,n),o}class bt{constructor(){this._request=null,this._charts=new
Map,this._running=!1,this._lastDate=void 0}_notify(t,e,i,s){const
n=e.listeners[s],o=e.duration;n.forEach((s=>s({chart:t,initial:e.initial,numSteps:o
,currentStep:Math.min(i-e.start,o)})))}_refresh(){this._request||
(this._running=!0,this._request=ht.call(window,(()=>>
{this._update(),this._request=null,this._running&&this._refresh()}))}_update(t=Dat
e.now()){let e=0;this._charts.forEach(((i,s)=>
{if(!i.running||!i.items.length)return;const n=i.items;let o,a=n.length-
1,r=!1;for(;a>=0;--a)o=n[a],o._active?(o._total>i.duration&&
(i.duration=o._total),o.tick(t),r=!0):(n[a]=n[n.length-1],n.pop());r&&
(s.draw(),this._notify(s,i,t,"progress")),n.length||

```

```

i.running=!1,this._notify(s,i,t,"complete"),i.initial=!1),e+=n.length})),this._lastDate=t,0===e&&(this._running=!1)}_getAnims(t){const e=this._charts;let i=e.get(t);return i||(i={running:!1,initial:!0,items:[],listeners:{complete:[],progress:[]}},e.set(t,i)),i}listen(t,e,i){this._getAnims(t).listeners[e].push(i)}add(t,e){e&&e.length&&this._getAnims(t).items.push(...e)}has(t){return this._getAnims(t).items.length>0}start(t){const e=this._charts.get(t);e&&(e.running=!0,e.start=Date.now(),e.duration=e.items.reduce((t,e)=>Math.max(t,e._duration),0),this._refresh())}running(t){if(!this._running)return!1;const e=this._charts.get(t);return!(e&&e.running&&e.items.length)}stop(t){const e=this._charts.get(t);if(!e||!e.items.length)return;const i=e.items;let s=i.length-1;for(;s>0;--s)i[s].cancel();e.items=[]},this._notify(t,e,Date.now(),"complete"))}remove(t){return this._charts.delete(t)}}var xt=new bt;
/*!
 * @kurkle/color v0.3.2
 * https://github.com/kurkle/color#readme
 * (c) 2023 Jukka Kurkela
 * Released under the MIT License
 */function _t(t){return t+.5|0}const yt=(t,e,i)=>Math.max(Math.min(t,i),e);function vt(t){return yt(_t(2.55*t),0,255)}function Mt(t){return yt(_t(255*t),0,255)}function wt(t){return yt(_t(t/2.55)/100,0,1)}function kt(t){return yt(_t(100*t),0,100)}const St={0:0,1:1,2:2,3:3,4:4,5:5,6:6,7:7,8:8,9:9,A:10,B:11,C:12,D:13,E:14,F:15,a:10,b:11,c:12,d:13,e:14,f:15},Pt=[... "0123456789ABCDEF"],Dt=t=>Pt[15&t],Ct=t=>Pt[(240&t)>>4]+Pt[15&t],Ot=t=>(240&t)>>4==(15&t);function At(t){var e=(t=>Ot(t.r)&&Ot(t.g)&&Ot(t.b)&&Ot(t.a))(t)?Dt:Ct;return t?"#"+e(t.r)+e(t.g)+e(t.b)+(t,e)=>t<255?e(t):"")(t.a,e):void 0}const Tt=/^(hsla?|hwb|hsv)\((\s*([+-]e\d+)?(?:deg)?[\s,]+([+-]e\d+)%[\s,]+([+-]e\d+)%(?:[\s,]+([+-]e\d+)%)?)?\s*\)$/;function Lt(t,e,i){const s=e*Math.min(i,1-i),n=(e,n=(e+t/30)%12)=>i-s*Math.max(Math.min(n-3,9-n,1),-1);return[n(0),n(8),n(4)]}function Et(t,e,i){const s=(s,n=(s+t/60)%6)=>i-i*e*Math.max(Math.min(n,4-n,1),0);return[s(5),s(3),s(1)]}function Rt(t,e,i){const s=Lt(t,1,.5);let n;for(e+i>1&&(n=1/(e+i),e*=n,i*=n),n=0;n<3;n++)s[n]*=1-e-i,s[n]+=e;return s}function It(t){const e=t.r/255,i=t.g/255,s=t.b/255,n=Math.max(e,i,s),o=Math.min(e,i,s),a=(n+o)/2;let r,l,h;return n!==(o&&(h=n-o,l=a>.5?h/(2-n-o):h/(n+o),r=function(t,e,i,s,n){return t===n?(e-i)/s+(e<i?6:0):e===n?(i-t)/s+2:(t-e)/s+4})(e,i,s,h,n),r=60*r+.5),[0|r,1|0,a]}function zt(t,e,i,s){return Array.isArray(e)?t(e[0],e[1],e[2]):t(e,i,s).map(Mt)}function Ft(t,e,i){return zt(Lt,t,e,i)}function Vt(t){return(t%360+360)%360}function Bt(t){const e=Tt.exec(t);let i,s=255;if(!e)return;e[5]!==i&&(s=e[6]?Vt(+e[5]):Mt(+e[5]));const n=Vt(+e[2]),o=+e[3]/100,a=+e[4]/100;return i="hwb"===e[1]?function(t,e,i){return zt(Rt,t,e,i)}(n,o,a):"hsv"===e[1]?function(t,e,i){return zt(Et,t,e,i)}(n,o,a):Ft(n,o,a),{r:i[0],g:i[1],b:i[2],a:s}}const Wt={x:"dark",z:"light",y:"re",x:"blu",w:"gr",v:"medium",u:"slate",a:"ee",t:"ol",s:"or",b:"ra",c:"lateg",d:"ights",r:"in",q:"turquoise",e:"hi",p:"ro",o:"al",n:"le",m:"de",l:"yello",f:"en",k:"ch",g:"arks",h:"ea",i:"ightg",j:"wh"},Nt={OiceXe:"f0f8ff",antiquewEte:"faebd7",aqua:"ffff",aquamarRe:"7fffd4",azuY:"f0ffff",beige:"f5f5dc",bisque:"ffe4c4",black:"0",blanKedOmond:"ffeacd",Xe:"ff",XeviTet:"8a2be2",bPwn:"a52a2a",burlywood:"deb887",caMtXe:"5f9ea0",KartYuse:"7fff00",KocTate:"d2691e",cSO:"ff7f50",cSnflowerXe:"6495ed",cSnsilk:"fff8dc",crimson:"dc143c",cyan:"ffff",xXe:"8b",xcyan:"8b8b",xgTMnPd:"b8860b",xWay:"a9a9a9",xgYF:"6400",xgYy:"a9a9a9",xkhaki:"bdb76b",xmagFta:"8b008b",xTivegYF:"556b2f",xSange:"ff8c00",xScEd:"9932cc",xYd:"8b0000",xsOmon:"e9967a",xsHgYF:"8fbc8f",xUXe:"483d8b",xUWay:"2f4f4f",xUgYy:"2f4f4f",xQe:"ced1",xviTet:"9400d3",dAppRk:"ff1493",dAPskYXe:"bfff",dimWay:"696969",dimgYy:"696969",dodgerXe:"1e90ff",fiYbrick:"b22222",flSOwEte:"ffffaf",foYstWAn:"228b22",fuKsia:"ff00ff",qaRsbSo:"dcdcdc",ghostwEte:"f8f8ff",gTd:"ffd700",gTMnPd:"daa520",w

```

```

ay:"808080",gYF:"8000",gYFLw:"adff2f",gYy:"808080",honeyMw:"f0fff0",hotpRk:"ff69b4"
,RdianYd:"cd5c5c",Rdigo:"4b0082",ivSy:"fffff0",khaki:"f0e68c",lavFMr:"e6e6fa",lavFM
rXsh:"fff0f5",lawngYF:"7cfc00",NmoncEffon:"fffacd",ZXe:"add8e6",ZcSO:"f08080",Zcyan
:"e0ffff",ZgTMnPdLw:"fafad2",ZWay:"d3d3d3",ZgYF:"90ee90",ZgYy:"d3d3d3",ZpRk:"ffb6c1"
,ZsOmon:"ffa07a",ZsHgYF:"20b2aa",ZskyXe:"87cefa",ZUWay:"778899",ZUgYy:"778899",Zst
AlXe:"b0c4de",ZLw:"ffffe0",lime:"ff00",limegYF:"32cd32",lRF:"faf0e6",magFta:"ff00ff"
,maPon:"800000",VaquamarRe:"66cdaa",VXe:"cd",VScEd:"ba55d3",VpurpN:"9370db",VsHgYF
:"3cb371",VUXe:"7b68ee",VsprRggYF:"fa9a",VQe:"48d1cc",VviTetYd:"c71585",midnightXe:
"191970",mRtcYam:"f5fffa",mistyPse:"ffe4e1",moccasR:"ffe4b5",navajowEte:"ffdead",na
vy:"80",Tdlace:"fdf5e6",Tive:"808000",TivedBb:"6b8e23",Sange:"ffa500",SangeYd:"ff45
00",ScEd:"da70d6",pOegTMnPd:"eee8aa",pOegYF:"98fb98",pOeQe:"afeeee",pOeviTetYd:"db7
093",papayawEp:"ffefd5",pHKpuff:"ffdab9",peru:"cd853f",pRk:"ffc0cb",plum:"dda0dd",p
owMrXe:"b0e0e6",purpN:"800080",YbeccapurpN:"663399",Yd:"ff0000",Psybrown:"bc8f8f",P
yOXe:"4169e1",saddNbPwn:"8b4513",sOmon:"fa8072",sandybPwn:"f4a460",sHgYF:"2e8b57",s
Hshell:"fff5ee",siFna:"a0522d",silver:"c0c0c0",skyXe:"87ceeb",UXe:"6a5acd",UWay:"70
8090",UgYy:"708090",snow:"fffafa",sprRggYF:"ff7f",stAlXe:"4682b4",tan:"d2b48c",teO:
"8080",tEstN:"d8bfd8",tomato:"ff6347",Qe:"40e0d0",viTet:"ee82ee",JHt:"f5deb3",wEte:
"ffffff",wEtesmoke:"f5f5f5",Lw:"ffff00",LwgYF:"9acd32"};let Ht;function jt(t){Ht||
(Ht=function(){const t={},e=Object.keys(Nt),i=Object.keys(Wt);let
s,n,o,a,r;for(s=0;s<e.length;s++){
for(a=r=e[s],n=0;n<i.length;n++)o=i[n],r=r.replace(o,Wt[o]);o=parseInt(Nt[a],16),t
[r]=[o>>16&255,o>>8&255,255&o]}return t}(),Ht.transparent=[0,0,0,0]);const
e=Ht[t.toLowerCase()];return e&&{r:e[0],g:e[1],b:e[2],a:4===e.length?
e[3]:255}}const $t=/^rgba?\(\s*([+-.\d]+)(%)?\[\s,]+([+-.\d]+)(%)?\[\s,]+([+-.\d]+)
(%)?(?:[\s,/]+([+-.\d]+)(%)?)?\s*\)$/;const Yt=t=>t<=.0031308?
12.92*t:1.055*Math.pow(t,1/2.4)-.055,Ut=t=>t<=.04045?
t/12.92:Math.pow((t+.055)/1.055,2.4);function Xt(t,e,i){if(t){let
s=It(t);s[e]=Math.max(0,Math.min(s[e]+s[e]*i,0===e?
360:1)),s=Ft(s),t.r=s[0],t.g=s[1],t.b=s[2]}function qt(t,e){return t?
Object.assign(e||{t},t):t}function Kt(t){var e={r:0,g:0,b:0,a:255};return
Array.isArray(t)?t.length>=3&&(e={r:t[0],g:t[1],b:t[2],a:255},t.length>3&&
(e.a=Mt(t[3]))):(e=qt(t,{r:0,g:0,b:0,a:1})).a=Mt(e.a),e}function Gt(t)
{return"r"===t.charAt(0)?function(t){const e=$t.exec(t);let i,s,n,o=255;if(e)
{if(e[7]!==i){const t=+e[7];o=e[8]?vt(t):yt(255*t,0,255)}return
i=+e[1],s=+e[3],n=+e[5],i=255&(e[2]?vt(i):yt(i,0,255)),s=255&(e[4]?
vt(s):yt(s,0,255)),n=255&(e[6]?vt(n):yt(n,0,255)),{r:i,g:s,b:n,a:o}}(
t):Bt(t)}class Zt{constructor(t){if(t instanceof Zt)return t;const e=typeof t;let
i;var s,n,o;"object"===e?i=Kt(t):"string"===e&&(o=(s=t).length,"#"===s[0]&&
(4===o||5===o?n={r:255&17*St[s[1]],g:255&17*St[s[2]],b:255&17*St[s[3]],a:5===o?
17*St[s[4]]:255}:7!==(o&&9!==(o||n={r:St[s[1]]<<4|St[s[2]],g:St[s[3]]
<<4|St[s[4]],b:St[s[5]]<<4|St[s[6]],a:9===o?St[s[7]]
<<4|St[s[8]]:255))),i=n||jt(t)||Gt(t)),this._rgb=i,this._valid=!!i}get valid()
{return this._valid}get rgb(){var t=qt(this._rgb);return t&&(t.a=wt(t.a)),t}set
rgb(t){this._rgb=Kt(t)}rgbString(){return this._valid?(t=this._rgb)&&(t.a<255?
`rgba(${t.r}, ${t.g}, ${t.b}, ${wt(t.a)})`:`rgb(${t.r}, ${t.g}, ${t.b})`):void
0;var t}hexString(){return this._valid?At(this._rgb):void 0}hslString(){return
this._valid?function(t){if(!t)return;const
e=It(t),i=e[0],s=kt(e[1]),n=kt(e[2]);return t.a<255?`hsla(${i}, ${s}%, ${n}%,
${wt(t.a)})`:`hsl(${i}, ${s}%, ${n}%)`}(this._rgb):void 0}mix(t,e){if(t){const
i=this.rgb,s=t.rgb;let n;const o=e===n?.5:e,a=2*o-1,r=i.a-s,a,l=((a*r===-1?a:
(a+r)/(1+a*r))+1)/2;n=1-
l,i.r=255&l*i.r+n*s.r+.5,i.g=255&l*i.g+n*s.g+.5,i.b=255&l*i.b+n*s.b+.5,i.a=o*i.a+
(1-o)*s.a,this._rgb=i}return this}interpolate(t,e){return t&&
(this._rgb=function(t,e,i){const
s=Ut(wt(t.r)),n=Ut(wt(t.g)),o=Ut(wt(t.b));return{r:Mt(Yt(s+i*(Ut(wt(e.r))-
s))),g:Mt(Yt(n+i*(Ut(wt(e.g))-n))),b:Mt(Yt(o+i*(Ut(wt(e.b))-o))),a:t.a+i*(e.a-
t.a)}}(this._rgb,t._rgb,e)),this}clone(){return new Zt(this.rgb)}alpha(t){return
this._rgb.a=Mt(t),this}clearer(t){return this._rgb.a*=1-t,this}greyscale(){const

```

```

t=this._rgb,e=_t(.3*t.r+.59*t.g+.11*t.b);return t.r=t.g=t.b=e,this}opaquer(t)
{return this._rgb.a*=1+t,this}negate(){const t=this._rgb;return t.r=255-
t.r,t.g=255-t.g,t.b=255-t.b,this}lighten(t){return Xt(this._rgb,2,t),this}darken(t)
{return Xt(this._rgb,2,-t),this}saturate(t){return
Xt(this._rgb,1,t),this}desaturate(t){return Xt(this._rgb,1,-t),this}rotate(t)
{return function(t,e){var
i=It(t);i[0]=Vt(i[0]+e),i=Ft(i),t.r=i[0],t.g=i[1],t.b=i[2]}
(this._rgb,t),this}}function Jt(t){if(t&&"object"===typeof t){const
e=t.toString();return"[object CanvasPattern]"===e||"[object
CanvasGradient]"===e?return!1:function Qt(t){return Jt(t)?t:new Zt(t)}function
te(t){return Jt(t)?t:new Zt(t).saturate(.5).darken(.1).hexString()}const ee=
["x","y","borderWidth","radius","tension"],ie=
["color","borderColor","backgroundColor"];const se=new Map;function ne(t,e,i)
{return function(t,e){e=e||{};const i=t+JSON.stringify(e);let s=se.get(i);return
s||(s=new Intl.NumberFormat(t,e),se.set(i,s)),s}(e,i).format(t)}const oe=
{values:t=>n(t)?t:""+t,numeric(t,e,i){if(0===t)return"0";const
s=this.chart.options.locale;let n,o=t;if(i.length>1){const
e=Math.max(Math.abs(i[0].value),Math.abs(i[i.length-1].value));(e<1e-4||e>1e15)&&
(n="scientific"),o=function(t,e){let i=e.length>3?e[2].value-e[1].value:e[1].value-
e[0].value;Math.abs(i)>=1&&t!:=Math.floor(t)&&(i=t-Math.floor(t));return i}
(t,i)}const a=z(Math.abs(o)),r=isNaN(a)?
1:Math.max(Math.min(-1*Math.floor(a),20),0),l=
{notation:n,minimumFractionDigits:r,maximumFractionDigits:r};return
Object.assign(l,this.options.ticks.format),ne(t,s,l)},logarithmic(t,e,i)
{if(0===t)return"0";const
s=i[e].significant||t/Math.pow(10,Math.floor(z(t)));return[1,2,3,5,10,15].includes(
s)||e>.8*i.length?oe.numeric.call(this,t,e,i):""};var ae={formatters:oe};const
re=Object.create(null),le=Object.create(null);function he(t,e){if(!e)return t;const
ie=e.split(".");for(let e=0,s=i.length;e<s;++e){const s=i[e];t=t[s]||
(t[s]=Object.create(null))}return t}function ce(t,e,i){return"string"===typeof e?
b(he(t,e),i):b(he(t,""),e)}class de{constructor(t,e){this.animation=void
0,this.backgroundColor="rgba(0,0,0,0.1)",this.borderColor="rgba(0,0,0,0.1)",this.co
lor="#666",this.datasets=
{},this.devicePixelRatio=t=>t.chart.platform.getDevicePixelRatio(),this.elements=
{},this.events=["mousemove","mouseout","click","touchstart","touchmove"],this.font=
{family:"Helvetica Neue","Helvetica","Arial",sans-
serif,size:12,style:"normal",lineHeight:1.2,weight:null},this.hover=
{},this.hoverBackgroundColor=(t,e)=>te(e.backgroundColor),this.hoverBorderColor=
(t,e)=>te(e.borderColor),this.hoverColor=
(t,e)=>te(e.color),this.indexAxis="x",this.interaction=
{mode:"nearest",intersect:!0,includeInvisible:!1},this.maintainAspectRatio=!0,this.
onHover=null,this.onClick=null,this.parsing=!0,this.plugins=
{},this.responsive=!0,this.scale=void 0,this.scales=
{},this.showLine=!0,this.drawActiveElementsOnTop=!0,this.describe(t),this.apply(e)}
set(t,e){return ce(this,t,e)}get(t){return he(this,t)}describe(t,e){return
ce(le,t,e)}override(t,e){return ce(re,t,e)}route(t,e,i,s){const
n=he(this,t),a=he(this,i),r="_"+e;Object.defineProperties(n,{[r]:
{value:n[e],writable:!0},[e]:{enumerable:!0,get(){const t=this[r],e=a[s];return
o(t)?Object.assign({},e,t):l(t,e)},set(t){this[r]=t}}})}apply(t)
{t.forEach((t=>t(this)))}var ue=new
de({_scriptable:t=>!t.startsWith("on"),_indexable:t=>"events"!==t,hover:
{_fallback:"interaction"},interaction:{_scriptable:!1,_indexable:!1}},[function(t)
{t.set("animation",{delay:void 0,duration:1e3,easing:"easeOutQuart",fn:void
0,from:void 0,loop:void 0,to:void 0,type:void 0}),t.describe("animation",
{_fallback:!1,_indexable:!1,_scriptable:t=>"onProgress"!==t&&"onComplete"!==t&&"fn"
!==t}),t.set("animations",{colors:{type:"color",properties:ie},numbers:
{type:"number",properties:ee}}),t.describe("animations",
{_fallback:"animation"}),t.set("transitions",{active:{animation:

```

```

{duration:400}},resize:{animation:{duration:0}},show:{animations:{colors:
{from:"transparent"},visible:{type:"boolean",duration:0}},hide:{animations:
{colors:{to:"transparent"},visible:
{type:"boolean",easing:"linear",fn:t=>0|t}}}},function(t){t.set("layout",
{autoPadding:!0,padding:{top:0,right:0,bottom:0,left:0}}),function(t)
{t.set("scale",
{display:!0,offset:!1,reverse:!1,beginAtZero:!1,bounds:"ticks",clip:!0,grace:0,grid
:{display:!0,lineWidth:1,drawOnChartArea:!0,drawTicks:!0,tickLength:8,tickWidth:
(t,e)=>e.lineWidth,tickColor:(t,e)=>e.color,offset:!1},border:{display:!0,dash:
[],dashOffset:0,width:1},title:{display:!1,text:"",padding:{top:4,bottom:4}},ticks:
{minRotation:0,maxRotation:50,mirror:!1,textStrokeWidth:0,textStrokeColor:"",padding:
3,display:!0,autoSkip:!0,autoSkipPadding:3,labelOffset:0,callback:ae.formatters.v
alues,minor:{},major:
{,align:"center",crossAlign:"near",showLabelBackdrop:!1,backdropColor:"rgba(255,
255, 255,
0.75)",backdropPadding:2}}),t.route("scale.ticks","color","", "color"),t.route("scal
e.grid","color","", "borderColor"),t.route("scale.border","color","", "borderColor"),
t.route("scale.title","color","", "color"),t.describe("scale",
{_fallback:!1,_scriptable:t=>!t.startsWith("before")&&!t.startsWith("after")&&"call
back"!==t&&"parser"!==t,_indexable:t=>"borderDash"!==t&&"tickBorderDash"!==t&&"dash
"!==t}),t.describe("scales",{_fallback:"scale"}),t.describe("scale.ticks",
{_scriptable:t=>"backdropPadding"!==t&&"callback"!==t,_indexable:t=>"backdropPaddin
g"!==t}}));function fe(){return"undefined"!==typeof window&&"undefined"!==typeof
document}function ge(t){let e=t.parentNode;return e&&"[object
ShadowRoot]"===e.toString()&&(e=e.host),e}function pe(t,e,i){let
s;return"string"===typeof t?(s=parseInt(t,10),-1!==t.indexOf("%")&&
(s=s/100*e.parentNode[i])):s=t,s}const
me=t=>t.ownerDocument.defaultView.getComputedStyle(t,null);function be(t,e){return
me(t).getPropertyValue(e)}const xe=["top","right","bottom","left"];function
_e(t,e,i){const s={};i=i?"-"+i:"";for(let n=0;n<4;n++){const
o=xe[n];s[o]=parseFloat(t[e+"-"+o+i])||0}return
s.width=s.left+s.right,s.height=s.top+s.bottom,s}const ye=(t,e,i)=>(t>0||e>0)&&
(!i||!i.shadowRoot);function ve(t,e){if("native"in t)return
t;const{canvas:i,currentDevicePixelRatio:s}=e,n=me(i),o="border-
box"===n.boxSizing,a=_e(n,"padding"),r=_e(n,"border","width"),
{x:l,y:h,box:c}=function(t,e){const i=t.touches,s=i&&i.length?i[0]:t,
{offsetX:n,offsetY:o}=s;let a,r,l=!1;if(ye(n,o,t.target))a=n,r=o;else{const
t=e.getBoundingClientRect();a=s.clientX-t.left,r=s.clientY-
t.top,l=!0}return{x:a,y:r,box:l}}(t,i),d=a.left+(c&&r.left),u=a.top+
(c&&r.top);let{width:f,height:g}=e;return o&&(f-=a.width+r.width,g-
=a.height+r.height),{x:Math.round((l-d)/f*i.width/s),y:Math.round((h-
u)/g*i.height/s)}const Me=t=>Math.round(10*t)/10;function we(t,e,i,s){const
n=me(t),o=_e(n,"margin"),a=pe(n.maxWidth,t,"clientWidth")||T,r=pe(n.maxHeight,t,"cl
ientHeight")||T,l=function(t,e,i){let s,n;if(void 0===e||void 0===i){const
o=ge(t);if(o){const
t=o.getBoundingClientRect(),a=me(o),r=_e(a,"border","width"),l=_e(a,"padding");e=t.
width-l.width-r.width,i=t.height-l.height-
r.height,s=pe(a.maxWidth,o,"clientWidth"),n=pe(a.maxHeight,o,"clientHeight")}else
e=t.clientWidth,i=t.clientHeight}return{width:e,height:i,maxWidth:s||T,maxHeight:n|
T}}(t,e,i);let{width:h,height:c}=l;if("content-box"===n.boxSizing){const
t=_e(n,"border","width"),e=_e(n,"padding");h-=e.width+t.width,c-
=e.height+t.height}h=Math.max(0,h-o.width),c=Math.max(0,s?h/s:c-
o.height),h=Me(Math.min(h,a,l.maxWidth)),c=Me(Math.min(c,r,l.maxHeight)),h&&!c&&
(c=Me(h/2));return(void 0!==e||void 0!==i)&&s&&l.height&&c>l.height&&
(c=l.height,h=Me(Math.floor(c*s))),{width:h,height:c}}function ke(t,e,i){const
s=e||1,n=Math.floor(t.height*s),o=Math.floor(t.width*s);t.height=Math.floor(t.heigh
t),t.width=Math.floor(t.width);const a=t.canvas;return a.style&&
(i||!a.style.height&&!a.style.width)&&

```

```

(a.style.height=`${t.height}px`,a.style.width=`${t.width}px`),
(t.currentDevicePixelRatio!==s||a.height!==n||a.width!==o)&&
(t.currentDevicePixelRatio=s,a.height=n,a.width=o,t.ctx.setTransform(s,0,0,s,0,0),!
0)}const Se=function(){let t=!1;try{const e={get passive(){return
t=!0,!1}};window.addEventListener("test",null,e),window.removeEventListener("test",
null,e)}catch(t){}return t}();function Pe(t,e){const i=be(t,e),s=i&&i.match(/^(\d+
)\.\d+)?px$/);return s?s[s[1]:void 0]:function De(t)
{return!t||s(t.size)||s(t.family)?null:(t.style?t.style+" ":"")+t.weight?
t.weight+" ":"")+t.size+"px "+t.family}function Ce(t,e,i,s,n){let o=e[n];return o||
(o=e[n]=t.measureText(n).width,i.push(n)),o>s&&(s=o),s}function Oe(t,e,i,s){let o=
(s=s||{}).data=s.data||{},a=s.garbageCollect=s.garbageCollect||[];s.font!==e&&
(o=s.data={},a=s.garbageCollect=[],s.font=e),t.save(),t.font=e;let r=0;const
l=i.length;let h,c,d,u,f;for(h=0;h<l;h++)if(u=i[h],null==u||n(u))
{if(n(u))for(c=0,d=u.length;c<d;c++)f=u[c],null==f||n(f)||r=Ce(t,o,a,r,f)}else
r=Ce(t,o,a,r,u);t.restore();const g=a.length/2;if(g>i.length)
{for(h=0;h<g;h++)delete o[a[h]];a.splice(0,g)}return r}function Ae(t,e,i){const
s=t.currentDevicePixelRatio,n=0!==i?Math.max(i/2,.5):0;return Math.round((e-
n)*s)/s+n}function Te(t,e)
{(e=e||t.getContext("2d")).save(),e.resetTransform(),e.clearRect(0,0,t.width,t.heig
ht),e.restore()}function Le(t,e,i,s){Ee(t,e,i,s,null)}function Ee(t,e,i,s,n){let
o,a,r,l,h,c,d,u;const f=e.pointStyle,g=e.rotation,p=e.radius;let m=
(g||0)*L;if(f&&"object"===typeof f&&(o=f.toString(),"[object
HTMLImageElement]"===o||"[object HTMLCanvasElement]"===o))return
t.save(),t.translate(i,s),t.rotate(m),t.drawImage(f,-f.width/2,-
f.height/2,f.width,f.height),void t.restore();if(!isNaN(p)||p<=0)
{switch(t.beginPath(),f){default:n?
t.ellipse(i,s,n/2,p,0,0,0):t.arc(i,s,p,0,0),t.closePath();break;case"triangle":c=n?
n/2:p,t.moveTo(i+Math.sin(m)*c,s-Math.cos(m)*p),m+=I,t.lineTo(i+Math.sin(m)*c,s-
Math.cos(m)*p),m+=I,t.lineTo(i+Math.sin(m)*c,s-
Math.cos(m)*p),t.closePath();break;case"rectRounded":h=.516*p,l=p-
h,a=Math.cos(m+R)*l,d=Math.cos(m+R)*(n?n/2-h:l),r=Math.sin(m+R)*l,u=Math.sin(m+R)*
(n?n/2-h:l),t.arc(i-d,s-r,h,m-C,m-E),t.arc(i+u,s-a,h,m-
E,m),t.arc(i+d,s+r,h,m,m+E),t.arc(i-
u,s+a,h,m+E,m+C),t.closePath();break;case"rect":if(!g){l=Math.SQRT1_2*p,c=n?
n/2:l,t.rect(i-c,s-l,2*c,2*l);break}m+=R;case"rectRot":d=Math.cos(m)*(n?
n/2:p),a=Math.cos(m)*p,r=Math.sin(m)*p,u=Math.sin(m)*(n?n/2:p),t.moveTo(i-d,s-
r),t.lineTo(i+u,s-a),t.lineTo(i+d,s+r),t.lineTo(i-
u,s+a),t.closePath();break;case"crossRot":m+=R;case"cross":d=Math.cos(m)*(n?
n/2:p),a=Math.cos(m)*p,r=Math.sin(m)*p,u=Math.sin(m)*(n?n/2:p),t.moveTo(i-d,s-
r),t.lineTo(i+d,s+r),t.moveTo(i+u,s-a),t.lineTo(i-
u,s+a);break;case"star":d=Math.cos(m)*(n?
n/2:p),a=Math.cos(m)*p,r=Math.sin(m)*p,u=Math.sin(m)*(n?n/2:p),t.moveTo(i-d,s-
r),t.lineTo(i+d,s+r),t.moveTo(i+u,s-a),t.lineTo(i-u,s+a),m+=R,d=Math.cos(m)*(n?
n/2:p),a=Math.cos(m)*p,r=Math.sin(m)*p,u=Math.sin(m)*(n?n/2:p),t.moveTo(i-d,s-
r),t.lineTo(i+d,s+r),t.moveTo(i+u,s-a),t.lineTo(i-u,s+a);break;case"line":a=n?
n/2:Math.cos(m)*p,r=Math.sin(m)*p,t.moveTo(i-a,s-
r),t.lineTo(i+a,s+r);break;case"dash":t.moveTo(i,s),t.lineTo(i+Math.cos(m)*(n?
n/2:p),s+Math.sin(m)*p);break;case!l:t.closePath()}t.fill(),e.borderWidth>0&&t.stro
ke()}}function Re(t,e,i){return i=i||.5,!e||t&&t.x>e.left-
i&&t.x<e.right+i&&t.y>e.top-i&&t.y<e.bottom+i}function Ie(t,e)
{t.save(),t.beginPath(),t.rect(e.left,e.top,e.right-e.left,e.bottom-
e.top),t.clip()}function ze(t){t.restore()}function Fe(t,e,i,s,n){if(!e)return
t.lineTo(i.x,i.y);if("middle"===n){const s=
(e.x+i.x)/2;t.lineTo(s,e.y),t.lineTo(s,i.y)}else"after"===n?!s?
t.lineTo(e.x,i.y):t.lineTo(i.x,e.y);t.lineTo(i.x,i.y)}function Ve(t,e,i,s)
{if(!e)return t.lineTo(i.x,i.y);t.bezierCurveTo(s?e.cp1x:e.cp2x,s?e.cply:e.cp2y,s?
i.cp2x:i.cp1x,s?i.cp2y:i.cply,i.x,i.y)}function Be(t,e,i,s,n)
{if(n.strikethrough||n.underline){const o=t.measureText(s),a=e-

```

```

o.actualBoundingBoxLeft,r=e+o.actualBoundingBoxRight,l=i-
o.actualBoundingBoxAscent,h=i+o.actualBoundingBoxDescent,c=n.strikethrough?
(l+h)/2:h;t.strokeStyle=t.fillStyle,t.beginPath(),t.lineWidth=n.decorationWidth||2,
t.moveTo(a,c),t.lineTo(r,c),t.stroke()}}function We(t,e){const
i=t.fillStyle;t.fillStyle=e.color,t.fillRect(e.left,e.top,e.width,e.height),t.fillS
tyle=i}function Ne(t,e,i,o,a,r={}){const l=n(e)?e:
[e],h=r.strokeWidth>0&&"!"==r.strokeColor;let
c,d;for(t.save(),t.font=a.string,function(t,e)
{e.translation&&t.translate(e.translation[0],e.translation[1]),s(e.rotation)||t.rot
ate(e.rotation),e.color&&(t.fillStyle=e.color),e.textAlign&&
(t.textAlign=e.textAlign),e.textBaseline&&(t.textBaseline=e.textBaseline)}
(t,r),c=0;c<l.length;++c)d=l[c],r.backdrop&&We(t,r.backdrop),h&&(r.strokeColor&&
(t.strokeStyle=r.strokeColor),s(r.strokeWidth)||
(t.lineWidth=r.strokeWidth),t.strokeText(d,i,o,r.maxW
idth),Be(t,i,o,d,r),o+=Number(a.lineHeight);t.restore())}function He(t,e)
{const{x:i,y:s,w:n,h:o,radius:a}=e;t.arc(i+a.topLeft,s+a.topLeft,a.topLeft,1.5*C,C,
!0),t.lineTo(i,s+o-a.bottomLeft),t.arc(i+a.bottomLeft,s+o-
a.bottomLeft,a.bottomLeft,C,E,!0),t.lineTo(i+n-a.bottomRight,s+o),t.arc(i+n-
a.bottomRight,s+o-
a.bottomRight,a.bottomRight,E,0,!0),t.lineTo(i+n,s+a.topRight),t.arc(i+n-
a.topRight,s+a.topRight,a.topRight,0,-E,!0),t.lineTo(i+a.topLeft,s)}function
je(t,e=[""],i,s,n=(()=>t[0])){const o=i||t;void 0===s&&(s=ti("_fallback",t));const
a=
[{Symbol.toStringTag:"Object",_cacheable:!0,_scopes:t,_rootScopes:o,_fallback:s,_g
etTarget:n,override:i=>je([i,...t],e,o,s)};return new Proxy(a,{deleteProperty:
(e,i)=>(delete e[i],delete e._keys,delete t[0][i],!0),get:(i,s)=>qe(i,s,
()=>function(t,e,i,s){let n;for(const o of e)if(n=ti(Ue(o,t),i),void 0!==n)return
Xe(t,n)?Je(i,s,t,n):n}(s,e,t,i))),getOwnPropertyDescriptor:
(t,e)=>Reflect.getOwnPropertyDescriptor(t._scopes[0],e),getPrototypeOf:
()=>Reflect.getPrototypeOf(t[0]),has:
(t,e)=>ei(t).includes(e),ownKeys:t=>ei(t),set(t,e,i){const s=t._storage||
(t._storage=n());return t[e]=s[e]=i,delete t._keys,!0}})}function $e(t,e,i,s){const
a={_cacheable:!1,_proxy:t,_context:e,_subProxy:i,_stack:new
Set,_descriptors:Ye(t,s),setContext:e=>$e(t,e,i,s),override:n=>$e(t.override(n),e,i
,s)};return new Proxy(a,{deleteProperty:(e,i)=>(delete e[i],delete t[i],!0),get:
(t,e,i)=>qe(t,e,()=>function(t,e,i)
{const{_proxy:s,_context:a,_subProxy:r,_descriptors:l}=t;let
h=s[e];S(h)&&l.isScriptable(e)&&(h=function(t,e,i,s)
{const{_proxy:n,_context:o,_subProxy:a,_stack:r}=i;if(r.has(t))throw new
Error("Recursion detected: "+Array.from(r).join("->")+"->"+t);r.add(t);let
l=e(o,a||s);r.delete(t),Xe(t,l)&&(l=Je(n._scopes,n,t,l));return l}
(e,h,t,i));n(h)&&h.length&&(h=function(t,e,i,s)
{const{_proxy:n,_context:a,_subProxy:r,_descriptors:l}=i;if(void
0!==a.index&&s(t))return e[a.index%e.length];if(o(e[0])){const
i=e,s=n._scopes.filter((t=>t!==i));e=[];for(const o of i){const
i=Je(s,n,t,o);e.push($e(i,a,r&&r[t],l))}}return e}(e,h,t,l.isIndexable));Xe(e,h)&&
(h=$e(h,a,r&&r[e],l));return h}(t,e,i))),getOwnPropertyDescriptor:
(e,i)=>e._descriptors.allKeys?Reflect.has(t,i)?{enumerable:!0,configurable:!0}:void
0:Reflect.getOwnPropertyDescriptor(t,i),getPrototypeOf:
()=>Reflect.getPrototypeOf(t),has:(e,i)=>Reflect.has(t,i),ownKeys:
()=>Reflect.ownKeys(t),set:(e,i,s)=>(t[i]=s,delete e[i],!0)}}}function Ye(t,e=
{scriptable:!0,indexable:!0})
{const{_scriptable:i=e.scriptable,_indexable:s=e.indexable,_allKeys:n=e.allKeys}=t;
return{allKeys:n,scriptable:i,indexable:s,isScriptable:S(i)?i:
()=>i,isIndexable:S(s)?s:()=>s}}const Ue=(t,e)=>t?t+w(e):e,Xe=
(t,e)=>o(e)&&"adapters"!==t&&
(null===Object.getPrototypeOf(e)||e.constructor===Object);function qe(t,e,i)
{if(Object.prototype.hasOwnProperty.call(t,e))return t[e];const s=i();return

```

```

t[e]=s,s}function Ke(t,e,i){return S(t)?t(e,i):t}const Ge=(t,e)=>!0===t?
e:"string"==typeof t?M(e,t):void 0;function Ze(t,e,i,s,n){for(const o of e){const
e=Ge(i,o);if(e){t.add(e);const o=Ke(e._fallback,i,n);if(void
0!==o&&o!==i&&o!==s)return o}else if(!l===e&&void 0!==s&&i!==s)return
null}return!l}function Je(t,e,i,s){const a=e._rootScopes,r=Ke(e._fallback,i,s),l=
[...t,...a],h=new Set;h.add(s);let c=Qe(h,l,i,r||i,s);return null!==c&&((void
0===r||r===i||(c=Qe(h,l,r,c,s),null!==c))&&je(Array.from(h),[""],a,r,
(()=>=>function(t,e,i){const s=t._getTarget();e in s||(s[e]={});const
a=s[e];if(n(a)&&o(i))return i;return a||{}}(e,i,s))))}function Qe(t,e,i,s,n)
{for(;i;)i=Ze(t,e,i,s,n);return i}function ti(t,e){for(const i of e)
{if(!i)continue;const e=i[t];if(void 0!==e)return e}}function ei(t){let
e=t._keys;return e||(e=t._keys=function(t){const e=new Set;for(const i of
t)for(const t of Object.keys(i).filter((t=>!t.startsWith("_"))))e.add(t);return
Array.from(e)}(t._scopes)),e}function ii(t,e,i,s){const{iScale:n}=t,
{key:o="r"}=this._parsing,a=new Array(s);let
r,l,h,c;for(r=0,l=s;r<l;++r)h=r+i,c=e[h],a[r]={r:n.parse(M(c,o),h)};return a}const
si=Number.EPSILON||1e-14,ni=
(t,e)=>e<t.length&&!t[e].skip&&t[e],oi=t=>"x"===t?"y":"x";function ai(t,e,i,s)
{const n=t.skip?e:t,o=e,a=i.skip?e:i,r=q(o,n),l=q(a,o);let
h=r/(r+l),c=l/(r+l);h=isNaN(h)?0:h,c=isNaN(c)?0:c;const
d=s*h,u=s*c;return{previous:{x:o.x-d*(a.x-n.x),y:o.y-d*(a.y-n.y)},next:{x:o.x+u*
(a.x-n.x),y:o.y+u*(a.y-n.y)}}}function ri(t,e="x"){const
i=oi(e),s=t.length,n=Array(s).fill(0),o=Array(s);let
a,r,l,h=ni(t,0);for(a=0;a<s;++a)if(r=l,l=h,h=ni(t,a+1),l){if(h){const t=h[e]-
l[e];n[a]=0!==t?(h[i]-l[i])/t:0;o[a]=r?h?F(n[a-1])!=F(n[a])?0:(n[a-1]+n[a])/2:n[a-
1]:n[a]}!function(t,e,i){const s=t.length;let n,o,a,r,l,h=ni(t,0);for(let c=0;c<s-
1;++c)l=h,h=ni(t,c+1),l&&h&&(V(e[c],0,si)?i[c]=i[c+1]=0:
(n=i[c]/e[c],o=i[c+1]/e[c],r=Math.pow(n,2)+Math.pow(o,2),r<=9||
(a=3/Math.sqrt(r),i[c]=n*a*e[c],i[c+1]=o*a*e[c]))}(t,n,o),function(t,e,i="x")
{const s=oi(i),n=t.length;let o,a,r,l=ni(t,0);for(let h=0;h<n;++h)
{if(a=r,r=l,l=ni(t,h+1),!r)continue;const n=r[i],c=r[s];a&&(o=(n-
a[i])/3,r[`cp1${i}`]=n-o,r[`cp1${s}`]=c-o*e[h]),l&&(o=(l[i]-
n)/3,r[`cp2${i}`]=n+o,r[`cp2${s}`]=c+o*e[h]))}(t,o,e)}function li(t,e,i){return
Math.max(Math.min(t,i),e)}function hi(t,e,i,s,n){let o,a,r,l;if(e.spanGaps&&
(t=t.filter((t=>!t.skip))), "monotone"===e.cubicInterpolationMode)ri(t,n);else{let
i=s?t[t.length-1]:t[0];for(o=0,a=t.length;o<a;++o)r=t[o],l=ai(i,r,t[Math.min(o+1,a-
s?
0:1)])%a],e.tension),r.cplx=l.previous.x,r.cply=l.previous.y,r.cp2x=l.next.x,r.cp2y=
l.next.y,i=r}.capBezierPoints&&function(t,e){let
i,s,n,o,a,r=Re(t[0],e);for(i=0,s=t.length;i<s;++i)a=o,o=r,r=i<s-1&&Re(t[i+1],e),o&&
(n=t[i],a&&(n.cplx=li(n.cplx,e.left,e.right),n.cply=li(n.cply,e.top,e.bottom)),r&&
(n.cp2x=li(n.cp2x,e.left,e.right),n.cp2y=li(n.cp2y,e.top,e.bottom)))}(t,i){const
ci=t=>0===t||1===t,di=(t,e,i)=>-Math.pow(2,10*(t-1))*Math.sin((t-e)*O/i),ui=
(t,e,i)=>Math.pow(2,-10*t)*Math.sin((t-e)*O/i)+1,fi=
{linear:t=>t,easeInQuad:t=>t*t,easeOutQuad:t=>-t*(t-2),easeInOutQuad:t=>(t/=0.5)
<1?.5*t*t:-.5*(-t*(t-2)-1),easeInCubic:t=>t*t*t,easeOutCubic:t=>(t-
1)*t*t+1,easeInOutCubic:t=>(t/=0.5)<1?.5*t*t*t:.5*(t-
2)*t*t+2,easeInQuart:t=>t*t*t*t,easeOutQuart:t=>-(t-1)*t*t*t-
1,easeInOutQuart:t=>(t/=0.5)<1?.5*t*t*t*t:-.5*(t-2)*t*t*t-
2,easeInQuint:t=>t*t*t*t*t,easeOutQuint:t=>(t-1)*t*t*t*t+1,easeInOutQuint:t=>
(t/=0.5)<1?.5*t*t*t*t*t:.5*(t-2)*t*t*t*t+2,easeInSine:t=>1-
Math.cos(t*E),easeOutSine:t=>Math.sin(t*E),easeInOutSine:t=>-.5*
(Math.cos(C*t)-1),easeInExpo:t=>0===t?0:Math.pow(2,10*(t-1)),easeOutExpo:t=>1===t?
1:1-Math.pow(2,-10*t),easeInOutExpo:t=>ci(t)?t:t<.5?.5*Math.pow(2,10*(2*t-1)):.5*
(2-Math.pow(2,-10*(2*t-1))),easeInCirc:t=>t>1?t:-(Math.sqrt(1-
t*t)-1),easeOutCirc:t=>Math.sqrt(1-(t-1)*t),easeInOutCirc:t=>(t/=0.5)<1?-.5*
(Math.sqrt(1-t*t)-1):.5*(Math.sqrt(1-(t-2)*t)+1),easeInElastic:t=>ci(t)?
t:di(t,.075,.3),easeOutElastic:t=>ci(t)?t:ui(t,.075,.3),easeInOutElastic(t){const

```

```

e=.1125;return ci(t)?t:t<.5?.5*di(2*t,e,.45):.5+.5*ui(2*t-1,e,.45)},easeInBack(t)
{const e=1.70158;return t*t*((e+1)*t-e)},easeOutBack(t){const e=1.70158;return(t-
=1)*t*((e+1)*t+e)+1},easeInOutBack(t){let e=1.70158;return(t/=1)<.5?e*(t*(1+
(e*=1.525))*t-e)*.5:.5*((t-=2)*t*((1+(e*=1.525))*t+e)+2)},easeInBounce:t=>1-
fi.easeOutBounce(1-t),easeOutBounce(t){const e=7.5625,i=2.75;return t<1/i?
e*t*t:t<2/i?e*(t-=1.5/i)*t+.75:t<2.5/i?e*(t-=2.25/i)*t+.9375:e*(t-
=2.625/i)*t+.984375},easeInOutBounce:t=>t<.5?.5*fi.easeInBounce(2*t):.5*fi.easeOutB
ounce(2*t-1)+.5};function gi(t,e,i,s){return{x:t.x+i*(e.x-t.x),y:t.y+i*(e.y-
t.y)}}function pi(t,e,i,s){return{x:t.x+i*(e.x-t.x),y:"middle"===s?i<.5?
t.y:e.y:"after"===s?i<1?t.y:e.y:i>0?e.y:t.y}}function mi(t,e,i,s){const n=
{x:t.cp2x,y:t.cp2y},o=
{x:e.cplx,y:e.cply},a=gi(t,n,i),r=gi(n,o,i),l=gi(o,e,i),h=gi(a,r,i),c=gi(r,l,i);ret
urn gi(h,c,i)}const bi=/^(normal|\d+(?:\.\d+)?)
(px|em|%)?)/,xi=/^(normal|italic|initial|inherit|unset|(oblique( -?[0-9]?[0-
9]deg)?))$/;function _i(t,e){const i=(""+t).match(bi);if(!i||"normal"===i[1])return
1.2*e;switch(t+=i[2],i[3]){case"px":return t;case"%":t/=100;return e*t}const
yi=t=>t||0;function vi(t,e){const i={},s=o(e),n=s?Object.keys(e):e,a=o(t)?s?
i=>l(t[i],t[e[i]]):e=>t[e]:()=>t;for(const t of n)i[t]=yi(a(t));return i}function
Mi(t){return vi(t,{top:"y",right:"x",bottom:"y",left:"x"})}function wi(t){return
vi(t,["topLeft","topRight","bottomLeft","bottomRight"])}function ki(t){const
e=Mi(t);return e.width=e.left+e.right,e.height=e.top+e.bottom,e}function Si(t,e)
{t=t||{};e=e||ue.font;let i=l(t.size,e.size),"string"===typeof i&&
(i=parseInt(i,10));let s=l(t.style,e.style);s&&!(""+s).match(xi)&&
(console.warn('Invalid font style specified: "'+s+'"'),s=void 0);const n=
{family:l(t.family,e.family),lineHeight:_i(l(t.lineHeight,e.lineHeight),i),size:i,s
tyle:s,weight:l(t.weight,e.weight),string:""};return n.string=De(n,n)}function
Pi(t,e,i,s){let o,a,r,l=!0;for(o=0,a=t.length;o<a;++o)if(r=t[o],void 0!==(r&&(void
0!==(e&&"function"===typeof r&&(r=r(e),l=!1),void 0!==(i&&n(r)&&
(r=r[i&r.length],l=!1),void 0!==(r))return s&&!l&&(s.cacheable=!1),r)}function
Di(t,e,i){const{min:s,max:n}=t,o=c(e,(n-s)/2),a=(t,e)>=i&&0===t?
0:t+e;return{min:a(s,-Math.abs(o)),max:a(n,o)}}function Ci(t,e){return
Object.assign(Object.create(t),e)}function Oi(t,e,i){return t?function(t,e)
{return{x:i=>t+t+e-i,setWidth(t){e=t},textAlign:t=>"center"===t?
t:"right"===t?"left":"right",xPlus:(t,e)>=t-e,leftForLtr:(t,e)>=t-e}}(e,i):
{x:t=>t,setWidth(t){},textAlign:t=>t,xPlus:(t,e)>=t+e,leftForLtr:(t,e)>=t}}function
Ai(t,e){let i,s;"ltr"!==(e&&"rtl"!==(e||i=t.canvas.style,s=
[i.getPropertyValue("direction"),i.getPropertyPriority("direction")],i.setProperty(
"direction",e,"important"),t.prevTextDirection=s)}function Ti(t,e){void 0!==(e&&
(delete
t.prevTextDirection,t.canvas.style.setProperty("direction",e[0],e[1]))}function
Li(t){return"angle"===t?{between:Z,compare:K,normalize:G}:{between:tt,compare:
(t,e)>=t-e,normalize:t=>t}}function Ei({start:t,end:e,count:i,loop:s,style:n})
{return{start:t%i,end:e%i,loop:s&&(e-t+1)%i==0,style:n}}function Ri(t,e,i)
{if(!i)return[t];const{property:s,start:n,end:o}=i,a=e.length,
{compare:r,between:l,normalize:h}=Li(s),
{start:c,end:d,loop:u,style:f}=function(t,e,i){const{property:s,start:n,end:o}=i,
{between:a,normalize:r}=Li(s),l=e.length;let h,c,{start:d,end:u,loop:f}=t;if(f)
{for(d+=1,u+=1,h=0,c=1;h<c&&a(r(e[d%l][s]),n,o);++h)d--,u--;d%l,u%l}return u<d&&
(u+=1),{start:d,end:u,loop:f,style:t.style}}(t,e,i),g=[];let
p,m,b,x=!1,_=null;const y=(x=>x||l(n,b,p)&&0!==(r(n,b),v=
(x=>!x||0===r(o,p)||l(o,b,p);for(let t=c,i=c;t<=d;++t)m=e[t%a],m.skip||
(p=h(m[s]),p!==(b&&(x=l(p,n,o),null===_&&y())&&(_=0===r(p,n)?t:i),null!==(e&&v())&&
(g.push(Ei({start:_,end:t,loop:u,count:a,style:f})),_=null),i=t,b=p));return
null!==(e&&g.push(Ei({start:_,end:d,loop:u,count:a,style:f}))),g}function Ii(t,e)
{const i=[],s=t.segments;for(let n=0;n<s.length;n++){const
o=Ri(s[n],t.points,e);o.length&&i.push(...o)}return i}function zi(t,e){const
i=t.points,s=t.options.spanGaps,n=i.length;if(!n)return[];const o=!t._loop,
{start:a,end:r}=function(t,e,i,s){let n=0,o=e-

```

```

1;if(i&&!s)for(;n<e&&!t[n].skip;)n++;for(;n<e&&t[n].skip;)n++;for(n%=e,i&&
(o+=n);o>n&&t[o%e].skip;)o--;return o%=e,{start:n,end:o}}(i,n,o,s);if(!0===s)return
Fi(t,[{start:a,end:r,loop:o}],i,e);return Fi(t,function(t,e,i,s){const
n=t.length,o=[];let a,r=e,l=t[e];for(a=e+1;a<=i;++a){const i=t[a%n];i.skip||i.stop?
l.skip||i.stop?l.push({start:e%n,end:(a-1)%n,loop:s}),e=r=i.stop?a:null:
(r=a,l.skip&&(e=a)),l=i}return null!=r&&o.push({start:e%n,end:r%n,loop:s}),o}
(i,a,r<a?r+n:r,!t._fullLoop&&0===a&&r===n-1),i,e)}function Fi(t,e,i,s){return
s&&s.setContext&&i?function(t,e,i,s){const n=t._chart.getContext(),o=Vi(t.options),
[_datasetIndex:a,options:{spanGaps:r}]=t,l=i.length,h=[];let
c=o,d=e[0].start,u=d;function f(t,e,s,n){const o=r?-1:l;if(t!==e)
{for(t+=l;i[t%l].skip;)t-=o;for(;i[e%l].skip;)e+=o;t%l!=e%l&&
(h.push({start:t%l,end:e%l,loop:s,style:n}),c=n,d=e%l)}}for(const t of e){d=r?
d:t.start;let e,o=i[d%l];for(u=d+1;u<=t.end;u++){const
r=i[u%l];e=Vi(s.setContext(Ci(n,{type:"segment",p0:o,p1:r,p0DataIndex:(u-
1)%l,p1DataIndex:u%l,datasetIndex:a}))),Bi(e,c)&&f(d,u-1,t.loop,c),o=r,c=e}d<u-
1&&f(d,u-1,t.loop,c)}return h}(t,e,i,s):e}function Vi(t)
{return{backgroundColor:t.backgroundColor,borderCapStyle:t.borderCapStyle,borderDas
h:t.borderDash,borderDashOffset:t.borderDashOffset,borderJoinStyle:t.borderJoinStyl
e,borderWidth:t.borderWidth,borderColor:t.borderColor}}function Bi(t,e)
{if(!e)return!1;const i=[],s=function(t,e){return Jt(e)?
(i.includes(e)||i.push(e),i.indexOf(e)):e};return
JSON.stringify(t,s)!==JSON.stringify(e,s)}var
Wi=Object.freeze({__proto__:null,HALF_PI:E,INFINITY:T,PI:C,PITAU:A,QUARTER_PI:R,RAD
_PER_DEG:L,TAU:O,TWO_THIRDS_PI:I,_addGrace:Di,_alignPixel:Ae,_alignStartEnd:ft,_ang
leBetween:Z,_angleDiff:K,_arrayUnique:lt,_attachContext:$e,_bezierCurveTo:Ve,_bezie
rInterpolation:mi,_boundSegment:Ri,_boundSegments:Ii,_capitalize:w,_computeSegments
:zi,_createResolver:je,_decimalPlaces:U,_deprecated:function(t,e,i,s){void
0!==e&&console.warn(t+": '"+i+"' is deprecated. Please use '"+s+"'
instead')},_descriptors:Ye,_elementsEqual:f,_factorize:W,_filterBetween:nt,_getPare
ntNode:ge,_getStartAndCountOfVisiblePoints:pt,_intl6Range:Q,_isBetween:tt,_isClickE
vent:D,_isDomSupported:fe,_isPointInArea:Re,_limitValue:J,_longestText:Oe,_lookup:e
t,_lookupByKey:it,_measureText:Ce,_merger:m,_mergerIf:_,_normalizeAngle:G,_parseObj
ectDataRadialScale:ii,_pointInLine:gi,_readValueToProps:vi,_rlookupByKey:st,_scaleR
angesChanged:mt,_setMinAndMaxByKey:j,_splitKey:v,_steppedInterpolation:pi,_steppedL
ineTo:Fe,_textX:gt,_toLeftRightCenter:ut,_updateBezierControlPoints:hi,addRoundedRe
ctPath:He,almostEquals:V,almostWhole:H,callback:d,clearCanvas:Te,clipArea:Ie,clone:
g,color:Qt,createContext:Ci,debounce:dt,defined:k,distanceBetweenPoints:q,drawPoint
:Le,drawPointLegend:Ee,each:u,easingEffects:fi,finiteOrDefault:r,fontString:functio
n(t,e,i){return e+" "+t+"px
"+i},formatNumber:ne,getAngleFromPoint:X,getHoverColor:te,getMaximumSize:we,getRela
tivePosition:ve,getRtlAdapter:Oi,getStyle:be,isArray:n,isFinite:a,isFunction:S,isNu
llOrUndef:s,isNumber:N,isObject:o,isPatternOrGradient:Jt,listenArrayEvents:at,log10
:z,merge:b,mergeIf:x,niceNum:B,noop:e,overrideTextDirection:Ai,readUsedSize:Pe,rend
erText:Ne,requestAnimFrame:ht,resolve:Pi,resolveObjectKey:M,restoreTextDirection:Ti
,retinaScale:ke,setsEqual:P,sign:F,splineCurve:ai,splineCurveMonotone:ri,supportsEv
entListenerOptions:Se,throttled:ct,toDegrees:Y,toDimension:c,toFont:Si,toFontString
:De,toLineHeight:_i,toPadding:ki,toPercentage:h,toRadians:$,toTRBL:Mi,toTRBLCorners
:wi,uid:i,unclipArea:ze,unlistenArrayEvents:rt,valueOrDefault:l});function
Ni(t,e,i,s)
{const{controller:n,data:o,_sorted:a}=t,r=n._cachedMeta.iScale;if(r&&e===r.axis&&"r
"!==e&&a&&o.length){const t=r._reversePixels?st:it;if(!s)return
t(o,e,i);if(n._sharedOptions){const s=o[0],n="function"===typeof
s.getRange&&s.getRange(e);if(n){const s=t(o,e,i-
n),a=t(o,e,i+n);return{lo:s.lo,hi:a.hi}}}}return{lo:0,hi:o.length-1}}function
Hi(t,e,i,s,n){const o=t.getSortedVisibleDatasetMetas(),a=i[e];for(let
t=0,i=o.length;t<i;++t){const{index:i,data:r}=o[t],
{lo:l,hi:h}=Ni(o[t],e,a,n);for(let t=l;t<=h;++t){const
e=r[t];e.skip||s(e,i,t)}}}function ji(t,e,i,s,n){const o=

```

```

[];if(!n&&!t.isPointInArea(e))return o;return Hi(t,i,e,(function(i,a,r)
{(n|Re(i,t.chartArea,0))&&i.inRange(e.x,e.y,s)&&o.push({element:i,datasetIndex:a,i
ndex:r}))},!0),o}function $i(t,e,i,s,n,o){let a=[];const r=function(t){const
e=-1!==t.indexOf("x"),i=-1!==t.indexOf("y");return function(t,s){const n=e?
Math.abs(t.x-s.x):0,o=i?Math.abs(t.y-s.y):0;return
Math.sqrt(Math.pow(n,2)+Math.pow(o,2))}(i);let l=Number.POSITIVE_INFINITY;return
Hi(t,i,e,(function(i,h,c){const d=i.inRange(e.x,e.y,n);if(s&&!d)return;const
u=i.getCenterPoint(n);if(!(!o|t.isPointInArea(u))&&!d)return;const f=r(e,u);f<l?
(a=
[{element:i,datasetIndex:h,index:c}],l=f):f===l&&a.push({element:i,datasetIndex:h,i
ndex:c}))},a)function Yi(t,e,i,s,n,o){return o|t.isPointInArea(e)?"r"!==i|s?
$i(t,e,i,s,n,o):function(t,e,i,s){let n=[];return Hi(t,i,e,(function(t,i,o)
{const{startAngle:a,endAngle:r}=t.getProps(["startAngle","endAngle"],s),
{angle:l}=X(t,
{x:e.x,y:e.y});Z(l,a,r)&&n.push({element:t,datasetIndex:i,index:o}))},n)(t,e,i,n):
[]}function Ui(t,e,i,s,n){const o=[],a="x"===i?"inXRange":"inYRange";let
r=!l;return Hi(t,i,e,((t,s,l)=>{t[a](e[i],n)&&
(o.push({element:t,datasetIndex:s,index:l}),r=r|t.inRange(e.x,e.y,n))}),s&&!r?
[]:o}var Xi={evaluateInteractionItems:Hi,modes:{index(t,e,i,s){const
n=ve(e,t),o=i.axis||"x",a=i.includeInvisible||!l,r=i.intersect?
ji(t,n,o,s,a):Yi(t,n,o,!l,s,a),l=[];return r.length?
(t.getSortedVisibleDatasetMetas().forEach((t=>{const
e=r[0].index,i=t.data[e];i&&!i.skip&&l.push({element:i,datasetIndex:t.index,index:e
}))),l:[]},dataset(t,e,i,s){const
n=ve(e,t),o=i.axis||"xy",a=i.includeInvisible||!l;let r=i.intersect?
ji(t,n,o,s,a):Yi(t,n,o,!l,s,a);if(r.length>0){const
e=r[0].datasetIndex,i=t.getDatasetMeta(e).data;r=[];for(let
t=0;t<i.length;++t)r.push({element:i[t],datasetIndex:e,index:t})}return r},point:
(t,e,i,s)=>ji(t,ve(e,t),i.axis||"xy",s,i.includeInvisible||!l),nearest(t,e,i,s)
{const n=ve(e,t),o=i.axis||"xy",a=i.includeInvisible||!l;return
Yi(t,n,o,i.intersect,s,a)},x:(t,e,i,s)=>Ui(t,ve(e,t),"x",i.intersect,s),y:
(t,e,i,s)=>Ui(t,ve(e,t),"y",i.intersect,s)};const qi=
["left","top","right","bottom"];function Ki(t,e){return
t.filter((t=>t.pos===e))}function Gi(t,e){return
t.filter((t=>-1===qi.indexOf(t.pos)&&t.box.axis===e))}function Zi(t,e){return
t.sort(((t,i)=>{const s=e?i:t,n=e?t:i;return s.weight===n.weight?s.index-
n.index:s.weight-n.weight}))}function Ji(t,e){const i=function(t){const e=
{};for(const i of t)
{const{stack:t,pos:s,stackWeight:n}=i;if(!t||!qi.includes(s))continue;const
o=e[t]||{count:0,placed:0,weight:0,size:0};o.count++,o.weight+=n}return e}
(t),{vBoxMaxWidth:s,hBoxMaxHeight:n}=e;let o,a,r;for(o=0,a=t.length;o<a;++o)
{r=t[o];const{fullSize:a}=r.box,l=i[r.stack],h=l&&r.stackWeight/l.weight;r.horizont
al?(r.width=h?h*s:a&&e.availableWidth,r.height=n):(r.width=s,r.height=h?
h*n:a&&e.availableHeight)}return i}function Qi(t,e,i,s){return
Math.max(t[i],e[i])+Math.max(t[s],e[s])}function ts(t,e)
{t.top=Math.max(t.top,e.top),t.left=Math.max(t.left,e.left),t.bottom=Math.max(t.bot
tom,e.bottom),t.right=Math.max(t.right,e.right)}function es(t,e,i,s)
{const{pos:n,box:a}=i,r=t.maxPadding;if(!o(n)){i.size&&(t[n]-=i.size);const
e=s[i.stack]||{size:0,count:1};e.size=Math.max(e.size,i.horizontal?
a.height:a.width),i.size=e.size/e.count,t[n]+=i.size}a.getPadding&&ts(r,a.getPaddin
g());const l=Math.max(0,e.outerWidth-
Qi(r,t,"left","right")),h=Math.max(0,e.outerHeight-
Qi(r,t,"top","bottom")),c=l!==t.w,d=h!==t.h;return t.w=l,t.h=h,i.horizontal?
{same:c,other:d}:{same:d,other:c}}function is(t,e){const i=e.maxPadding;function
s(t){const s={left:0,top:0,right:0,bottom:0};return t.forEach((t=>
{s[t]=Math.max(e[t],i[t])}),s)}return s(t?["left","right"]:[
"top","bottom"])}function ss(t,e,i,s){const n=[];let
o,a,r,l,h,c;for(o=0,a=t.length,h=0;o<a;++o)

```

```

{r=t[o],l=r.box,l.update(r.width||e.w,r.height||e.h,is(r.horizontal,e));const{same:
a,other:d}=es(e,i,r,s);h|=a&& n.length,c=c||d,l.fullSize||n.push(r)}return
h&&ss(n,e,i,s)||c}function ns(t,e,i,s,n)
{t.top=i,t.left=e,t.right=e+s,t.bottom=i+n,t.width=s,t.height=n}function
os(t,e,i,s){const n=i.padding;let{x:o,y:a}=e;for(const r of t){const
t=r.box,l=s[r.stack]||
{count:1,placed:0,weight:1},h=r.stackWeight/l.weight||1;if(r.horizontal){const
s=e.w*h,o=l.size||t.height;k(l.start)&&(a=l.start),t.fullSize?
ns(t,n.left,a,i.outerWidth-n.right-
n.left,o):ns(t,e.left+l.placed,a,s,o),l.start=a,l.placed+=s,a=t.bottom}else{const
s=e.h*h,a=l.size||t.width;k(l.start)&&(o=l.start),t.fullSize?
ns(t,o,n.top,a,i.outerHeight-n.bottom-
n.top):ns(t,o,e.top+l.placed,a,s),l.start=o,l.placed+=s,o=t.right}}e.x=o,e.y=a}var
as={addBox(t,e){t.bboxes||(t.bboxes=
[]),e.fullSize=e.fullSize||!1,e.position=e.position||"top",e.weight=e.weight||0,e._
layers=e._layers||function(){return[{z:0,draw(t)
{e.draw(t)}}]},t.bboxes.push(e)},removeBox(t,e){const i=t.bboxes?
t.bboxes.indexOf(e):-1;-1!==i&&t.bboxes.splice(i,1)},configure(t,e,i)
{e.fullSize=i.fullSize,e.position=i.position,e.weight=i.weight},update(t,e,i,s)
{if(!t)return;const n=ki(t.options.layout.padding),o=Math.max(e-
n.width,0),a=Math.max(i-n.height,0),r=function(t){const e=function(t){const e=
[];let i,s,n,o,a,r;for(i=0,s=(t||[]).length;i<s;++i)n=t[i],({position:o,options:
{stack:a,stackWeight:r=1}}=n),e.push({index:i,box:n,pos:o,horizontal:n.isHorizontal
(),weight:n.weight,stack:a&&o+a,stackWeight:r});return e}
(t),i=Zi(e.filter((t=>t.box.fullSize)),!0),s=Zi(Ki(e,"left"),!0),n=Zi(Ki(e,"right")
),o=Zi(Ki(e,"top"),!0),a=Zi(Ki(e,"bottom")),r=Gi(e,"x"),l=Gi(e,"y");return{fullSize
:i,leftAndTop:s.concat(o),rightAndBottom:n.concat(l).concat(a).concat(r),chartArea:
Ki(e,"chartArea"),vertical:s.concat(n).concat(l),horizontal:o.concat(a).concat(r)}}
(t.bboxes),l=r.vertical,h=r.horizontal;u(t.bboxes,(t=>{"function"===typeof
t.beforeLayout&&t.beforeLayout()}));const
c=l.reduce(((t,e)=>e.box.options&&!1===e.box.options.display?
t:t+1),0)||1,d=Object.freeze({outerWidth:e,outerHeight:i,padding:n,availableWidth:o
,availableHeight:a,vBoxMaxWidth:o/2/c,hBoxMaxHeight:a/2}),f=Object.assign({},n);ts(
f,ki(s));const
g=Object.assign({maxPadding:f,w:o,h:a,x:n.left,y:n.top},n),p=Ji(l.concat(h),d);ss(r
.fullSize,g,d,p),ss(l,g,d,p),ss(h,g,d,p)&&ss(l,g,d,p),function(t){const
e=t.maxPadding;function i(i){const s=Math.max(e[i]-t[i],0);return
t[i]+=s,s}t.y+=i("top"),t.x+=i("left"),i("right"),i("bottom")}
(g),os(r.leftAndTop,g,d,p),g.x+=g.w,g.y+=g.h,os(r.rightAndBottom,g,d,p),t.chartArea
=
{left:g.left,top:g.top,right:g.left+g.w,bottom:g.top+g.h,height:g.h,width:g.w},u(r.
chartArea,(e=>{const i=e.box;Object.assign(i,t.chartArea),i.update(g.w,g.h,
{left:0,top:0,right:0,bottom:0})})));class rs{acquireContext(t,e)
{}releaseContext(t){return!1}addEventListener(t,e,i){}removeEventListener(t,e,i)
{}getDevicePixelRatio(){return 1}getMaximumSize(t,e,i,s){return
e=Math.max(0,e||t.width),i=i||t.height,{width:e,height:Math.max(0,s?
Math.floor(e/s):i)}}isAttached(t){return!0}updateConfig(t){}}class ls extends
rs{acquireContext(t){return
t&&t.getContext&&t.getContext("2d")||null}updateConfig(t)
{t.options.animation=!1}const hs="$chartjs",cs=
{touchstart:"mousedown",touchmove:"mousemove",touchend:"mouseup",pointerenter:"mous
eenter",pointerdown:"mousedown",pointermove:"mousemove",pointerup:"mouseup",pointer
leave:"mouseout",pointerout:"mouseout"},ds=t=>null===t||" "==t;const us=!1Se&&
{passive:!0};function fs(t,e,i){t.canvas.removeEventListener(e,i,us)}function
gs(t,e){for(const i of t)if(i===e||i.contains(e))return!0}function ps(t,e,i){const
s=t.canvas,n=new MutationObserver((t=>{let e=!1;for(const i of
t)e=e||gs(i.addedNodes,s),e=e&&!gs(i.removedNodes,s);e&&i()}));return
n.observe(document,{childList:!0,subtree:!0}),n}function ms(t,e,i){const

```

```

s=t.canvas,n=new MutationObserver((t=>{let e=!1;for(const i of
t)e=e||gs(i.removedNodes,s),e=e&&!gs(i.addedNodes,s);e&&i()}));return
n.observe(document,{childList:!0,subtree:!0}),n}const bs=new Map;let xs=0;function
_s(){const t=window.devicePixelRatio;t!==xs&&(xs=t,bs.forEach((e,i)=>
{i.currentDevicePixelRatio!==t&&e()}))}function ys(t,e,i){const
s=t.canvas,n=s&&ge(s);if(!n)return;const o=ct((t,e)=>{const
s=n.clientWidth;i(t,e),s<n.clientWidth&&i()}),window),a=new ResizeObserver((t=>
{const
e=t[0],i=e.contentRect.width,s=e.contentRect.height;0===i&&0===s||o(i,s)}));return
a.observe(n),function(t,e)
{bs.size||window.addEventListener("resize",_s),bs.set(t,e)}(t,o),a}function
vs(t,e,i){i&&i.disconnect(),"resize"===e&&function(t)
{bs.delete(t),bs.size||window.removeEventListener("resize",_s)}(t)}function
Ms(t,e,i){const s=t.canvas,n=ct((e=>{null!==t.ctx&&i(function(t,e){const
i=cs[t.type]||t.type,{x:s,y:n}=ve(t,e);return{type:i,chart:e,native:t,x:void 0!==(s?
s:null,y:void 0!==(n?n:null)}(e,t)})),t);return function(t,e,i)
{t.addEventListener(e,i,us)}(s,e,n),n}class ws extends rs{acquireContext(t,e){const
i=t&&t.getContext&&t.getContext("2d");return i&&i.canvas===t?(function(t,e){const
i=t.style,s=t.getAttribute("height"),n=t.getAttribute("width");if(t[hs]={initial:
{height:s,width:n,style:
{display:i.display,height:i.height,width:i.width}}},i.display=i.display||"block",i.
boxSizing=i.boxSizing||"border-box",ds(n)){const e=Pe(t,"width");void 0!==(e&&
(t.width=e))if(ds(s))if("===t.style.height)t.height=t.width/(e||2);else{const
e=Pe(t,"height");void 0!==(e&&(t.height=e))}(t,e),i:null}releaseContext(t){const
e=t.canvas;if(!e[hs])return!1;const i=e[hs].initial;["height","width"].forEach((t=>
{const n=i[t];s(n)?e.removeAttribute(t):e.setAttribute(t,n)}));const n=i.style||
{};return Object.keys(n).forEach((t=>{e.style[t]=n[t]})),e.width=e.width,delete
e[hs],!0}addEventListener(t,e,i){this.removeEventListener(t,e);const s=t.$proxies||
(t.$proxies={}),n={attach:ps,detach:ms,resize:ys}
[e]||Ms;s[e]=n(t,e,i);removeEventListener(t,e){const i=t.$proxies||t.$proxies=
{}),s=i[e];if(!s)return;({attach:vs,detach:vs,resize:vs}[e]||fs)(t,e,s),i[e]=void
0}getDevicePixelRatio(){return window.devicePixelRatio}getMaximumSize(t,e,i,s)
{return we(t,e,i,s)}isAttached(t){const e=ge(t);return!
(!e||!e.isConnected)}}function ks(t){return!fe()||"undefined"!==typeof
OffscreenCanvas&&t instanceof OffscreenCanvas?ls:ws}var
Ss=Object.freeze({__proto__:null,BasePlatform:rs,BasicPlatform:ls,DomPlatform:ws,_d
etectPlatform:ks});const Ps="transparent",Ds={boolean:(t,e,i)=>i>.5?
e:t,color(t,e,i){const s=Qt(t|Ps),n=s.valid&&Qt(e|Ps);return n&&n.valid?
n.mix(s,i).hexString():e,number:(t,e,i)=>t+(e-t)*i};class Cs{constructor(t,e,i,s)
{const n=e[i];s=Pi([t.to,s,n,t.from]);const
o=Pi([t.from,n,s]);this._active=!0,this._fn=t.fn|Ds[t.type]||typeof
o,this._easing=fi[t.easing]||fi.linear,this._start=Math.floor(Date.now()+
(t.delay||0)),this._duration=this._total=Math.floor(t.duration),this._loop=!!t.loop
,this._target=e,this._prop=i,this._from=o,this._to=s,this._promises=void 0}active()
{return this._active}update(t,e,i){if(this._active){this._notify(!1);const
s=this._target[this._prop],n=i-this._start,o=this._duration-
n;this._start=i,this._duration=Math.floor(Math.max(o,t.duration)),this._total+=n,th
is._loop=!!t.loop,this._to=Pi([t.to,e,s,t.from]),this._from=Pi([t.from,s,e])}cance
l(){this._active&&(this.tick(Date.now()),this._active=!1,this._notify(!1))}tick(t)
{const e=t-
this._start,i=this._duration,s=this._prop,n=this._from,o=this._loop,a=this._to;let
r;if(this._active=n!==(a&&(o|e<i),!this._active)return this._target[s]=a,void
this._notify(!0);e<0?this._target[s]=n:(r=e/i%2,r=o&&r>1?2-
r:r,r=this._easing(Math.min(1,Math.max(0,r))),this._target[s]=this._fn(n,a,r))}wait
(){const t=this._promises||this._promises=[];return new Promise(((e,i)=>
{t.push({res:e,rej:i})))})}notify(t){const e=t?"res":"rej",i=this._promises||
[];for(let t=0;t<i.length;t++)i[t][e]()}}class Os{constructor(t,e)
{this._chart=t,this._properties=new Map,this.configure(e)}configure(t)

```

```

{if(!o(t))return;const
e=Object.keys(ue.animation),i=this._properties;Object.getOwnPropertyNames(t).forEac
h((s=>{const a=t[s];if(!o(a))return;const r={};for(const t of e)r[t]=a[t];
(n(a.properties)&&a.properties||[s]).forEach((t=>
{t!=s&&i.has(t)||i.set(t,r)}))}})}_animateOptions(t,e){const
i=e.options,s=function(t,e){if(!e)return;let i=t.options;if(!i)return
void(t.options=e);i.$shared&&(t.options=i=Object.assign({},i,
{$shared:!1,$animations:{}}));return i}(t,i);if(!s)return[];const
n=this._createAnimations(s,i);return i.$shared&&function(t,e){const i=
[],s=Object.keys(e);for(let e=0;e<s.length;e++){const
n=t[s[e]];n&&n.active()&&i.push(n.wait())}return Promise.all(i)}
(t.options.$animations,i).then((()=>{t.options=i}),(()=>>
{})),n}_createAnimations(t,e){const i=this._properties,s=[],n=t.$animations||
(t.$animations={},o=Object.keys(e),a=Date.now();let r;for(r=o.length-1;r>=0;--r)
{const l=o[r];if("$"===l.charAt(0))continue;if("options"===l)
{s.push(...this._animateOptions(t,e));continue}const h=e[l];let c=n[l];const
d=i.get(l);if(c){if(d&&c.active())
{c.update(d,h,a);continue}c.cancel()}d&&d.duration?(n[l]=c=new
Cs(d,t,l,h),s.push(c)):t[l]=h}return s}update(t,e)
{if(0===this._properties.size)return void Object.assign(t,e);const
i=this._createAnimations(t,e);return i.length?(xt.add(this._chart,i,!0):void
0)}function As(t,e){const i=t&&t.options||{},s=i.reverse,n=void 0===i.min?
e:0,o=void 0===i.max?e:0;return{start:s?o:n,end:s?n:o}}function Ts(t,e){const i=
[],s=t._getSortedDatasetMetas(e);let
n,o;for(n=0,o=s.length;n<o;++n)i.push(s[n].index);return i}function Ls(t,e,i,s={})
{const n=t.keys,o="single"===s.mode;let r,l,h,c;if(null!==e)
{for(r=0,l=n.length;r<l;++r){if(h+=n[r],h===i)
{if(s.all)continue;break}c=t.values[h],a(c)&&(o||0===e||F(e)===F(c))&&(e+=c)}return
e}function Es(t,e){const i=t&&t.options.stacked;return i||void 0===i&&void
0!==e.stack}function Rs(t,e,i){const s=t[e]||{t[e]={}};return s[i]||(s[i]=
{})}function Is(t,e,i,s){for(const n of e.getMatchingVisibleMetas(s).reverse())
{const e=t[n.index];if(i&&e>0||!i&&e<0)return n.index}return null}function zs(t,e)
{const{chart:i,_cachedMeta:s}=t,n=i._stacks||(i._stacks={}),
{iScale:o,vScale:a,index:r}=s,l=o.axis,h=a.axis,c=function(t,e,i)
{return`${t.id}.${e.id}.${i.stack||i.type}`} (o,a,s),d=e.length;let u;for(let
t=0;t<d;++t){const i=e[t],[l]:o,[h]:d=i;u=(i._stacks||(i._stacks={}))
[h]=Rs(n,c,o),u[r]=d,u._top=Is(u,a,!0,s.type),u._bottom=Is(u,a,!1,s.type);
(u._visualValues||(u._visualValues={}))[r]=d}}function Fs(t,e){const
i=t.scales;return Object.keys(i).filter((t=>i[t].axis===e)).shift()}function
Vs(t,e){const i=t.controller.index,s=t.vScale&&t.vScale.axis;if(s)
{e=e||t._parsed;for(const t of e){const e=t._stacks;if(!e||void 0===e[s]||void
0===e[s][i])return;delete e[s][i],void 0!==e[s]._visualValues&&void
0!==e[s]._visualValues[i]&&delete e[s]._visualValues[i]}}const
Bs=t>"reset"===t||"none"===t,Ws=(t,e)=>e?t:Object.assign({},t);class Ns{static
defaults={};static datasetElementType=null;static
dataElementType=null;constructor(t,e)
{this.chart=t,this.ctx=t.ctx,this.index=e,this._cachedDataOpts=
{},this._cachedMeta=this.getMeta(),this.type=this._cachedMeta.type,this.options=vo
id 0,this._parsing=!1,this._data=void 0,this._objectData=void
0,this._sharedOptions=void 0,this._drawStart=void 0,this._drawCount=void
0,this.enableOptionSharing=!1,this.supportsDecimation=!1,this.$context=void
0,this._syncList=
[],this.datasetElementType=new.target.datasetElementType,this.dataElementType=new.t
arget.dataElementType,this.initialize()}initialize(){const
t=this._cachedMeta;this.configure(),this.linkScales(),t._stacked=Es(t.vScale,t),thi
s.addElements(),this.options.fill&&!this.chart.isPluginEnabled("filler")&&console.w
arn("Tried to use the 'fill' option without the 'Filler' plugin enabled. Please
import and register the 'Filler' plugin and make sure it is not disabled in the

```

```

options"))updateIndex(t)
{this.index!==t&&Vs(this._cachedMeta),this.index=t}linkScales(){const
t=this.chart,e=this._cachedMeta,i=this.getDataset(),s=(t,e,i,s)=>"x"===t?e:"r"===t?
s:i,n=e.xAxisID=l(i.xAxisID,Fs(t,"x")),o=e.yAxisID=l(i.yAxisID,Fs(t,"y")),a=e.rAxis
ID=l(i.rAxisID,Fs(t,"r")),r=e.indexAxis,h=e.iAxisID=s(r,n,o,a),c=e.vAxisID=s(r,o,n,
a);e.xScale=this.getScaleForId(n),e.yScale=this.getScaleForId(o),e.rScale=this.getS
caleForId(a),e.iScale=this.getScaleForId(h),e.vScale=this.getScaleForId(c)}getDatas
et(){return this.chart.data.datasets[this.index]}getMeta(){return
this.chart.getDatasetMeta(this.index)}getScaleForId(t){return
this.chart.scales[t]}_getOtherScale(t){const e=this._cachedMeta;return
t===e.iScale?e.vScale:e.iScale}reset(){this._update("reset")}_destroy(){const
t=this._cachedMeta;this._data&&rt(this._data,this),t._stacked&&Vs(t)}_dataCheck()
{const t=this.getDataset(),e=t.data||(t.data=
[]),i=this._data;if(o(e))this._data=function(t){const e=Object.keys(t),i=new
Array(e.length);let s,n,o;for(s=0,n=e.length;s<n;++s)o=e[s],i[s]=
{x:o,y:t[o]};return i};return i};else if(i!==e){if(i){rt(i,this);const
t=this._cachedMeta;Vs(t),t._parsed=
[]}}e&&Object.isExtensible(e)&&at(e,this),this._syncList=
[],this._data=e}addElements(){const
t=this._cachedMeta;this._dataCheck(),this.datasetElementType&&(t.dataset=new
this.datasetElementType)}buildOrUpdateElements(t){const
e=this._cachedMeta,i=this.getDataset();let s=!1;this._dataCheck();const
n=e._stacked;e._stacked=Es(e.vScale,e),e.stack!==i.stack&&
(s=!0,Vs(e),e.stack=i.stack),this._resyncElements(t),
(s||n!==e._stacked)&&zs(this,e._parsed)}configure(){const
t=this.chart.config,e=t.datasetScopeKeys(this._type),i=t.getOptionScopes(this.getDa
taset(),e,!0);this.options=t.createResolver(i,this.getContext()),this._parsing=this
.options.parsing,this._cachedDataOpts={}}parse(t,e)
{const{_cachedMeta:i,_data:s}=this,{iScale:a,_stacked:r}=i,l=a.axis;let
h,c,d,u=0===t&&e===s.length||i._sorted,f=t>0&&i._parsed[t-
1];if(!1===this._parsing)i._parsed=s,i._sorted=!0,d=s;else{d=n(s[t])?
this.parseArrayData(i,s,t,e):o(s[t])?
this.parseObjectData(i,s,t,e):this.parsePrimitiveData(i,s,t,e);const a=
()=>null===c[l]||f&&c[l]<f[l];for(h=0;h<e;++h)i._parsed[h+t]=c=d[h],u&&(a()&&
(u=!1),f=c);i._sorted=u}r&&zs(this,d)}parsePrimitiveData(t,e,i,s)
{const{iScale:n,vScale:o}=t,a=n.axis,r=o.axis,l=n.getLabels(),h=n===o,c=new
Array(s);let d,u,f;for(d=0,u=s;d<u;++d)f=d+i,c[d]={[a]:h|n.parse(l[f],f),
[r]:o.parse(e[f],f)};return c}parseArrayData(t,e,i,s)
{const{xScale:n,yScale:o}=t,a=new Array(s);let
r,l,h,c;for(r=0,l=s;r<l;++r)h=r+i,c=e[h],a[r]=
{x:n.parse(c[0],h),y:o.parse(c[1],h)};return a}parseObjectData(t,e,i,s)
{const{xScale:n,yScale:o}=t,{xAxisKey:a="x",yAxisKey:r="y"}=this._parsing,l=new
Array(s);let h,c,d,u;for(h=0,c=s;h<c;++h)d=h+i,u=e[d],l[h]=
{x:n.parse(M(u,a),d),y:o.parse(M(u,r),d)};return l}getParsed(t){return
this._cachedMeta._parsed[t]}getDataElement(t){return
this._cachedMeta.data[t]}applyStack(t,e,i){const
s=this.chart,n=this._cachedMeta,o=e[t.axis];return
Ls({keys:Ts(s,!0),values:e._stacks[t.axis]._visualValues},o,n.index,
{mode:i})}updateRangeFromParsed(t,e,i,s){const n=i[e.axis];let o=null===n?
NaN:n;const a=s&&i._stacks[e.axis];s&&a&&
(s.values=a,o=Ls(s,n,this._cachedMeta.index)),t.min=Math.min(t.min,o),t.max=Math.ma
x(t.max,o)}getMinMax(t,e){const
i=this._cachedMeta,s=i._parsed,n=i._sorted&&t===i.iScale,o=s.length,r=this._getOthe
rScale(t),l=((t,e,i)=>t&&!e.hidden&&e._stacked&&{keys:Ts(i,!0),values:null})
(e,i,this.chart),h={min:Number.POSITIVE_INFINITY,max:Number.NEGATIVE_INFINITY},
{min:c,max:d}=function(t)
{const{min:e,max:i,minDefined:s,maxDefined:n}=t.getUserBounds();return{min:s?
e:Number.NEGATIVE_INFINITY,max:n?i:Number.POSITIVE_INFINITY}}(r);let u,f;function

```

```

g(){f=s[u];const e=f[r.axis];return!a(f[t.axis])||c>e||d<e}for(u=0;u<o&&(g()||
(this.updateRangeFromParsed(h,t,f,l),!n));++u);if(n)for(u=o-1;u>=0;--u)if(!g())
{this.updateRangeFromParsed(h,t,f,l);break}return h}getAllParsedValues(t){const
e=this._cachedMeta.parsed,i=[];let s,n,o;for(s=0,n=e.length;s<n;++s)o=e[s]
[t.axis],a(o)&&i.push(o);return i}getMaxOverflow(){return!1}getLabelAndValue(t)
{const
e=this._cachedMeta,i=e.iScale,s=e.vScale,n=this.getParsed(t);return{label:i?" "+i.ge
tLabelForValue(n[i.axis]):"",value:s?" "+s.getLabelForValue(n[s.axis]):""}}_update(t)
{const e=this._cachedMeta;this.update(t||"default"),e._clip=function(t){let
e,i,s,n;return o(t)?(e=t.top,i=t.right,s=t.bottom,n=t.left):e=i=s=n=t,
{top:e,right:i,bottom:s,left:n,disabled:!1===t}}
(l(this.options.clip,function(t,e,i){if(!1===i)return!1;const
s=As(t,i),n=As(e,i);return{top:n.end,right:s.end,bottom:n.start,left:s.start}}
(e.xScale,e.yScale,this.getMaxOverflow()))}update(t){const
t=this._ctx,e=this.chart,i=this._cachedMeta,s=i.data||[],n=e.chartArea,o=
[],a=this._drawStart||0,r=this._drawCount||s.length-
a,l=this.options.drawActiveElementsOnTop;let
h;for(i.dataset&&i.dataset.draw(t,n,a,r),h=a;h<a+r;++h){const e=s[h];e.hidden||
(e.active&&l?
o.push(e):e.draw(t,n))}for(h=0;h<o.length;++h)o[h].draw(t,n)}getStyle(t,e){const
i=e?"active":"default";return void 0===t&&this._cachedMeta.dataset?
this.resolveDatasetElementOptions(i):this.resolveDataElementOptions(t||0,i)}getCont
ext(t,e,i){const s=this.getDataset();let n;if(t>=0&&t<this._cachedMeta.data.length)
{const e=this._cachedMeta.data[t];n=e.$context||(e.$context=function(t,e,i){return
Ci(t,{active:!1,dataIndex:e,parsed:void 0,raw:void
0,element:i,index:e,mode:"default",type:"data"})})
(this.getContext(),t,e)),n.parsed=this.getParsed(t),n.raw=s.data[t],n.index=n.dataI
ndex=t}else n=this.$context||(this.$context=function(t,e){return Ci(t,
{active:!1,dataset:void 0,datasetIndex:e,index:e,mode:"default",type:"dataset"})})
(this.chart.getContext(),this.index)),n.dataset=s,n.index=n.datasetIndex=this.index
;return n.active!!e,n.mode=i,n}resolveDatasetElementOptions(t){return
this._resolveElementOptions(this.datasetElementType.id,t)}resolveDataElementOptions
(t,e){return
this._resolveElementOptions(this.dataElementType.id,e,t)}_resolveElementOptions(t,e
="default",i){const s="active"===e,n=this._cachedDataOpts,o=t+"-
"+e,a=n[o],r=this.enableOptionSharing&&k(i);if(a)return Ws(a,r);const
l=this.chart.config,h=l.datasetElementScopeKeys(this._type,t),c=s?
[`${t}Hover`,`hover`,t,""]:
[t,""],d=l.getOptionScopes(this.getDataset(),h),u=Object.keys(ue.elements[t]),f=l.r
esolveNamedOptions(d,u,(()=>this.getContext(i,s,e)),c);return f.$shared&&
(f.$shared=r,n[o]=Object.freeze(Ws(f,r))),f}_resolveAnimations(t,e,i){const
s=this.chart,n=this._cachedDataOpts,o=`animation-${e}`,a=n[o];if(a)return a;let
r;if(!1===s.options.animation){const
s=this.chart.config,n=s.datasetAnimationScopeKeys(this._type,e),o=s.getOptionScopes
(this.getDataset(),n);r=s.createResolver(o,this.getContext(t,i,e))}const l=new
Os(s,r&&r.animations);return r&&r._cacheable&&
(n[o]=Object.freeze(l)),l}getSharedOptions(t){if(t.$shared)return
this._sharedOptions||(this._sharedOptions=Object.assign({},t))}includeOptions(t,e)
{return!e||Bs(t)||this.chart._animationsDisabled}_getSharedOptions(t,e){const
i=this.resolveDataElementOptions(t,e),s=this._sharedOptions,n=this.getSharedOptions
(i),o=this.includeOptions(e,n)||n!==s;return this.updateSharedOptions(n,e,i),
{sharedOptions:n,includeOptions:o}}updateElement(t,e,i,s){Bs(s)?
Object.assign(t,i):this._resolveAnimations(e,s).update(t,i)}updateSharedOptions(t,e
,i){t&&!Bs(e)&&this._resolveAnimations(void 0,e).update(t,i)}_setStyle(t,e,i,s)
{t.active=s;const n=this.getStyle(e,s);this._resolveAnimations(e,i,s).update(t,
{options:!s&&this.getSharedOptions(n)||n})}removeHoverStyle(t,e,i)
{this._setStyle(t,i,"active",!1)}setHoverStyle(t,e,i)
{this._setStyle(t,i,"active",!0)}_removeDatasetHoverStyle(){const

```

```

t=this._cachedMeta.dataset;t&&this._setStyle(t,void
0,"active",!1)}_setDatasetHoverStyle(){const
t=this._cachedMeta.dataset;t&&this._setStyle(t,void
0,"active",!0)}_resyncElements(t){const
e=this._data,i=this._cachedMeta.data;for(const[t,e,i]of this._syncList)this[t]
(e,i);this._syncList=[];const
s=i.length,n=e.length,o=Math.min(n,s);o&&this.parse(0,o),n>s?
this._insertElements(s,n-s,t):n<s&&this._removeElements(n,s-
n)}_insertElements(t,e,i=!0){const s=this._cachedMeta,n=s.data,o=t+e;let a;const
r=t=>{for(t.length+=e,a=t.length-1;a>=o;a--)t[a]=t[a-
e]};for(r(n),a=t;a<o;++a)n[a]=new
this.dataElementType;this._parsing&&r(s._parsed),this.parse(t,e),i&&this.updateElem
ents(n,t,e,"reset")}updateElements(t,e,i,s){_removeElements(t,e){const
i=this._cachedMeta;if(this._parsing){const
s=i._parsed.splice(t,e);i._stacked&&Vs(i,s)}i.data.splice(t,e)}_sync(t)
{if(this._parsing)this._syncList.push(t);else{const[e,i,s]=t;this[e]
(i,s)}this.chart._dataChanges.push([this.index,...t])}_onDataPush(){const
t=arguments.length;this._sync(["_insertElements",this.getDataset().data.length-
t,t])}_onDataPop(){this._sync(["_removeElements",this._cachedMeta.data.length-
1,1])}_onDataShift(){this._sync(["_removeElements",0,1])}_onDataSplice(t,e)
{e&&this._sync(["_removeElements",t,e]);const i=arguments.length-
2;i&&this._sync(["_insertElements",t,i])}_onDataUnshift()
{this._sync(["_insertElements",0,arguments.length])}}class Hs{static defaults=
{};static defaultRoutes=void 0;x;y;active=!1;options;$animations;tooltipPosition(t)
{const{x:e,y:i}=this.getProps(["x","y"],t);return{x:e,y:i}}hasValue(){return
N(this.x)&&N(this.y)}getProps(t,e){const i=this.$animations;if(!e||!i)return
this;const s={};return t.forEach((t=>{s[t]=i[t]&&i[t].active()}
i[t]._to:this[t]))},s}}function js(t,e){const i=t.options.ticks,n=function(t){const
e=t.options.offset,i=t._tickSize(),s=t._length/i+(e?0:1),n=t._maxLength/i;return
Math.floor(Math.min(s,n))}(t),o=Math.min(i.maxTicksLimit|n,n),a=i.major.enabled?
function(t){const e=[];let
i,s;for(i=0,s=t.length;i<s;i++)t[i].major&&e.push(i);return e}(e):
[],r=a.length,l=a[0],h=a[r-1],c=[];if(r>o)return function(t,e,i,s){let
n,o=0,a=i[0];for(s=Math.ceil(s),n=0;n<t.length;n++)n===a&&
(e.push(t[n]),o++,a=i[o*s])}(e,c,a,r/o),c;const d=function(t,e,i){const
s=function(t){const e=t.length;let
i,s;if(e<2)return!1;for(s=t[0],i=1;i<e;++i)if(t[i]-t[i-1]!==s)return!1;return s}
(t),n=e.length/i;if(!s)return Math.max(n,1);const o=W(s);for(let t=0,e=o.length-
1;t<e;t++){const e=o[t];if(e>n)return e}return Math.max(n,1)}(a,e,o);if(r>o){let
t,i;const n=r>1?Math.round((h-l)/(r-1)):null;for($s(e,c,d,s(n)?0:1-n,1),t=0,i=r-
1;t<i;t++)$s(e,c,d,a[t],a[t+1]);return $s(e,c,d,h,s(n)?e.length:h+n),c}return
$s(e,c,d),c}function $s(t,e,i,s,n){const
o=l(s,0),a=Math.min(l(n,t.length),t.length);let r,h,c,d=0;for(i=Math.ceil(i),n&&
(r=n-
s,i=r/Math.floor(r/i)),c=o;c<0;)d++,c=Math.round(o+d*i);for(h=Math.max(o,0);h<a;h++
)h===c&&(e.push(t[h]),d++,c=Math.round(o+d*i))}const Ys=
(t,e,i)=>"top"===e||"left"===e?t[e]+i:t[e]-i,Us=(t,e)=>Math.min(e||t,t);function
Xs(t,e){const i=[],s=t.length/e,n=t.length;let
o=0;for(;o<n;o+=s)i.push(t[Math.floor(o)]);return i}function qs(t,e,i){const
s=t.ticks.length,n=Math.min(e,s-1),o=t._startPixel,a=t._endPixel,r=1e-6;let
l,h=t.getPixelForTick(n);if(!(i&&(l=1===s?Math.max(h-o,a-h):0===e?
(t.getPixelForTick(1)-h)/2:(h-t.getPixelForTick(n-1))/2,h+=n<e?1:-1,h<o-
r||h>a+r)))return h}function Ks(t){return t.drawTicks?t.tickLength:0}function
Gs(t,e){if(!t.display)return 0;const
i=Si(t.font,e),s=ki(t.padding);return(n(t.text)?
t.text.length:1)*i.lineHeight+s.height}function Zs(t,e,i){let
s=ut(t);return(i&&"right"!==e||!i&&"right"===e)&&(s=
(t=>"left"===t?"right":"right"===t?"left":t)(s)),s}class Js extends

```

```

Hs{constructor(t){super(),this.id=t.id,this.type=t.type,this.options=void
0,this.ctx=t.ctx,this.chart=t.chart,this.top=void 0,this.bottom=void
0,this.left=void 0,this.right=void 0,this.width=void 0,this.height=void
0,this._margins={left:0,right:0,top:0,bottom:0},this.maxWidth=void
0,this.maxHeight=void 0,this.paddingTop=void 0,this.paddingBottom=void
0,this.paddingLeft=void 0,this.paddingRight=void 0,this.axis=void
0,this.labelRotation=void 0,this.min=void 0,this.max=void 0,this._range=void
0,this.ticks=
[],this._gridLineItems=null,this._labelItems=null,this._labelSizes=null,this._length=
0,this._maxLength=0,this._longestTextCache={},this._startPixel=void
0,this._endPixel=void 0,this._reversePixels=!1,this._userMax=void
0,this._userMin=void 0,this._suggestedMax=void 0,this._suggestedMin=void
0,this._ticksLength=0,this._borderValue=0,this._cache=
{},this._dataLimitsCached=!1,this.$context=void 0}init(t)
{this.options=t.setContext(this.getContext()),this.axis=t.axis,this._userMin=this.p
arse(t.min),this._userMax=this.parse(t.max),this._suggestedMin=this.parse(t.suggest
edMin),this._suggestedMax=this.parse(t.suggestedMax)}parse(t,e){return
t}getUserBounds()
{let{_userMin:t,_userMax:e,_suggestedMin:i,_suggestedMax:s}=this;return
t=r(t,Number.POSITIVE_INFINITY),e=r(e,Number.NEGATIVE_INFINITY),i=r(i,Number.POSITI
VE_INFINITY),s=r(s,Number.NEGATIVE_INFINITY),
{min:r(t,i),max:r(e,s),minDefined:a(t),maxDefined:a(e)}}getMinMax(t){let e,
{min:i,max:s,minDefined:n,maxDefined:o}=this.getUserBounds();if(n&&o)return{min:i,m
ax:s};const a=this.getMatchingVisibleMetas();for(let
r=0,l=a.length;r<l;++r)e=a[r].controller.getMinMax(this,t),n||
(i=Math.min(i,e.min)),o||(s=Math.max(s,e.max));return i=o&&i>s?s:i,s=n&&i>s?s:i,s,
{min:r(i,r(s,i)),max:r(s,r(i,s))}}getPadding()
{return{left:this.paddingLeft||0,top:this.paddingTop||0,right:this.paddingRight||0,
bottom:this.paddingBottom||0}}getTicks(){return this.ticks}getLabels(){const
t=this.chart.data;return this.options.labels||(this.isHorizontal()?
t.xLabels:t.yLabels)||t.labels||[]}getLabelItems(t=this.chart.chartArea){return
this._labelItems||(this._labelItems=this._computeLabelItems(t))}beforeLayout()
{this._cache={},this._dataLimitsCached=!1}beforeUpdate()
{d(this.options.beforeUpdate,[this])}update(t,e,i)
{const{beginAtZero:s,grace:n,ticks:o}=this.options,a=o.sampleSize;this.beforeUpdate
(),this.maxWidth=t,this.maxHeight=e,this._margins=i=Object.assign({left:0,right:0,t
op:0,bottom:0},i),this.ticks=null,this._labelSizes=null,this._gridLineItems=null,th
is._labelItems=null,this.beforeSetDimensions(),this.setDimensions(),this.afterSetDi
mensions(),this._maxLength=this.isHorizontal()?
this.width+i.left+i.right:this.height+i.top+i.bottom,this._dataLimitsCached||
(this.beforeDataLimits(),this.determineDataLimits(),this.afterDataLimits(),this._ra
nge=Dt(this,n,s),this._dataLimitsCached=!0),this.beforeBuildTicks(),this.ticks=this
._buildTicks()||[],this.afterBuildTicks();const
r=a<this.ticks.length;this._convertTicksToLabels(r?
Xs(this.ticks,a):this.ticks),this.configure(),this.beforeCalculateLabelRotation(),t
his.calculateLabelRotation(),this.afterCalculateLabelRotation(),o.display&&
(o.autoSkip||"auto"===o.source)&&
(this.ticks=js(this,this.ticks),this._labelSizes=null,this.afterAutoSkip()),r&&this
._convertTicksToLabels(this.ticks),this.beforeFit(),this.fit(),this.afterFit(),this
.afterUpdate()}configure(){let t,e,i=this.options.reverse;this.isHorizontal()?
(t=this.left,e=this.right):
(t=this.top,e=this.bottom,i=!i),this._startPixel=t,this._endPixel=e,this._reversePi
xels=i,this._length=e-
t,this._alignToPixels=this.options.alignToPixels}afterUpdate()
{d(this.options.afterUpdate,[this])}beforeSetDimensions()
{d(this.options.beforeSetDimensions,[this])}setDimensions(){this.isHorizontal()?
(this.width=this.maxWidth,this.left=0,this.right=this.width):
(this.height=this.maxHeight,this.top=0,this.bottom=this.height),this.paddingLeft=0,

```

```

this.paddingTop=0,this.paddingRight=0,this.paddingBottom=0}afterSetDimensions()
{d(this.options.afterSetDimensions,[this])}_callHooks(t)
{this.chart.notifyPlugins(t,this.getContext()),d(this.options[t],
[this])}beforeDataLimits()
{this._callHooks("beforeDataLimits")}determineDataLimits(){afterDataLimits()
{this._callHooks("afterDataLimits")}beforeBuildTicks()
{this._callHooks("beforeBuildTicks")}buildTicks(){return[]}afterBuildTicks()
{this._callHooks("afterBuildTicks")}beforeTickToLabelConversion()
{d(this.options.beforeTickToLabelConversion,[this])}generateTickLabels(t){const
e=this.options.ticks;let
i,s,n;for(i=0,s=t.length;i<s;i++)n=t[i],n.label=d(e.callback,
[n.value,i,t],this)}afterTickToLabelConversion()
{d(this.options.afterTickToLabelConversion,[this])}beforeCalculateLabelRotation()
{d(this.options.beforeCalculateLabelRotation,[this])}calculateLabelRotation(){const
t=this.options,e=t.ticks,i=Us(this.ticks.length,t.ticks.maxTicksLimit),s=e.minRotat
ion||0,n=e.maxRotation;let
o,a,r,l=s;if(!this._isVisible()||!e.display||s>=n||i<=1||!this.isHorizontal())retur
n void(this.labelRotation=s);const
h=this._getLabelSizes(),c=h.widest.width,d=h.highest.height,u=J(this.chart.width-
c,0,this.maxWidth);o=t.offset?this.maxWidth/i:u/(i-1),c+6>o&&(o=u/(i-
(t.offset?.5:1)),a=this.maxHeight-Ks(t.grid)-e.padding-
Gs(t.title,this.chart.options.font),r=Math.sqrt(c*c+d*d),l=Y(Math.min(Math.asin(J((
h.highest.height+6)/o,-1,1)),Math.asin(J(a/r,-1,1)))-
Math.asin(J(d/r,-1,1))),l=Math.max(s,Math.min(n,l)),this.labelRotation=l}afterCal
culateLabelRotation(){d(this.options.afterCalculateLabelRotation,
[this])}afterAutoSkip(){beforeFit(){d(this.options.beforeFit,[this])}fit(){const
t={width:0,height:0},{chart:e,options:
{ticks:i,title:s,grid:n}}=this,o=this._isVisible(),a=this.isHorizontal();if(o)
{const o=Gs(s,e.options.font);if(a?(t.width=this.maxWidth,t.height=Ks(n)+o):
(t.height=this.maxHeight,t.width=Ks(n)+o),i.display&&this.ticks.length)
{const{first:e,last:s,widest:n,highest:o}=this._getLabelSizes(),r=2*i.padding,l=$(t
his.labelRotation),h=Math.cos(l),c=Math.sin(l);if(a){const e=i.mirror?
0:c*n.width+h*o.height;t.height=Math.min(this.maxHeight,t.height+e+r)}else{const
e=i.mirror?
0:h*n.width+c*o.height;t.width=Math.min(this.maxWidth,t.width+e+r)}this._calculateP
adding(e,s,c,h)}}this._handleMargins(),a?(this.width=this._length=e.width-
this._margins.left-this._margins.right,this.height=t.height):
(this.width=t.width,this.height=this._length=e.height-this._margins.top-
this._margins.bottom)}_calculatePadding(t,e,i,s){const{ticks:
{align:n,padding:o},position:a}=this.options,r=0!==(this.labelRotation,l="top"!==a&&
"x"===this.axis;if(this.isHorizontal()){const a=this.getPixelForTick(0)-
this.left,h=this.right-this.getPixelForTick(this.ticks.length-1);let c=0,d=0;r?l?
(c=s*t.width,d=i*e.height):(c=i*t.height,d=s*e.width):"start"===n?
d=e.width:"end"===n?c=t.width:"inner"!==n&&
(c=t.width/2,d=e.width/2),this.paddingLeft=Math.max((c-a+o)*this.width/(this.width-
a),0),this.paddingRight=Math.max((d-h+o)*this.width/(this.width-h),0)}else{let
i=e.height/2,s=t.height/2;"start"===n?(i=0,s=t.height):"end"===n&&
(i=e.height,s=0),this.paddingTop=i+o,this.paddingBottom=s+o}}_handleMargins()
{this._margins&&
(this._margins.left=Math.max(this.paddingLeft,this._margins.left),this._margins.top
=Math.max(this.paddingTop,this._margins.top),this._margins.right=Math.max(this.padd
ingRight,this._margins.right),this._margins.bottom=Math.max(this.paddingBottom,this
._margins.bottom))}afterFit(){d(this.options.afterFit,[this])}isHorizontal()
{const{axis:t,position:e}=this.options;return"top"===e||"bottom"===e||"x"===t}isFull
Size(){return this.options.fullSize}_convertTicksToLabels(t){let
e,i;for(this.beforeTickToLabelConversion(),this.generateTickLabels(t),e=0,i=t.lengt
h;e<i;e++)s(t[e].label)&&(t.splice(e,1),i--,e--
);this.afterTickToLabelConversion()}_getLabelSizes(){let t=this._labelSizes;if(!t)

```

```

{const e=this.options.ticks.sampleSize;let i=this.ticks;e<i.length&&
(i=Xs(i,e)),this._labelSizes=t=this._computeLabelSizes(i,i.length,this.options.tick
s.maxTicksLimit)}return t}_computeLabelSizes(t,e,i)
{const{ctx:o,_longestTextCache:a}=this,r=[],l=[],h=Math.floor(e/Us(e,i));let
c,d,f,g,p,m,b,x,_y,v,M=0,w=0;for(c=0;c<e;c+=h)
{if(g=t[c].label,p=this._resolveTickFontOptions(c),o.font=m=p.string,b=a[m]=a[m]||
{data:{},gc:[]},x=p.lineHeight,_y=0,s(g)||n(g))
{if(n(g))for(d=0,f=g.length;d<f;++d)v=g[d],s(v)||n(v)||
(_=Ce(o,b.data,b.gc,_y,v),y+=x)}else
_=Ce(o,b.data,b.gc,_y,g),y=x;r.push(_),l.push(y),M=Math.max(_,M),w=Math.max(y,w)}!fu
nction(t,e){u(t,(t=>{const i=t.gc,s=i.length/2;let n;if(s>e){for(n=0;n<s;++n)delete
t.data[i[n]];i.splice(0,s)}))}(a,e);const k=r.indexOf(M),S=l.indexOf(w),P=t=>
({width:r[t]||0,height:l[t]||0});return{first:P(0),last:P(e-
1),widest:P(k),highest:P(S),widths:r,heights:l}}getLabelForValue(t){return
t}getPixelForValue(t,e){return NaN}getValueForPixel(t){}getPixelForTick(t){const
e=this.ticks;return t<0||t>e.length-1?
null:this.getPixelForValue(e[t].value)}getPixelForDecimal(t){this._reversePixels&&
(t=1-t);const e=this._startPixel+t*this._length;return Q(this._alignToPixels?
Ae(this.chart,e,0):e)}getDecimalForPixel(t){const e=(t-
this._startPixel)/this._length;return this._reversePixels?1-e:e}getBasePixel()
{return this.getPixelForValue(this.getBaseValue())}getBaseValue()
{const{min:t,max:e}=this;return t<0&&e<0?e:t>0&&e>0?t:0}getContext(t){const
e=this.ticks||[];if(t>=0&&t<e.length){const i=e[t];return i.$context||
(i.$context=function(t,e,i){return Ci(t,{tick:i,index:e,type:"tick"})})}
(this.getContext(),t,i))return this.$context||
(this.$context=Ci(this.chart.getContext(),{scale:this,type:"scale"}))}_tickSize()
{const
t=this.options.ticks,e=$(this.labelRotation),i=Math.abs(Math.cos(e)),s=Math.abs(Mat
h.sin(e)),n=this._getLabelSizes(),o=t.autoSkipPadding||0,a=n?
n.widest.width+o:0,r=n?n.highest.height+o:0;return this.isHorizontal()?r*i>a*s?
a/i:r/s:r*s<a*i?r/i:a/s}_isVisible(){const
t=this.options.display;return"auto"!==t?!t:this.getMatchingVisibleMetas().length>0
}_computeGridLineItems(t){const e=this.axis,i=this.chart,s=this.options,
{grid:n,position:a,border:r}=s,h=n.offset,c=this.isHorizontal(),d=this.ticks.length
+(h?1:0),u=Ks(n),f=[],g=r.setContext(this.getContext()),p=g.display?
g.width:0,m=p/2,b=function(t){return Ae(i,t,p)};let
x,_y,v,M,w,k,S,P,D,C,O;if("top"===a)x=b(this.bottom),w=this.bottom-u,S=x-
m,D=b(t.top)+m,O=t.bottom;else if("bottom"===a)x=b(this.top),D=t.top,O=b(t.bottom)-
m,w=x+m,S=this.top+u;else if("left"===a)x=b(this.right),M=this.right-u,k=x-
m,P=b(t.left)+m,C=t.right;else if("right"===a)x=b(this.left),P=t.left,C=b(t.right)-
m,M=x+m,k=this.left+u;else if("x"===e)
{if("center"===a)x=b((t.top+t.bottom)/2+.5);else if(o(a)){const t=Object.keys(a)
[0],e=a[t];x=b(this.chart.scales[t].getPixelForValue(e))}D=t.top,O=t.bottom,w=x+m,S
=w+u}else if("y"===e){if("center"===a)x=b((t.left+t.right)/2);else if(o(a)){const
t=Object.keys(a)[0],e=a[t];x=b(this.chart.scales[t].getPixelForValue(e))}M=x-m,k=M-
u,P=t.left,C=t.right}const
A=l(s.ticks.maxTicksLimit,d),T=Math.max(1,Math.ceil(d/A));for(_=0;_<d;_+=T){const
t=this.getContext(_),e=n.setContext(t),s=r.setContext(t),o=e.lineWidth,a=e.color,l=
s.dash||[],d=s.dashOffset,u=e.tickWidth,g=e.tickColor,p=e.tickBorderDash||
[],m=e.tickBorderDashOffset;y=qs(this,_h),void 0!==y&&(v=Ae(i,y,o),c?
M=k=P=C=v:w=S=D=O=v,f.push({tx1:M,ty1:w,tx2:k,ty2:S,x1:P,y1:D,x2:C,y2:O,width:o,col
or:a,borderDash:l,borderDashOffset:d,tickWidth:u,tickColor:g,tickBorderDash:p,tickB
orderDashOffset:m}))}return
this._ticksLength=d,this._borderValue=x,f}_computeLabelItems(t){const
e=this.axis,i=this.options,
{position:s,ticks:a}=i,r=this.isHorizontal(),l=this.ticks,
{align:h,crossAlign:c,padding:d,mirror:u}=a,f=Ks(i.grid),g=f+d,p=u?-d:g,m=-
$(this.labelRotation),b=[];let

```

```

x,_,y,v,M,w,k,S,P,D,C,O,A="middle";if("top"===s)w=this.bottom-
p,k=this._getXAxisLabelAlignment();else
if("bottom"===s)w=this.top+p,k=this._getXAxisLabelAlignment();else if("left"===s)
{const t=this._getYAxisLabelAlignment(f);k=t.textAlign,M=t.x}else if("right"===s)
{const t=this._getYAxisLabelAlignment(f);k=t.textAlign,M=t.x}else if("x"===e)
{if("center"===s)w=(t.top+t.bottom)/2+g;else if(o(s)){const t=Object.keys(s)
[0],e=s[t];w=this.chart.scales[t].getPixelForValue(e)+g;k=this._getXAxisLabelAlignm
ent()}else if("y"===e){if("center"===s)M=(t.left+t.right)/2-g;else if(o(s)){const
t=Object.keys(s)
[0],e=s[t];M=this.chart.scales[t].getPixelForValue(e)}k=this._getYAxisLabelAlignmen
t(f).textAlign}"y"===e&&("start"===h?A="top":"end"===h&&(A="bottom"));const
T=this._getLabelSizes();for(x=0,_=1.length;x<_;++x){y=l[x],v=y.label;const
t=a.setContext(this.getContext(x));S=this.getPixelForTick(x)+a.labelOffset,P=this._
resolveTickFontOptions(x),D=P.lineHeight,C=n(v)?v.length:1;const
e=C/2,i=t.color,o=t.textStrokeColor,h=t.textStrokeWidth;let d,f=k;if(r?
(M=S,"inner"===k&&(f=x===_1?this.options.reverse?"left":"right":0===x?
this.options.reverse?"right":"left":"center"),O="top"===s?"near"===c||0!==m?-
C*D+D/2:"center"===c?-T.highest.height/2-e*D+D:-
T.highest.height+D/2:"near"===c||0!==m?D/2:"center"===c?T.highest.height/2-
e*D:T.highest.height-C*D,u&&(O*=-1),0===m||t.showLabelBackdrop||
(M+=D/2*Math.sin(m))):(w=S,O=(1-C)*D/2),t.showLabelBackdrop){const
e=ki(t.backdropPadding),i=T.heights[x],s=T.widths[x];let n=O-e.top,o=0-
e.left;switch(A){case"middle":n-=i/2;break;case"bottom":n-=i}switch(k)
{case"center":o-=s/2;break;case"right":o-=s}d=
{left:o,top:n,width:s+e.width,height:i+e.height,color:t.backdropColor}}b.push({labe
l:v,font:P,textOffset:O,options:
{rotation:m,color:i,strokeColor:o,strokeWidth:h,textAlign:f,textBaseline:A,translat
ion:[M,w],backdrop:d}})}return b}_getXAxisLabelAlignment()
{const{position:t,ticks:e}=this.options;if(-
$(this.labelRotation))return"top"===t?"left":"right";let
i="center";return"start"===e.align?i="left":"end"===e.align?
i="right":"inner"===e.align&&(i="inner"),i}_getYAxisLabelAlignment(t)
{const{position:e,ticks:
{crossAlign:i,mirror:s,padding:n}}=this.options,o=t+n,a=this._getLabelSizes().wides
t.width;let r,l;return"left"===e?s?(l=this.right+n,"near"===i?
r="left":"center"===i?(r="center",l+=a/2):(r="right",l+=a)):(l=this.right-
o,"near"===i?r="right":"center"===i?(r="center",l-=a/2):
(r="left",l=this.left)):"right"===e?s?(l=this.left+n,"near"===i?
r="right":"center"===i?(r="center",l-=a/2):(r="left",l+=a)):(
l=this.left+o,"near"===i?r="left":"center"===i?(r="center",l+=a/2):
(r="right",l=this.right)):r="right",{textAlign:r,x:l}}_computeLabelArea()
{if(this.options.ticks.mirror)return;const
t=this.chart,e=this.options.position;return"left"===e||"right"===e?
{top:0,left:this.left,bottom:t.height,right:this.right}:"top"===e||"bottom"===e?
{top:this.top,left:0,bottom:this.bottom,right:t.width}:"void 0"}drawBackground()
{const{ctx:t,options:{backgroundColor:e},left:i,top:s,width:n,height:o}=this;e&&
(t.save(),t.fillStyle=e,t.fillRect(i,s,n,o),t.restore())}getLineWidthForValue(t)
{const e=this.options.grid;if(!this._isVisible()||!e.display)return 0;const
i=this.ticks.findIndex((e=>e.value===t));if(i>=0){return
e.setContext(this.getContext(i)).lineWidth}return 0}drawGrid(t){const
e=this.options.grid,i=this.ctx,s=this._gridLineItems||
(this._gridLineItems=this._computeGridLineItems(t));let n,o;const a=(t,e,s)=>
{s.width&&s.color&&
(i.save(),i.lineWidth=s.width,i.strokeStyle=s.color,i.setLineDash(s.borderDash||
[]),i.lineDashOffset=s.borderDashOffset,i.beginPath(),i.moveTo(t.x,t.y),i.lineTo(e.
x,e.y),i.stroke(),i.restore());if(e.display)for(n=0,o=s.length;n<o;++n){const
t=s[n];e.drawOnChartArea&&a({x:t.x1,y:t.y1},
{x:t.x2,y:t.y2},t),e.drawTicks&&a({x:t.tx1,y:t.ty1},{x:t.tx2,y:t.ty2},

```

```

{color:t.tickColor,width:t.tickWidth,borderDash:t.tickBorderDash,borderDashOffset:t
.tickBorderDashOffset}}}}drawBorder(){const{chart:t,ctx:e,options:
{border:i,grid:s}}=this,n=i.setContext(this.getContext()),o=i.display?
n.width:0;if(!o)return;const
a=s.setContext(this.getContext(0)).lineWidth,r=this._borderValue;let
l,h,c,d;this.isHorizontal()?(l=Ae(t,this.left,o)-
o/2,h=Ae(t,this.right,a)+a/2,c=d=r):(c=Ae(t,this.top,o)-
o/2,d=Ae(t,this.bottom,a)+a/2,l=h=r),e.save(),e.lineWidth=n.width,e.strokeStyle=n.c
olor,e.beginPath(),e.moveTo(l,c),e.lineTo(h,d),e.stroke(),e.restore()}drawLabels(t)
{if(!this.options.ticks.display)return;const
e=this.ctx,i=this._computeLabelArea();i&&Ie(e,i);const
s=this.getLabelItems(t);for(const t of s){const
i=t.options,s=t.font;Ne(e,t.label,0,t.textOffset,s,i)}i&&ze(e)}drawTitle()
{const{ctx:t,options:
{position:e,title:i,reverse:s}}=this;if(!i.display)return;const
a=Si(i.font),r=ki(i.padding),l=i.align;let
h=a.lineHeight/2;"bottom"===e||"center"===e||o(e)?(h+=r.bottom,n(i.text)&&
(h+=a.lineHeight*(i.text.length-
1))):h+=r.top;const{titleX:c,titleY:d,maxWidth:u,rotation:f}=function(t,e,i,s)
{const{top:n,left:a,bottom:r,right:l,chart:h}=t,{chartArea:c,scales:d}=h;let
u,f,g,p=0;const m=r-n,b=l-a;if(t.isHorizontal()){if(f=ft(s,a,l),o(i)){const
t=Object.keys(i)[0],s=i[t];g=d[t].getPixelForValue(s)+m-e}else g="center"===i?
(c.bottom+c.top)/2+m-e:Ys(t,i,e);u=l-a}else{if(o(i)){const t=Object.keys(i)
[0],s=i[t];f=d[t].getPixelForValue(s)-b+e}else f="center"===i?(c.left+c.right)/2-
b+e:Ys(t,i,e);g=ft(s,r,n),p="left"===i?-
E:E}return{titleX:f,titleY:g,maxWidth:u,rotation:p}}(this,h,e,l);Ne(t,i.text,0,0,a,
{color:i.color,maxWidth:u,rotation:f,textAlign:Zs(l,e,s),textBaseline:"middle",tran
slation:[c,d]})}draw(t){this._isVisible()&&
(this.drawBackground(),this.drawGrid(t),this.drawBorder(),this.drawTitle(),this.dra
wLabels(t))}_layers(){const
t=this.options,e=t.ticks&&t.ticks.z||0,i=l(t.grid&&t.grid.z,-1),s=l(t.border&&t.bor
der.z,0);return this._isVisible()&&this.draw===Js.prototype.draw?[z:i,draw:t=>
{this.drawBackground(),this.drawGrid(t),this.drawTitle()}},{z:s,draw:()=>
{this.drawBorder()}},{z:e,draw:t=>{this.drawLabels(t)}}]:[z:e,draw:t=>
{this.draw(t)}]}getMatchingVisibleMetas(t){const
e=this.chart.getSortedVisibleDatasetMetas(),i=this.axis+"AxisID",s=[];let
n,o;for(n=0,o=e.length;n<o;++n){const
o=e[n];o[i]!==this.id||t&&o.type!==t||s.push(o)}return s}_resolveTickFontOptions(t)
{return Si(this.options.ticks.setContext(this.getContext(t)).font)}_maxDigits()
{const t=this._resolveTickFontOptions(0).lineHeight;return(this.isHorizontal()?
this.width:this.height)/t}}class Qs{constructor(t,e,i)
{this.type=t,this.scope=e,this.override=i,this.items=Object.create(null)}isForType(
t){return
Object.prototype.isPrototypeOf.call(this.type.prototype,t.prototype)}register(t)
{const e=Object.getPrototypeOf(t);let i;(function(t){return"id"in t&&"defaults"in
t})(e)&&(i=this.register(e));const
s=this.items,n=t.id,o=this.scope+"."+n;if(!n)throw new Error("class does not have
id: "+t);return n in s||(s[n]=t,function(t,e,i){const s=b(Object.create(null),[i?
ue.get(i):{}],ue.get(e),t.defaults);ue.set(e,s),t.defaultRoutes&&function(t,e)
{Object.keys(e).forEach((i=>{const s=i.split("."),n=s.pop(),o=
[t].concat(s).join("."),a=e[i].split("."),r=a.pop(),l=a.join(".");ue.route(o,n,l,r)
}))})(e,t.defaultRoutes);t.descriptors&&ue.describe(e,t.descriptors)}
(t,o,i),this.override&&ue.override(t.id,t.overrides),o}get(t){return
this.items[t]}unregister(t){const e=this.items,i=t.id,s=this.scope;i in e&&delete
e[i],s&&i in ue[s]&&(delete ue[s][i],this.override&&delete re[i])}}class
tn{constructor(){this.controllers=new Qs(Ns,"datasets",!0),this.elements=new
Qs(Hs,"elements"),this.plugins=new Qs(Object,"plugins"),this.scales=new
Qs(Js,"scales"),this._typedRegistries=

```

```

[this.controllers,this.scales,this.elements]}add(...t)
{this._each("register",t)}remove(...t)
{this._each("unregister",t)}addControllers(...t)
{this._each("register",t,this.controllers)}addElements(...t)
{this._each("register",t,this.elements)}addPlugins(...t)
{this._each("register",t,this.plugins)}addScales(...t)
{this._each("register",t,this.scales)}getController(t){return
this._get(t,this.controllers,"controller")}getElement(t){return
this._get(t,this.elements,"element")}getPlugin(t){return
this._get(t,this.plugins,"plugin")}getScale(t){return
this._get(t,this.scales,"scale")}removeControllers(...t)
{this._each("unregister",t,this.controllers)}removeElements(...t)
{this._each("unregister",t,this.elements)}removePlugins(...t)
{this._each("unregister",t,this.plugins)}removeScales(...t)
{this._each("unregister",t,this.scales)}_each(t,e,i){[...e].forEach((e=>{const
s=i||this._getRegistryForType(e);i||s.isForType(e)||s===this.plugins&&e.id?
this._exec(t,s,e):u(e,(e=>{const
s=i||this._getRegistryForType(e);this._exec(t,s,e)}))})))_exec(t,e,i){const
s=w(t);d(i["before"+s],[],i),e[t](i),d(i["after"+s],[],i)}_getRegistryForType(t)
{for(let e=0;e<this._typedRegistries.length;e++){const
i=this._typedRegistries[e];if(i.isForType(t))return i}return
this.plugins}_get(t,e,i){const s=e.get(t);if(void 0===s)throw new Error('"' + t + '" is
not a registered '+i+'.');return s}var en=new tn;class sn{constructor()
{this._init=[]}notify(t,e,i,s){"beforeInit"===e&&
(this._init=this._createDescriptors(t,!0),this._notify(this._init,t,"install"));con
st n=s?
this._descriptors(t).filter(s):this._descriptors(t),o=this._notify(n,t,e,i);return"
afterDestroy"===e&&
(this._notify(n,t,"stop"),this._notify(this._init,t,"uninstall")),o}_notify(t,e,i,s)
{s=s||[];for(const n of t){const t=n.plugin;if(!1===d(t[i],
[e,s,n.options],t)&&s.cancelable)return!1}return!0}invalidate(){s(this._cache)||
(this._oldCache=this._cache,this._cache=void 0)}_descriptors(t)
{if(this._cache)return this._cache;const
e=this._cache=this._createDescriptors(t);return
this._notifyStateChanges(t),e}_createDescriptors(t,e){const
i=t&&t.config,s=l(i.options&&i.options.plugins,{}),n=function(t){const e={},i=
[],s=Object.keys(en.plugins.items);for(let
t=0;t<s.length;t++)i.push(en.getPlugin(s[t]));const n=t.plugins||[];for(let
t=0;t<n.length;t++){const s=n[t];-1===i.indexOf(s)&&
(i.push(s),e[s.id]!==0)}return{plugins:i,localIds:e}}(i);return!1!==s||e?function(t,
{plugins:e,localIds:i},s,n){const o=[],a=t.getContext();for(const r of e){const
e=r.id,l=nn(s[e],n);null!==l&&o.push({plugin:r,options:on(t.config,
{plugin:r,local:i[e]},l,a)})}return o}(t,n,s,e):[]}_notifyStateChanges(t){const
e=this._oldCache||[],i=this._cache,s=
(t,e)=>t.filter((t=>!e.some((e=>t.plugin.id===e.plugin.id)))));this._notify(s(e,i),t,
"stop"),this._notify(s(i,e),t,"start")}function nn(t,e){return e||!1!==t?!0===t?
{}:t:null}function on(t,{plugin:e,local:i},s,n){const
o=t.pluginScopeKeys(e),a=t.getOptionScopes(s,o);return
i&&e.defaults&&a.push(e.defaults),t.createResolver(a,n,[""],
{scriptable:!1,indexable:!1,allKeys:!0})}function an(t,e){const i=ue.datasets[t]||
{};return((e.datasets||{})[t]||
{}).indexAxis||e.indexAxis||i.indexAxis||"x"}function rn(t)
{if("x"===t||"y"===t||"r"===t)return t}function ln(t,...e){if(rn(t))return
t;for(const s of e){const e=s.axis||("top"===
(i=s.position)||"bottom"===i?"x":"left"===i||"right"===i?"y":void
0)||t.length>1&&rn(t[0].toLowerCase());if(e)return e}var i;throw new Error(`Cannot
determine type of '${t}' axis. Please provide 'axis' or 'position'
option.`)}function hn(t,e,i){if(i[e+"AxisID"]===t)return{axis:e}}function cn(t,e)

```

```

{const i=re[t.type]||{scales:{}},s=e.scales||
 {},n=an(t.type,e),a=Object.create(null);return Object.keys(s).forEach((e=>{const
 r=s[e];if(!o(r))return console.error(`Invalid scale configuration for scale:
 ${e}`);if(r._proxy)return console.warn(`Ignoring resolver passed as options for
 scale: ${e}`);const l=ln(e,r,function(t,e){if(e.data&&e.data.datasets){const
 i=e.data.datasets.filter((e=>e.xAxisID===t||e.yAxisID===t));if(i.length)return
 hn(t,"x",i[0])||hn(t,"y",i[0])}return{}}(e,t),ue.scales[r.type]),h=function(t,e)
 {return t===e?"_index_":"_value_"}(l,n),c=i.scales||{};a[e]=x(Object.create(null),
 [{axis:l},r,c[l],c[h]])),t.data.datasets.forEach((i=>{const
 n=i.type||t.type,o=i.indexAxis||an(n,e),r=(re[n]||{}).scales||
 {});Object.keys(r).forEach((t=>{const e=function(t,e){let i=t;return"_index_"===t?
 i:e:"_value_"===t&&(i="x"===e?"y":"x"),i}
 (t,o),n=i[e+"AxisID"]||e;a[n]=a[n]||Object.create(null),x(a[n],
 [{axis:e},s[n],r[t]]))})),Object.keys(a).forEach((t=>{const e=a[t];x(e,
 [ue.scales[e.type],ue.scale])})),a}function dn(t){const e=t.options||{t.options=
 {});e.plugins=l(e.plugins,{}),e.scales=cn(t,e)}function un(t){return(t=t||
 {})).datasets=t.datasets||[],t.labels=t.labels||[],t}const fn=new Map,gn=new
 Set;function pn(t,e){let i=fn.get(t);return i||
 (i=e(),fn.set(t,i),gn.add(i)),i}const mn=(t,e,i)=>{const s=M(e,i);void
 0!==s&&t.add(s)};class bn{constructor(t){this._config=function(t){return(t=t||
 {})).data=un(t.data),dn(t),t}(t),this._scopeCache=new Map,this._resolverCache=new
 Map}get platform(){return this._config.platform}get type(){return
 this._config.type}set type(t){this._config.type=t}get data(){return
 this._config.data}set data(t){this._config.data=un(t)}get options(){return
 this._config.options}set options(t){this._config.options=t}get plugins(){return
 this._config.plugins}update(){const
 t=this._config;this.clearCache(),dn(t)}clearCache()
 {this._scopeCache.clear(),this._resolverCache.clear()}datasetScopeKeys(t){return
 pn(t,(()=>=>[["datasets.${t}`,[""]]]))}datasetAnimationScopeKeys(t,e){return
 pn(`${t}.transition.${e}`,(()=>=>
 [["datasets.${t}.transitions.${e}`,`transitions.${e}`],
 [`${t}`,[""]]]))}datasetElementScopeKeys(t,e){return pn(`${t}-${e}`,(()=>=>
 [`${t}.elements.${e}`,`${t}`,`elements.${e}`,[""]]))}pluginScopeK
 eys(t){const e=t.id;return pn(`${this.type}-plugin-${e}`,(()=>=>
 [`${t}.plugins.${e}`,...t.additionalOptionScopes||[]]))}_cachedScopes(t,e){const
 i=this._scopeCache;let s=i.get(t);return s&&!e||(s=new
 Map,i.set(t,s)),s}getOptionScopes(t,e,i)
 {const{options:s,type:n}=this,o=this._cachedScopes(t,i),a=o.get(e);if(a)return
 a;const r=new Set;e.forEach((e=>{t&&
 (r.add(t),e.forEach((e=>mn(r,t,e))),e.forEach((t=>mn(r,s,t))),e.forEach((t=>mn(r,r
 e[n]||{}),t)),e.forEach((t=>mn(r,ue,t))),e.forEach((t=>mn(r,le,t)))));const
 l=Array.from(r);return
 0===l.length&&l.push(Object.create(null),gn.has(e)&&o.set(e,l),l)}chartOptionScopes
 (){const{options:t,type:e}=this;return[t,re[e]||{}],ue.datasets[e]||{,
 {type:e,ue,le}}resolveNamedOptions(t,e,i,s=[""]){const o={sshared:!0},
 {resolver:a,subPrefixes:r}=xn(this._resolverCache,t,s);let l=a;if(function(t,e)
 {const{isScriptable:i,isIndexable:s}=Ye(t);for(const o of e){const e=i(o),a=s(o),r=
 (a|e)&&t[o];if(e&&(S(r)||_n(r))||a&&n(r))return!0}return!1}(a,e))
 {o.$shared=!1;l=$e(a,i=S(i)?i():i,this.createResolver(t,i,r))}for(const t of
 e)o[t]=l[t];return o}createResolver(t,e,i=[""],s)
 {const{resolver:n}=xn(this._resolverCache,t,i);return o(e)?$e(n,e,void
 0,s):n}}function xn(t,e,i){let s=t.get(e);s||(s=new Map,t.set(e,s));const
 n=i.join();let o=s.get(n);if(!o){o=
 {resolver:je(e,i),subPrefixes:i.filter((t=>!t.toLowerCase().includes("hover"))),s.
 set(n,o)}return o}const
 _n=t=>o(t)&&Object.getOwnPropertyNames(t).reduce(((e,i)=>e||S(t[i])),!1);const yn=
 ["top","bottom","left","right","chartArea"];function vn(t,e)
 {return"top"===t||"bottom"===t||-1===yn.indexOf(t)&&"x"===e}function Mn(t,e){return

```

```

function(i,s){return i[t]===s[t]?i[e]-s[e]:i[t]-s[t]}function wn(t){const
e=t.chart,i=e.options.animation;e.notifyPlugins("afterRender"),d(i&&i.onComplete,
[t],e)}function kn(t){const e=t.chart,i=e.options.animation;d(i&&i.onProgress,
[t],e)}function Sn(t){return fe()&&"string"===typeof t?
t=document.getElementById(t):t&&t.length&&(t=t[0]),t&&t.canvas&&
(t=t.canvas),t}const Pn={},Dn=t=>{const e=Sn(t);return
Object.values(Pn).filter((t=>t.canvas===e)).pop()};function Cn(t,e,i){const
s=Object.keys(t);for(const n of s){const s=+n;if(s>=e){const o=t[n];delete t[n],
(i>0||s>e)&&(t[s+i]=o)}}}function On(t,e,i){return t.options.clip?t[i]:e[i]}class
An{static defaults=ue;static instances=Pn;static overrides=re;static
registry=en;static version="4.4.0";static getChart=Dn;static register(...t)
{en.add(...t),Tn()}static unregister(...t){en.remove(...t),Tn()}constructor(t,e)
{const s=this.config=new bn(e),n=Sn(t),o=Dn(n);if(o)throw new Error("Canvas is
already in use. Chart with ID '"+o.id+"' must be destroyed before the canvas with
ID '"+o.canvas.id+"' can be reused.");const
a=s.createResolver(s.chartOptionScopes(),this.getContext());this.platform=new(s.pla
tform|ks(n)),this.platform.updateConfig(s);const
r=this.platform.acquireContext(n,a.aspectRatio),l=r&&r.canvas,h=l&&l.height,c=l&&l.
width;this.id=i(),this.ctx=r,this.canvas=l,this.width=c,this.height=h,this._options
=a,this._aspectRatio=this.aspectRatio,this._layers=[],this._metasets=
[],this._stacks=void 0,this._boxes=[],this.currentDevicePixelRatio=void
0,this.chartArea=void 0,this._active=[],this._lastEvent=void 0,this._listeners=
{},this._responsiveListeners=void 0,this._sortedMetasets=[],this._scales=
{},this._plugins=new sn,this.$proxies={},this._hiddenIndices=
{},this.attached=!1,this._animationsDisabled=void 0,this.$context=void
0,this._doResize=dt((t=>this.update(t)),a.resizeDelay||0),this._dataChanges=
[],Pn[this.id]=this,r&&l?
(xt.listen(this,"complete",wn),xt.listen(this,"progress",kn),this._initialize(),thi
s.attached&&this.update()):console.error("Failed to create chart: can't acquire
context from the given item")}get aspectRatio(){const{options:
{aspectRatio:t,maintainAspectRatio:e},width:i,height:n,_aspectRatio:o}=this;return
s(t)?e&&o?o:n?i/n:null:t}get data(){return this.config.data}set data(t)
{this.config.data=t}get options(){return this._options}set options(t)
{this.config.options=t}get registry(){return en}_initialize(){return
this.notifyPlugins("beforeInit"),this.options.responsive?
this.resize():ke(this,this.options.devicePixelRatio),this.bindEvents(),this.notifyP
lugins("afterInit"),this}clear(){return Te(this.canvas,this.ctx),this}stop(){return
xt.stop(this),this}resize(t,e){xt.running(this)?this._resizeBeforeDraw=
{width:t,height:e}:this._resize(t,e)}_resize(t,e){const
i=this.options,s=this.canvas,n=i.maintainAspectRatio&&this.aspectRatio,o=this.platf
orm.getMaximumSize(s,t,e,n),a=i.devicePixelRatio||this.platform.getDevicePixelRatio
(),r=this.width?"resize":"attach";this.width=o.width,this.height=o.height,this._asp
ectRatio=this.aspectRatio,ke(this,a,!0)&&(this.notifyPlugins("resize",
{size:o}),d(i.onResize,
[this,o],this,this.attached&&this._doResize(r)&&this.render()))}ensureScalesHaveIDs
(){u(this.options.scales||{},((t,e)=>{t.id=e}))}buildOrUpdateScales(){const
t=this.options,e=t.scales,i=this.scales,s=Object.keys(i).reduce(((t,e)=>
(t[e]=!1,t)),{});let n=[];e&&(n=n.concat(Object.keys(e).map((t=>{const
i=e[t],s=ln(t,i),n="r"===s,o="x"===s;return{options:i,dposition:n?"chartArea":o?"bo
ttom":"left",dtype:n?"radialLinear":o?"category":"linear"}}))),u(n,(e=>{const
n=e.options,o=n.id,a=ln(o,n),r=l(n.type,e.dtype);void
0!==n.position&&vn(n.position,a)===vn(e.dposition)||
(n.position=e.dposition),s[o]=!0;let h=null;if(o in
i&&i[o].type===r)h=i[o];else{h=new(en.getScale(r))
({id:o,type:r,ctx:this.ctx,chart:this}),i[h.id]=h}h.init(n,t)})),u(s,((t,e)=>
{t|delete i[e]})),u(i,(t=>
{as.configure(this,t,t.options),as.addBox(this,t)}))}_updateMetasets(){const
t=this._metasets,e=this.data.datasets.length,i=t.length;if(t.sort(((t,e)=>t.index-

```

```

e.index)),i>e){for(let t=e;t<i;++t)this._destroyDatasetMeta(t);t.splice(e,i-
e)}this._sortedMetasets=t.slice(0).sort(Mn("order","index"))}_removeUnreferencedMet
asets(){const{_metasets:t,data:{datasets:e}}=this;t.length>e.length&&delete
this._stacks,t.forEach(((t,i)=>
{0===e.filter((e=>e===t._dataset)).length&&this._destroyDatasetMeta(i)}))}buildOrUp
dateControllers(){const t=[],e=this.data.datasets;let
i,s;for(this._removeUnreferencedMetasets(),i=0,s=e.length;i<s;i++){const s=e[i];let
n=this.getDatasetMeta(i);const o=s.type||this.config.type;if(n.type&&n.type!==o&&
(this._destroyDatasetMeta(i),n=this.getDatasetMeta(i)),n.type=o,n.indexAxis=s.index
Axis||an(o,this.options),n.order=s.order||0,n.index=i,n.label="+s.label,n.visible=
this.isDatasetVisible(i),n.controller)n.controller.updateIndex(i),n.controller.link
Scales();else{const e=en.getController(o),
{datasetElementType:s,dataElementType:a}=ue.datasets[o];Object.assign(e,
{dataElementType:en.getElement(a),datasetElementType:s&&en.getElement(s)}),n.contro
ller=new e(this,i),t.push(n.controller)}return
this._updateMetasets(),t}_resetElements(){u(this.data.datasets,((t,e)=>
{this.getDatasetMeta(e).controller.reset()}),this)}reset()
{this._resetElements(),this.notifyPlugins("reset")}update(t){const
e=this.config;e.update();const
i=this._options=e.createResolver(e.chartOptionScopes(),this.getContext()),s=this._a
nimationsDisabled=!i.animation;if(this._updateScales(),this._checkEventBindings(),t
his._updateHiddenIndices(),this._plugins.invalidate(),!1===this.notifyPlugins("befo
reUpdate",{mode:t,cancelable:!0}))return;const
n=this.buildOrUpdateControllers();this.notifyPlugins("beforeElementsUpdate");let
o=0;for(let t=0,e=this.data.datasets.length;t<e;t++){
const{controller:e}=this.getDatasetMeta(t),i=!s&&-1===n.indexOf(e);e.buildOrUpdate
Elements(i),o=Math.max(+e.getMaxOverflow(),o)}o=this._minPadding=i.layout.autoPaddi
ng?o:0,this._updateLayout(o),s||u(n,(t=>
{t.reset()})),this._updateDatasets(t),this.notifyPlugins("afterUpdate",
{mode:t}),this._layers.sort(Mn("z","_idx"));const{_active:a,_lastEvent:r}=this;r?
this._eventHandler(r,!0):a.length&&this._updateHoverStyles(a,a,!0),this.render()}_u
pdateScales(){u(this.scales,(t=>
{as.removeBox(this,t)}),this.ensureScalesHaveIDs(),this.buildOrUpdateScales())_che
ckEventBindings(){const t=this.options,e=new
Set(Object.keys(this._listeners)),i=new
Set(t.events);P(e,i)&&!!this._responsiveListeners===t.responsive||
(this.unbindEvents(),this.bindEvents())}_updateHiddenIndices()
{const{_hiddenIndices:t}=this,e=this._getUniformDataChanges()||
[];for(const{method:i,start:s,count:n}of e){Cn(t,s,"_removeElements"===i?-
n:n)}_getUniformDataChanges(){const
t=this._dataChanges;if(!t||!t.length)return;this._dataChanges=[];const
e=this.data.datasets.length,i=e=>new
Set(t.filter((t=>t[0]===e)).map(((t,e)=>e+",".splice(1).join(","))))),s=i(0);for(l
et t=1;t<e;t++)if(!P(s,i(t)))return;return
Array.from(s).map((t=>t.split(","))).map((t=>
({method:t[1],start:t[2],count:t[3]}))}_updateLayout(t)
{if(!1===this.notifyPlugins("beforeLayout",
{cancelable:!0}))return;as.update(this,this.width,this.height,t);const
e=this.chartArea,i=e.width<=0||e.height<=0;this._layers=[],u(this.bboxes,(t=>
{i&&"chartArea"===t.position||
(t.configure&&t.configure(),this._layers.push(...t._layers()))}),this),this._layers
.forEach(((t,e)=>{t._idx=e})),this.notifyPlugins("afterLayout")}_updateDatasets(t)
{if(!1===this.notifyPlugins("beforeDatasetsUpdate",{mode:t,cancelable:!0}))for(let
t=0,e=this.data.datasets.length;t<e;t++)this.getDatasetMeta(t).controller.configure
();for(let e=0,i=this.data.datasets.length;e<i;+e)this._updateDataset(e,S(t)?
t({datasetIndex:e}):t);this.notifyPlugins("afterDatasetsUpdate",
{mode:t})}_updateDataset(t,e){const i=this.getDatasetMeta(t),s=
{meta:i,index:t,mode:e,cancelable:!0};!1===this.notifyPlugins("beforeDatasetUpdate"

```

```

,s)&&
(i.controller._update(e),s.cancelable=!1,this.notifyPlugins("afterDatasetUpdate",s)
)}render(){!!!==this.notifyPlugins("beforeRender",{cancelable:!0})&&(xt.has(this)?
this.attached&&!xt.running(this)&&xt.start(this):
(this.draw(),wn({chart:this})))draw(){let t;if(this._resizeBeforeDraw)
{const{width:t,height:e}=this._resizeBeforeDraw;this._resize(t,e),this._resizeBeforeDraw=null}if(this.clear(),this.width<=0||this.height<=0)return;if(!1===this.notifyPlugins("beforeDraw",{cancelable:!0}))return;const
e=this._layers;for(t=0;t<e.length&&e[t].z<=0;++t)e[t].draw(this.chartArea);for(this
._drawDatasets();t<e.length;++t)e[t].draw(this.chartArea);this.notifyPlugins("after
Draw")}_getSortedDatasetMetas(t){const e=this._sortedMetasets,i=[];let
s,n;for(s=0,n=e.length;s<n;++s){const n=e[s];t&&!n.visible||i.push(n)}return
i}_getSortedVisibleDatasetMetas(){return
this._getSortedDatasetMetas(!0)}_drawDatasets()
{if(!1===this.notifyPlugins("beforeDatasetsDraw",{cancelable:!0}))return;const
t=this.getSortedVisibleDatasetMetas();for(let e=t.length-1;e>=0;--
e)this._drawDataset(t[e]);this.notifyPlugins("afterDatasetsDraw")}_drawDataset(t)
{const e=this.ctx,i=t._clip,s=!i.disabled,n=function(t,e)
{const{xScale:i,yScale:s}=t;return i&&s?
{left:On(i,e,"left"),right:On(i,e,"right"),top:On(s,e,"top"),bottom:On(s,e,"bottom"
)}:e}(t,this.chartArea),o=
{meta:t,index:t.index,cancelable:!0};!1!==this.notifyPlugins("beforeDatasetDraw",o)
&&(s&&Ie(e,{left:!1===i.left?0:n.left-i.left,right:!1===i.right?
this.width:n.right+i.right,top:!1===i.top?0:n.top-i.top,bottom:!1===i.bottom?
this.height:n.bottom+i.bottom}),t.controller.draw(),s&&ze(e),o.cancelable=!1,this.n
otifyPlugins("afterDatasetDraw",o))isPointInArea(t){return
Re(t,this.chartArea,this._minPadding)}getElementsAtEventForMode(t,e,i,s){const
n=Xi.modes[e];return"function"===typeof n?n(this,t,i,s):[]}_getDatasetMeta(t){const
e=this.data.datasets[t],i=this._metasets;let
s=i.filter((t=>t&&t._dataset===e)).pop();return s||(s={type:null,data:
[],dataset:null,controller:null,hidden:null,xAxisID:null,yAxisID:null,order:e&&e.or
der||0,index:t,_dataset:e,_parsed:[],_sorted:!1},i.push(s)),s}_getContext(){return
this.$context||(this.$context=Ci(null,
{chart:this,type:"chart"}))}_getVisibleDatasetCount(){return
this.getSortedVisibleDatasetMetas().length}isDatasetVisible(t){const
e=this.data.datasets[t];if(!e)return!1;const
i=this.getDatasetMeta(t);return"boolean"===typeof
i.hidden?!i.hidden:!e.hidden}_setDatasetVisibility(t,e)
{this.getDatasetMeta(t).hidden=!e}_toggleDataVisibility(t)
{this._hiddenIndices[t]=!this._hiddenIndices[t]}_getDataVisibility(t)
{return!this._hiddenIndices[t]}_updateVisibility(t,e,i){const
s=i?"show":"hide",n=this.getDatasetMeta(t),o=n.controller._resolveAnimations(void
0,s);k(e)?(n.data[e].hidden=!i,this.update()):
(this.setDatasetVisibility(t,i),o.update(n,
{visible:i}),this.update((e=>e.datasetIndex===t?s:void 0)))}_hide(t,e)
{this._updateVisibility(t,e,!1)}_show(t,e)
{this._updateVisibility(t,e,!0)}_destroyDatasetMeta(t){const
e=this._metasets[t];e&&e.controller&&e.controller._destroy(),delete
this._metasets[t]}_stop(){let
t,e;for(this.stop(),xt.remove(this),t=0,e=this.data.datasets.length;t<e;++t)this._d
estroyDatasetMeta(t)}_destroy()
{this.notifyPlugins("beforeDestroy");const{canvas:t,ctx:e}=this;this._stop(),this.c
onfig.clearCache(),t&&
(this.unbindEvents(),Te(t,e),this.platform.releaseContext(e),this.canvas=null,this.
ctx=null),delete Pn[this.id],this.notifyPlugins("afterDestroy")}_toBase64Image(...t)
{return this.canvas.toDataURL(...t)}_bindEvents()
{this.bindUserEvents(),this.options.responsive?
this.bindResponsiveEvents():this.attached=!0}_bindUserEvents(){const

```

```

t=this._listeners,e=this.platform,i=(i,s)=>{e.addEventListener(this,i,s),t[i]=s},s=
(t,e,i)=>{t.offsetX=e,t.offsetY=i,this._eventHandler(t)};u(this.options.events,
(t=>i(t,s)))bindResponsiveEvents(){this._responsiveListeners||
(this._responsiveListeners={});const t=this._responsiveListeners,e=this.platform,i=
(i,s)=>{e.addEventListener(this,i,s),t[i]=s},s=(i,s)=>{t[i]&&
(e.removeEventListener(this,i,s),delete t[i])},n=(t,e)=>
{this.canvas&&this.resize(t,e)};let o;const a=()=>>
{s("attach",a),this.attached=!0,this.resize(),i("resize",n),i("detach",o)};o=()=>>
{this.attached=!1,s("resize",n),this._stop(),this._resize(0,0),i("attach",a)},e.isA
ttached(this.canvas)?a():o()}unbindEvents(){u(this._listeners,((t,e)=>
{this.platform.removeEventListener(this,e,t)})),this._listeners=
{},u(this._responsiveListeners,((t,e)=>
{this.platform.removeEventListener(this,e,t)})),this._responsiveListeners=void
0}updateHoverStyle(t,e,i){const s=i?"set":"remove";let n,o,a,r;for("dataset"===e&&
(n=this.getDatasetMeta(t[0].datasetIndex),n.controller["_"+s+"DatasetHoverStyle"]
()),a=0,r=t.length;a<r;++a){o=t[a];const
e=o&&this.getDatasetMeta(o.datasetIndex).controller;e&&e[s+"HoverStyle"]
(o.element,o.datasetIndex,o.index)}getActiveElements(){return this._active||
[]}setActiveElements(t){const e=this._active||
[],i=t.map((({datasetIndex:t,index:e})=>{const i=this.getDatasetMeta(t);if(!i)throw
new Error("No dataset found at index
"+t);return{datasetIndex:t,element:i.data[e],index:e}}));!f(i,e)&&
(this._active=i,this._lastEvent=null,this._updateHoverStyles(i,e))}notifyPlugins(t,
e,i){return this._plugins.notify(this,t,e,i)}isPluginEnabled(t){return
1===this._plugins._cache.filter((e=>e.plugin.id===t)).length}_updateHoverStyles(t,e,
i){const s=this.options.hover,n=
(t,e)=>t.filter((t=>!e.some((e=>t.datasetIndex===e.datasetIndex&&t.index===e.index)
))),o=n(e,t),a=i?
t:n(t,e);o.length&&this.updateHoverStyle(o,s.mode,!1),a.length&&s.mode&&this.update
HoverStyle(a,s.mode,!0)}_eventHandler(t,e){const i=
{event:t,replay:e,cancelable:!0,inChartArea:this.isPointInArea(t)},s=e=>
(e.options.events||this.options.events).includes(t.native.type);if(!1===this.notify
Plugins("beforeEvent",i,s))return;const
n=this._handleEvent(t,e,i.inChartArea);return
i.cancelable=!1,this.notifyPlugins("afterEvent",i,s),
(n||i.changed)&&this.render(),this}_handleEvent(t,e,i){const{_active:s=
[],options:n}=this,o=e,a=this._getActiveElements(t,s,i,o),r=D(t),l=function(t,e,i,s)
{return i&&"mouseout"!==t.type?s?:e:t:null}(t,this._lastEvent,i,r);i&&
(this._lastEvent=null,d(n.onHover,[t,a,this],this),r&&d(n.onClick,
[t,a,this],this));const h=!f(a,s);return(h||e)&&
(this._active=a,this._updateHoverStyles(a,s,e)),this._lastEvent=l,h}_getActiveEleme
nts(t,e,i,s){if("mouseout"===t.type)return[];if(!i)return e;const
n=this.options.hover;return this.getElementsAtEventForMode(t,n.mode,n,s)}function
Tn(){return u(An.instances,(t=>t._plugins.invalidate()))}function Ln(){throw new
Error("This method is not implemented: Check that a complete date adapter is
provided.")}class En{static override(t)
{Object.assign(En.prototype,t)}options;constructor(t){this.options=t||{}}init()
{}formats(){return Ln()}parse(){return Ln()}format(){return Ln()}add(){return
Ln()}diff(){return Ln()}startOf(){return Ln()}endOf(){return Ln()}var Rn=
{_date:En};function In(t){const e=t.iScale,i=function(t,e){if(!t._cache.$bar){const
i=t.getMatchingVisibleMetas(e);let s=[];for(let
e=0,n=i.length;e<n;e++)s=s.concat(i[e].controller.getAllParsedValues(t));t._cache.$
bar=lt(s.sort(((t,e)=>t-e)))}return t._cache.$bar}(e,t.type);let
s,n,o,a,r=e._length;const l=()=>>{32767!==(o&&-32768!==(o&&(k(a)&&
(r=Math.min(r,Math.abs(o-
a)||r)),a=o)};for(s=0,n=i.length;s<n;++s)o=e.getPixelForValue(i[s]),l();for(a=void
0,s=0,n=e.ticks.length;s<n;++s)o=e.getPixelForTick(s),l();return r}function
zn(t,e,i,s){return n(t)?function(t,e,i,s){const

```

```

n=i.parse(t[0],s),o=i.parse(t[1],s),a=Math.min(n,o),r=Math.max(n,o);let
l=a,h=r;Math.abs(a)>Math.abs(r)&&(l=r,h=a),e[i.axis]=h,e._custom=
{barStart:l,barEnd:h,start:n,end:o,min:a,max:r}}
(t,e,i,s):e[i.axis]=i.parse(t,s),e}function Fn(t,e,i,s){const
n=t.iScale,o=t.vScale,a=n.getLabels(),r=n===o,l=[];let
h,c,d,u;for(h=i,c=i+s;h<c;++h)u=e[h],d=
{},{d[n.axis]=r||n.parse(a[h],h),l.push(zn(u,d,o,h));return l}function Vn(t){return
t&&void 0!==t.barStart&&void 0!==t.barEnd}function Bn(t,e,i,s){let
n=e.borderSkipped;const o={};if(!n)return void(t.borderSkipped=o);if(!0===n)return
void(t.borderSkipped=
{top:!0,right:!0,bottom:!0,left:!0});const{start:a,end:r,reverse:l,top:h,bottom:c}=
function(t){let e,i,s,n,o;return t.horizontal?(e=t.base>t.x,i="left",s="right"):
(e=t.base<t.y,i="bottom",s="top"),e?(n="end",o="start"):(n="start",o="end"),
{start:i,end:s,reverse:e,top:n,bottom:o}}(t);"middle"===n&&i&&
(t.enableBorderRadius=!0,(i._top||0)===s?n=h:(i._bottom||0)===s?n=c:
(o[Wn(c,a,r,l)]=!0,n=h)),o[Wn(n,a,r,l)]=!0,t.borderSkipped=o}function Wn(t,e,i,s)
{var n,o,a;return s?(a=i,t=Nn(t=(n=t)===(o=e)?a:n===a?
o:n,i,e)):t=Nn(t,e,i),t}function Nn(t,e,i){return"start"===t?e:"end"===t?
i:t}function Hn(t,{inflateAmount:e},i){t.inflateAmount="auto"===e?
1===i?.33:0:e}class jn extends Ns{static id="doughnut";static defaults=
{datasetElementType:!1,dataElementType:"arc",animation:
{animateRotate:!0,animateScale:!1},animations:{numbers:{type:"number",properties:
["circumference","endAngle","innerRadius","outerRadius","startAngle","x","y","offse
t","borderWidth","spacing"]}},cutout:"50%",rotation:0,circumference:360,radius:"100
%",spacing:0,indexAxis:"r";static descriptors=
{scriptable:t=>"spacing"!==t,_indexable:t=>"spacing"!==t&&t.startsWith("borderDas
h")&&t.startsWith("hoverBorderDash")};static overrides={aspectRatio:1,plugins:
{legend:{labels:{generateLabels(t){const
e=t.data;if(e.labels.length&&e.datasets.length){const{labels:
{pointStyle:i,color:s}}=t.legend.options;return e.labels.map(((e,n)=>{const
o=t.getDatasetMeta(0).controller.getStyle(n);return{text:e,fillStyle:o.backgroundCo
lor,strokeStyle:o.borderColor,fontColor:s,lineWidth:o.borderWidth,pointStyle:i,hidd
en:!t.getDataVisibility(n),index:n}}))}return[]}},onClick(t,e,i)
{i.chart.toggleDataVisibility(e.index),i.chart.update()}}};constructor(t,e)
{super(t,e),this.enableOptionSharing=!0,this.innerRadius=void
0,this.outerRadius=void 0,this.offsetX=void 0,this.offsetY=void 0}linkScales()
{}parse(t,e){const
i=this.getDataset().data,s=this._cachedMeta;if(!1===this._parsing)s._parsed=i;else{
let n,a,r=t=>+i[t];if(o(i[t]))
{const{key:t="value"}=this._parsing;r=e=>+M(i[e],t)}for(n=t,a=t+e;n<a;++n)s._parsed
[n]=r(n)}_getRotation(){return $(this.options.rotation-90)}_getCircumference()
{return $(this.options.circumference)}_getRotationExtents(){let t=0,e=-0;for(let
i=0;i<this.chart.data.datasets.length;++i)if(this.chart.isDatasetVisible(i)&&this.c
hart.getDatasetMeta(i).type===this._type){const
s=this.chart.getDatasetMeta(i).controller,n=s._getRotation(),o=s._getCircumference(
);t=Math.min(t,n),e=Math.max(e,n+o)}return{rotation:t,circumference:e-t}}update(t)
{const e=this.chart,
{chartArea:i}=e,s=this._cachedMeta,n=s.data,o=this.getMaxBorderWidth()+this.getMaxO
ffset(n)+this.options.spacing,a=Math.max((Math.min(i.width,i.height)-
o)/2,0),r=Math.min(h(this.options.cutout,a),1),l=this._getRingWeight(this.index),
{circumference:d,rotation:u}=this._getRotationExtents(),
{ratioX:f,ratioY:g,offsetX:p,offsetY:m}=function(t,e,i){let s=1,n=1,o=0,a=0;if(e<0)
{const r=t,l=r+e,h=Math.cos(r),c=Math.sin(r),d=Math.cos(l),u=Math.sin(l),f=
(t,e,s)=>Z(t,r,l,!0)?1:Math.max(e,e*i,s,s*i),g=(t,e,s)=>Z(t,r,l,!0)?
-1:Math.min(e,e*i,s,s*i),p=f(0,h,d),m=f(E,c,u),b=g(C,h,d),x=g(C+E,c,u);s=(p-b)/2,n=
(m-x)/2,o=-(p+b)/2,a=-(m+x)/2}return{ratioX:s,ratioY:n,offsetX:o,offsetY:a}}
(u,d,r),b=(i.width-o)/f,x=(i.height-
o)/g,_=Math.max(Math.min(b,x)/2,0),y=c(this.options.radius,_),v=(y-

```

```

Math.max(y*r,0))/this._getVisibleDatasetWeightTotal();this.offsetX=p*y,this.offsetY
=m*y,s.total=this.calculateTotal(),this.outerRadius=y-
v*this._getRingWeightOffset(this.index),this.innerRadius=Math.max(this.outerRadius-
v*1,0),this.updateElements(n,0,n.length,t)}_circumference(t,e){const
i=this.options,s=this._cachedMeta,n=this._getCircumference();return
e&&i.animation.animateRotate||!this.chart.getDataVisibility(t)||null===s._parsed[t]
||s.data[t].hidden?
0:this.calculateCircumference(s._parsed[t]*n/O)}updateElements(t,e,i,s){const
n="reset"===s,o=this.chart,a=o.chartArea,r=o.options.animation,l=
(a.left+a.right)/2,h=(a.top+a.bottom)/2,c=n&&r.animateScale,d=c?
0:this.innerRadius,u=c?0:this.outerRadius,
{sharedOptions:f,includeOptions:g}=this._getSharedOptions(e,s);let
p,m=this._getRotation();for(p=0;p<e;++p)m+=this._circumference(p,n);for(p=e;p<e+i;+
+p){const e=this._circumference(p,n),i=t[p],o=
{x:l+this.offsetX,y:h+this.offsetY,startAngle:m,endAngle:m+e,circumference:e,outerR
adius:u,innerRadius:d};g&&
(o.options=f||this.resolveDataElementOptions(p,i.active?"active":s)),m+=e,this.upda
teElement(i,p,o,s)}calculateTotal(){const t=this._cachedMeta,e=t.data;let
i,s=0;for(i=0;i<e.length;i++){const
n=t._parsed[i];null===n||isNaN(n)||!this.chart.getDataVisibility(i)||e[i].hidden||
(s+=Math.abs(n))}return s}calculateCircumference(t){const
e=this._cachedMeta.total;return e>0&&!isNaN(t)?O*
(Math.abs(t)/e):0}getLabelAndValue(t){const
e=this._cachedMeta,i=this.chart,s=i.data.labels||
[],n=ne(e._parsed[t],i.options.locale);return{label:s[t]||"",value:n}}getMaxBorderW
idth(t){let e=0;const i=this.chart;let
s,n,o,a,r;if(!t)for(s=0,n=i.data.datasets.length;s<n;++s)if(i.isDatasetVisible(s))
{o=i.getDatasetMeta(s),t=o.data,a=o.controller;break}if(!t)return
0;for(s=0,n=t.length;s<n;++s)r=a.resolveDataElementOptions(s,"inner")!=r.borderAli
gn&&(e=Math.max(e,r.borderWidth||0,r.hoverBorderWidth||0));return e}getMaxOffset(t)
{let e=0;for(let i=0,s=t.length;i<s;++i){const
t=this.resolveDataElementOptions(i);e=Math.max(e,t.offset||0,t.hoverOffset||0)}retu
rn e}_getRingWeightOffset(t){let e=0;for(let
i=0;i<t;++i)this.chart.isDatasetVisible(i)&&(e+=this._getRingWeight(i));return
e}_getRingWeight(t){return
Math.max(1(this.chart.data.datasets[t].weight,1),0)}_getVisibleDatasetWeightTotal()
{return this._getRingWeightOffset(this.chart.data.datasets.length)||1}}class $n
extends Ns{static id="polarArea";static defaults={dataElementType:"arc",animation:
{animateRotate:!0,animateScale:!0},animations:{numbers:{type:"number",properties:
["x","y","startAngle","endAngle","innerRadius","outerRadius"]}},indexAxis:"r",start
Angle:0};static overrides={aspectRatio:1,plugins:{legend:{labels:{generateLabels(t)
{const e=t.data;if(e.labels.length&&e.datasets.length){const{labels:
{pointStyle:i,color:s}}=t.legend.options;return e.labels.map((e,n)=>{const
o=t.getDatasetMeta(0).controller.getStyle(n);return{text:e,fillStyle:o.backgroundColor,strokeStyle:o.borderColor,fontColor:s,linewidth:o.borderWidth,pointStyle:i,hidd
en:!t.getDataVisibility(n),index:n}})}return[]}},onClick(t,e,i)
{i.chart.toggleDataVisibility(e.index),i.chart.update()}}},scales:{r:
{type:"radialLinear",angleLines:{display:!1},beginAtZero:!0,grid:
{circular:!0},pointLabels:{display:!1},startAngle:0}}};constructor(t,e)
{super(t,e),this.innerRadius=void 0,this.outerRadius=void 0}getLabelAndValue(t)
{const e=this._cachedMeta,i=this.chart,s=i.data.labels||
[],n=ne(e._parsed[t].r,i.options.locale);return{label:s[t]||"",value:n}}parseObject
Data(t,e,i,s){return ii.bind(this)(t,e,i,s)}update(t){const
e=this._cachedMeta.data;this._updateRadius(),this.updateElements(e,0,e.length,t)}ge
tMinMax(){const t=this._cachedMeta,e=
{min:Number.POSITIVE_INFINITY,max:Number.NEGATIVE_INFINITY};return
t.data.forEach((t,i)=>{const
s=this.getParsed(i).r;!isNaN(s)&&this.chart.getDataVisibility(i)&&(s<e.min&&

```

```

(e.min=s),s>e.max&&(e.max=s))})),e}_updateRadius(){const
t=this.chart,e=t.chartArea,i=t.options,s=Math.min(e.right-e.left,e.bottom-
e.top),n=Math.max(s/2,0),o=(n-Math.max(i.cutoutPercentage?
n/100*i.cutoutPercentage:1,0))/t.getVisibleDatasetCount();this.outerRadius=n-
o*this.index,this.innerRadius=this.outerRadius-o}updateElements(t,e,i,s){const
n="reset"===s,o=this.chart,a=o.options.animation,r=this._cachedMeta.rScale,l=r.xCen
ter,h=r.yCenter,c=r.getIndexAngle(0)-.5*C;let d,u=c;const
f=360/this.countVisibleElements();for(d=0;d<e;++d)u+=this._computeAngle(d,s,f);for(
d=e;d<e+i;d++){const e=t[d];let
i=u,g=u+this._computeAngle(d,s,f),p=o.getDataVisibility(d)?
r.getDistanceFromCenterForValue(this.getParsed(d).r):0;u=g,n&&(a.animateScale&&
(p=0),a.animateRotate&&(i=g=c));const m=
{x:l,y:h,innerRadius:0,outerRadius:p,startAngle:i,endAngle:g,options:this.resolveDa
taElementOptions(d,e.active?"active":s)};this.updateElement(e,d,m,s)}countVisibleE
lements(){const t=this._cachedMeta;let e=0;return t.data.forEach(((t,i)=>
{!isNaN(this.getParsed(i).r)&&this.chart.getDataVisibility(i)&&e++})),e}_computeAng
le(t,e,i){return this.chart.getDataVisibility(t)?
$(this.resolveDataElementOptions(t,e).angle||i):0}}var
Yn=Object.freeze({__proto__:null,BarController:class extends Ns{static
id="bar";static defaults=
{datasetElementType:!1,dataElementType:"bar",categoryPercentage:.8,barPercentage:.9
,grouped:!0,animations:{numbers:{type:"number",properties:
["x","y","base","width","height"]}};static overrides={scales:{_index_:
{type:"category",offset:!0,grid:{offset:!0}},_value_:
{type:"linear",beginAtZero:!0}}};parsePrimitiveData(t,e,i,s){return
Fn(t,e,i,s)}parseArrayData(t,e,i,s){return Fn(t,e,i,s)}parseObjectData(t,e,i,s)
{const{iScale:n,vScale:o}=t,
{xAxisKey:a="x",yAxisKey:r="y"}=this._parsing,l="x"===n.axis?a:r,h="x"===o.axis?
a:r,c=[];let d,u,f,g;for(d=i,u=i+s;d<u;++d)g=e[d],f=
{f:[n.axis].parse(M(g,l),d),c.push(zn(M(g,h),f,o,d));return
c}updateRangeFromParsed(t,e,i,s){super.updateRangeFromParsed(t,e,i,s);const
n=i._custom;n&&e===this._cachedMeta.vScale&&
(t.min=Math.min(t.min,n.min),t.max=Math.max(t.max,n.max))}getMaxOverflow(){return
0}getLabelAndValue(t){const e=this._cachedMeta,
{iScale:i,vScale:s}=e,n=this.getParsed(t),o=n._custom,a=Vn(o)?["+o.start+",
"+o.end+"]:""+s.getLabelForValue(n[s.axis]);return{label:""+i.getLabelForValue(n[i
.axis]),value:a}}initialize()
{this.enableOptionSharing=!0,super.initialize();this._cachedMeta.stack=this.getData
set().stack}update(t){const
e=this._cachedMeta;this.updateElements(e.data,0,e.data.length,t)}updateElements(t,e
,i,n){const o="reset"===n,{index:a,_cachedMeta:
{vScale:r}}=this,l=r.getBasePixel(),h=r.isHorizontal(),c=this._getRuler(),
{sharedOptions:d,includeOptions:u}=this._getSharedOptions(e,n);for(let
f=e;f<e+i;f++){const e=this.getParsed(f),i=o||s(e[r.axis])?
{base:l,head:l}:this._calculateBarValuePixels(f),g=this._calculateBarIndexPixels(f,
c),p=(e._stacks||{})[r.axis],m=
{horizontal:h,base:i.base,enableBorderRadius:!p||Vn(e._custom)||a===p._top||a===p._
bottom,x:h?i.head:g.center,y:h?g.center:i.head,height:h?
g.size:Math.abs(i.size),width:h?Math.abs(i.size):g.size};u&&
(m.options=d||this.resolveDataElementOptions(f,t[f].active?"active":n));const
b=m.options||t[f].options;Bn(m,b,p,a),Hn(m,b,c.ratio),this.updateElement(t[f],f,m,n
)}_getStacks(t,e)
{const{iScale:i}=this._cachedMeta,n=i.getMatchingVisibleMetas(this._type).filter((t
=>t.controller.options.grouped)),o=i.options.stacked,a=[],r=t=>{const
i=t.controller.getParsed(e),n=i&&i[t.vScale.axis];if(s(n)||isNaN(n))return!0;for(c
onst i of n)if((void 0===e||!r(i))&&(!l===o||-l===a.indexOf(i.stack)||void
0===o&&void 0===i.stack)&&a.push(i.stack),i.index===t))break;return
a.length||a.push(void 0),a}_getStackCount(t){return this._getStacks(void

```

```

0,t).length}_getStackIndex(t,e,i){const s=this._getStacks(t,i),n=void 0!==(e?s.indexOf(e):-1;return-1===n?s.length-1:n)}_getRuler(){const
t=this.options,e=this._cachedMeta,i=e.iScale,s=[];let
n,o;for(n=0,o=e.data.length;n<o;++n)s.push(i.getPixelForValue(this.getParsed(n)
[i.axis],n));const
a=t.barThickness;return{min:a||In(e),pixels:s,start:i._startPixel,end:i._endPixel,s
tackCount:this._getStackCount(),scale:i,grouped:t.grouped,ratio:a?
1:t.categoryPercentage*t.barPercentage}}_calculateBarValuePixels(t)
{const{_cachedMeta:{vScale:e,_stacked:i,index:n},options:
{base:o,minBarLength:a}}=this,r=o||0,l=this.getParsed(t),h=l._custom,c=Vn(h);let
d,u,f=l[e.axis],g=0,p=i?this.applyStack(e,l,i):f;p!==(f&&(g=p-f,p=f),c&&
(f=h.barStart,p=h.barEnd-h.barStart,0!==(f&&F(f)!==(F(h.barEnd)&&(g=0),g+=f));const
m=s(o)||c?g:o;let b=e.getPixelForValue(m);if(d=this.chart.getDataVisibility(t)?
e.getPixelForValue(g+p):b,u=d-b,Math.abs(u)<a){u=function(t,e,i){return 0!==(t?F(t):
(e.isHorizontal()?1:-1)*(e.min>=i?1:-1)}(u,e,r)*a,f===r&&(b-=u/2);const
t=e.getPixelForDecimal(0),s=e.getPixelForDecimal(1),o=Math.min(t,s),h=Math.max(t,s)
;b=Math.max(Math.min(b,h),o),d=b+u,i&&!c&&
(l._stacks[e.axis]._visualValues[n]=e.getValueForPixel(d)-
e.getValueForPixel(b))}if(b===e.getPixelForValue(r)){const
t=F(u)*e.getLineWidthForValue(r)/2;b+=t,u-
=t}return{size:u,base:b,head:d,center:d+u/2}}_calculateBarIndexPixels(t,e){const
i=e.scale,n=this.options,o=n.skipNull,a=1(n.maxBarThickness,1/0);let
r,h;if(e.grouped){const i=o?
this._getStackCount(t):e.stackCount,l="flex"===n.barThickness?function(t,e,i,s)
{const n=e.pixels,o=n[t];let a=t>0?n[t-1]:null,r=t<n.length-1?n[t+1]:null;const
l=i.categoryPercentage;null===a&&(a=o-(null===r?e.end-e.start:r-o)),null===r&&
(r=o+o-a);const h=o-(o-Math.min(a,r))/2*1;return{chunk:Math.abs(r-
a)/2*1/s,ratio:i.barPercentage,start:h}}(t,e,n,i):function(t,e,i,n){const
o=i.barThickness;let a,r;return s(o)?
(a=e.min*i.categoryPercentage,r=i.barPercentage):(a=o*n,r=1),
{chunk:a/n,ratio:r,start:e.pixels[t]-a/2}}
(t,e,n,i),c=this._getStackIndex(this.index,this._cachedMeta.stack,o?t:void
0);r=l.start+l.chunk*c+l.chunk/2,h=Math.min(a,l.chunk*l.ratio)}else
r=i.getPixelForValue(this.getParsed(t)
[i.axis],t),h=Math.min(a,e.min*e.ratio);return{base:r-
h/2,head:r+h/2,center:r,size:h}}draw(){const
t=this._cachedMeta,e=t.vScale,i=t.data,s=i.length;let
n=0;for(;n<s;++n)null!==(this.getParsed(n)
[e.axis]&&i[n].draw(this.ctx)),BubbleController:class extends Ns{static
id="bubble";static defaults=
{datasetElementType:!!1,dataElementType:"point",animations:{numbers:
{type:"number",properties:["x","y","borderWidth","radius"]}}};static overrides=
{scales:{x:{type:"linear"},y:{type:"linear"}}};initialize()
{this.enableOptionSharing=!0,super.initialize()}parsePrimitiveData(t,e,i,s){const
n=super.parsePrimitiveData(t,e,i,s);for(let
t=0;t<n.length;t++)n[t]._custom=this.resolveDataElementOptions(t+i).radius;return
n}parseArrayData(t,e,i,s){const n=super.parseArrayData(t,e,i,s);for(let
t=0;t<n.length;t++){const
s=e[i+t];n[t]._custom=1(s[2],this.resolveDataElementOptions(t+i).radius)}return
n}parseObjectData(t,e,i,s){const n=super.parseObjectData(t,e,i,s);for(let
t=0;t<n.length;t++){const
s=e[i+t];n[t]._custom=1(s&&s.r&&s.r,this.resolveDataElementOptions(t+i).radius)}re
turn n}getMaxOverflow(){const t=this._cachedMeta.data;let e=0;for(let i=t.length-
1;i>=0;--i)e=Math.max(e,t[i].size(this.resolveDataElementOptions(i))/2);return
e>0&&e}getLabelAndValue(t){const e=this._cachedMeta,i=this.chart.data.labels||[],
{xScale:s,yScale:n}=e,o=this.getParsed(t),a=s.getLabelForValue(o.x),r=n.getLabelFor
Value(o.y),l=o._custom;return{label:i[t]||"",value:"("+a+", "+r+(l?"
"+l:"")+")"}}}update(t){const

```

```

e=this._cachedMeta.data;this.updateElements(e,0,e.length,t)}updateElements(t,e,i,s)
{const n="reset"===s,{iScale:o,vScale:a}=this._cachedMeta,
{sharedOptions:r,includeOptions:l}=this._getSharedOptions(e,s),h=o.axis,c=a.axis;fo
r(let d=e;d<e+i;d++){const e=t[d],i=!n&&this.getParsed(d),u={},f=u[h]=n?
o.getPixelForDecimal(.5):o.getPixelForValue(i[h]),g=u[c]=n?
a.getBasePixel():a.getPixelForValue(i[c]);u.skip=isNaN(f)||isNaN(g),l&&
(u.options=r||this.resolveDataElementOptions(d,e.active?"active":s),n&&
(u.options.radius=0)),this.updateElement(e,d,u,s)}}resolveDataElementOptions(t,e)
{const i=this.getParsed(t);let s=super.resolveDataElementOptions(t,e);s.$shared&&
(s=Object.assign({},s,{shared:!1}));const n=s.radius;return"active"!==e&&
(s.radius=0),s.radius+=1(i&&i._custom,n),s}},DoughnutController:jn,LineController:c
class extends Ns{static id="line";static defaults=
{datasetElementType:"line",dataElementType:"point",showLine:!0,spanGaps:!1};static
overrides={scales:{_index_{type:"category"},_value_{type:"linear"}}};initialize()
{this.enableOptionSharing=!0,this.supportsDecimation=!0,super.initialize()}update(t)
{const e=this._cachedMeta,{dataset:i,data:s=
[],_dataset:n}=e,o=this.chart._animationsDisabled;let{start:a,count:r}=pt(e,s,o);th
is._drawStart=a,this._drawCount=r,mt(e)&&
(a=0,r=s.length),i._chart=this.chart,i._datasetIndex=this.index,i._decimated=!!n._d
ecimated,i.points=s;const
l=this.resolveDatasetElementOptions(t);this.options.showLine||
(l.borderWidth=0),l.segment=this.options.segment,this.updateElement(i,void 0,
{animated:!0,options:l},t),this.updateElements(s,a,r,t)}updateElements(t,e,i,n)
{const o="reset"===n,{iScale:a,vScale:r,_stacked:l,_dataset:h}=this._cachedMeta,
{sharedOptions:c,includeOptions:d}=this._getSharedOptions(e,n),u=a.axis,f=r.axis,
{spanGaps:g,segment:p}=this.options,m=N(g)?
g:Number.POSITIVE_INFINITY,b=this.chart._animationsDisabled||o||"none"===n,x=e+i,_=
t.length;let y=e>0&&this.getParsed(e-1);for(let i=0;i<_;++i){const g=t[i],_=b?g:
{};if(i<e||i>=x){_.skip=!0;continue}const
v=this.getParsed(i),M=s(v[f]),w=[u]=a.getPixelForValue(v[u],i),k=[f]=o||M?
r.getBasePixel():r.getPixelForValue(l?
this.applyStack(r,v,l):v[f],i);_.skip=isNaN(w)||isNaN(k)||M,_.stop=i>0&&Math.abs(v[
u]-y[u])>m,p&&(_.parsed=v,_.raw=h.data[i]),d&&
(_.options=c||this.resolveDataElementOptions(i,g.active?"active":n)),b||this.update
Element(g,i,_,n),y=v)}getMaxOverflow(){const
t=this._cachedMeta,e=t.dataset,i=e.options&&e.options.borderWidth||0,s=t.data||
[];if(!s.length)return i;const
n=s[0].size(this.resolveDataElementOptions(0)),o=s[s.length-
1].size(this.resolveDataElementOptions(s.length-1));return Math.max(i,n,o)/2}draw()
{const
t=this._cachedMeta;t.dataset.updateControlPoints(this.chart.chartArea,t.iScale.axis
),super.draw()}}PieController:class extends jn{static id="pie";static defaults=
{cutout:0,rotation:0,circumference:360,radius:"100%"}},PolarAreaController:$n,Radar
Controller:class extends Ns{static id="radar";static defaults=
{datasetElementType:"line",dataElementType:"point",indexAxis:"r",showLine:!0,elemen
ts:{line:{fill:"start"}}};static overrides={aspectRatio:1,scales:{r:
{type:"radialLinear"}}};getLabelAndValue(t){const
e=this._cachedMeta.vScale,i=this.getParsed(t);return{label:e.getLabels()
[t],value:""+e.getLabelForValue(i[e.axis])}}parseObjectData(t,e,i,s){return
ii.bind(this)(t,e,i,s)}update(t){const e=this._cachedMeta,i=e.dataset,s=e.data||
[],n=e.iScale.getLabels();if(i.points=s,"resize"!==t){const
e=this.resolveDatasetElementOptions(t);this.options.showLine||
(e.borderWidth=0);const o=
[_loop:!0,_fullLoop:n.length===s.length,options:e];this.updateElement(i,void
0,o,t)}this.updateElements(s,0,s.length,t)}updateElements(t,e,i,s){const
n=this._cachedMeta.rScale,o="reset"===s;for(let a=e;a<e+i;a++){const
e=t[a],i=this.resolveDataElementOptions(a,e.active?"active":s),r=n.getPointPosition
ForValue(a,this.getParsed(a).r),l=o?n.xCenter:r.x,h=o?n.yCenter:r.y,c=

```

```

{x:l,y:h,angle:r.angle,skip:isNaN(l)||isNaN(h),options:i};this.updateElement(e,a,c,
s)}}},ScatterController:class extends Ns{static id="scatter";static defaults=
{datasetElementType:!1,dataElementType:"point",showLine:!1,fill:!1};static
overrides={interaction:{mode:"point"},scales:{x:{type:"linear"},y:
{type:"linear"}}};getLabelAndValue(t){const
e=this._cachedMeta,i=this.chart.data.labels||[],
{xScale:s,yScale:n}=e,o=this.getParsed(t),a=s.getLabelForValue(o.x),r=n.getLabelFor
Value(o.y);return{label:i[t]||"",value:(" "+a+" "+r+"")}}update(t){const
e=this._cachedMeta,{data:i=
[]}=e,s=this.chart._animationsDisabled;let{start:n,count:o}=pt(e,i,s);if(this._draw
Start=n,this._drawCount=o,mt(e)&&(n=0,o=i.length),this.options.showLine)
{this.datasetElementType||this.addElements();const{dataset:n,_dataset:o}=e;n._chart
=this.chart,n._datasetIndex=this.index,n._decimated=!o._decimated,n.points=i;const
a=this.resolveDatasetElementOptions(t);a.segment=this.options.segment,this.updateEl
ement(n,void 0,{animated:!s,options:a},t)}else this.datasetElementType&&(delete
e.dataset,this.datasetElementType=!1);this.updateElements(i,n,o,t)}addElements()
{const{showLine:t}=this.options;!this.datasetElementType&&t&&
(this.datasetElementType=this.chart.registry.getElement("line")),super.addElements(
)}updateElements(t,e,i,n){const o="reset"===n,
{iScale:a,vScale:r,_stacked:l,_dataset:h}=this._cachedMeta,c=this.resolveDataElemen
tOptions(e,n),d=this.getSharedOptions(c),u=this.includeOptions(n,d),f=a.axis,g=r.ax
is,{spanGaps:p,segment:m}=this.options,b=N(p)?
p:Number.POSITIVE_INFINITY,x=this.chart._animationsDisabled||o||"none"===n;let
_e>0&&this.getParsed(e-1);for(let c=e;c<e+i;++c){const
e=t[c],i=this.getParsed(c),p=x?e:
{,y=s(i[g]),v=p[f]=a.getPixelForValue(i[f],c),M=p[g]=o||y?
r.getBasePixel():r.getPixelForValue(l?
this.applyStack(r,i,l):i[g],c);p.skip=isNaN(v)||isNaN(M)||y,p.stop=c>0&&Math.abs(i[
f]-_[f])>b,m&&(p.parsed=i,p.raw=h.data[c]),u&&
(p.options=d||this.resolveDataElementOptions(c,e.active?"active":n)),x||this.update
Element(e,c,p,n),_=i}this.updateSharedOptions(d,n,c)}getMaxOverflow(){const
t=this._cachedMeta,e=t.data||[];if(!this.options.showLine){let t=0;for(let
i=e.length-1;i>=0;--
i)t=Math.max(t,e[i].size(this.resolveDataElementOptions(i))/2);return t>0&&t}const
i=t.dataset,s=i.options&&i.options.borderWidth||0;if(!e.length)return s;const
n=e[0].size(this.resolveDataElementOptions(0)),o=e[e.length-
1].size(this.resolveDataElementOptions(e.length-1));return
Math.max(s,n,o)/2}}};function Un(t,e,i,s){const n=vi(t.options.borderRadius,
["outerStart","outerEnd","innerStart","innerEnd"]);const o=(i-
e)/2,a=Math.min(o,s*e/2),r=t>=>{const e=(i-Math.min(o,t))*s/2;return
J(t,0,Math.min(o,e));return{outerStart:r(n.outerStart),outerEnd:r(n.outerEnd),inne
rStart:J(n.innerStart,0,a),innerEnd:J(n.innerEnd,0,a)}}function Xn(t,e,i,s)
{return{x:i+t*Math.cos(e),y:s+t*Math.sin(e)}}function qn(t,e,i,s,n,o)
{const{x:a,y:r,startAngle:l,pixelMargin:h,innerRadius:c}=e,d=Math.max(e.outerRadius
+s+i-h,0),u=c>0?c+s+i+h:0;let f=0;const g=n-1;if(s){const t=((c>0?c-s:0)+(d>0?d-
s:0))/2;f=(g-(0!==t?g*t/(t+s):g))/2}const p=(g-Math.max(.001,g*d-
i/C)/d)/2,m=l+p+f,b=n-p-f,
{outerStart:x,outerEnd:_,innerStart:y,innerEnd:v}=Un(e,u,d,b-m),M=d-x,w=d-
_,k=m+x/M,S=b-_w,P=u+y,D=u+v,O=m+y/P,A=b-v/D;if(t.beginPath(),o){const e=
(k+S)/2;if(t.arc(a,r,d,k,e),t.arc(a,r,d,e,S),_>0){const
e=Xn(w,S,a,r);t.arc(e.x,e.y,_,S,b+E)}const i=Xn(D,b,a,r);if(t.lineTo(i.x,i.y),v>0)
{const e=Xn(D,A,a,r);t.arc(e.x,e.y,v,b+E,A+Math.PI)}const s=(b-v/u+
(m+y/u))/2;if(t.arc(a,r,u,b-v/u,s,!0),t.arc(a,r,u,s,m+y/u,!0),y>0){const
e=Xn(P,O,a,r);t.arc(e.x,e.y,y,O+Math.PI,m-E)}const
n=Xn(M,m,a,r);if(t.lineTo(n.x,n.y),x>0){const e=Xn(M,k,a,r);t.arc(e.x,e.y,x,m-
E,k)}}else{t.moveTo(a,r);const
e=Math.cos(k)*d+a,i=Math.sin(k)*d+r;t.lineTo(e,i);const
s=Math.cos(S)*d+a,n=Math.sin(S)*d+r;t.lineTo(s,n)}t.closePath()}function

```

```

Kn(t,e,i,s,n){const{fullCircles:o,startAngle:a,circumference:r,options:l}=e,
{borderWidth:h,borderJoinStyle:c,borderDash:d,borderDashOffset:u}=l,f="inner"===l.b
orderAlign;if(!h)return;t.setLineDash(d||[]),t.lineDashOffset=u,f?
(t.lineWidth=2*h,t.lineJoin=c||"round"):(t.lineWidth=h,t.lineJoin=c||"bevel");let
g=e.endAngle;if(o){qn(t,e,i,s,g,n);for(let e=0;e<o;++e)t.stroke();isNaN(r)||
(g=a+(r%O||O))}f&&function(t,e,i)
{const{startAngle:s,pixelMargin:n,x:o,y:a,outerRadius:r,innerRadius:l}=e;let
h=n/r;t.beginPath(),t.arc(o,a,r,s-h,i+h),l>n?(h=n/l,t.arc(o,a,l,i+h,s-
h,!0)):t.arc(o,a,n,i+E,s-E),t.closePath(),t.clip()(t,e,g),o||
(qn(t,e,i,s,g,n),t.stroke())}function Gn(t,e,i=e)
{t.lineCap=l(i.borderCapStyle,e.borderCapStyle),t.setLineDash(l(i.borderDash,e.bord
erDash)),t.lineDashOffset=l(i.borderDashOffset,e.borderDashOffset),t.lineJoin=l(i.b
orderJoinStyle,e.borderJoinStyle),t.lineWidth=l(i.borderWidth,e.borderWidth),t.stro
keStyle=l(i.borderColor,e.borderColor)}function Zn(t,e,i)
{t.lineTo(i.x,i.y)}function Jn(t,e,i={}){const s=t.length,{start:n=0,end:o=s-1}=i,
{start:a,end:r}=e,l=Math.max(n,a),h=Math.min(o,r),c=n<a&&o<a||n>r&&o>r;return{count
:s,start:l,loop:e.loop,ilen:h<l&&!c?s+h-l:h-l}}function Qn(t,e,i,s)
{const{points:n,options:o}=e,
{count:a,start:r,loop:l,ilen:h}=Jn(n,i,s),c=function(t){return t.stepped?
Fe:t.tension||"monotone"===t.cubicInterpolationMode?Ve:Zn}(o);let d,u,f,
{move:g=!0,reverse:p}=s||{};for(d=0;d<=h;++d)u=n[(r+(p?h-d:d))%a],u.skip||
(g?(t.moveTo(u.x,u.y),g=!1):c(t,f,u,p,o.stepped),f=u);return l&&(u=n[(r+(p?
h:0))%a],c(t,f,u,p,o.stepped)),!!l}function to(t,e,i,s){const n=e.points,
{count:o,start:a,ilen:r}=Jn(n,i,s),{move:l=!0,reverse:h}=s||{};let
c,d,u,f,g,p,m=0,b=0;const x=t=>(a+(h?r-t:t))%o,_=(t=>{f!==g&&
(t.lineTo(m,g),t.lineTo(m,f),t.lineTo(m,p))});for(l&&
(d=n[x(0)],t.moveTo(d.x,d.y)),c=0;c<=r;++c){if(d=n[x(c)],d.skip)continue;const
e=d.x,i=d.y,s=0|e;s===u?(i<f?f=i:i>g&&(g=i),m=(b*m+e)/++b):
(_(),t.lineTo(e,i),u=s,b=0,f=g,i,p=i)}function eo(t){const
e=t.options,i=e.borderDash&&e.borderDash.length;return!
(t._decimated||t._loop||e.tension||"monotone"===e.cubicInterpolationMode||e.stepped
||i)?to:Qn}const io="function"===typeof Path2D;function so(t,e,i,s)
{io&&!e.options.segment?function(t,e,i,s){let n=e._path;n||(n=e._path=new
Path2D,e.path(n,i,s)&&n.closePath()),Gn(t,e.options),t.stroke(n)}
(t,e,i,s):function(t,e,i,s){const{segments:n,options:o}=e,a=eo(e);for(const r of
n)Gn(t,o,r.style),t.beginPath(),a(t,e,r,{start:i,end:i+s-
1})&&t.closePath(),t.stroke()(t,e,i,s)}class no extends Hs{static id="line";static
defaults={borderCapStyle:"butt",borderDash:
[],borderDashOffset:0,borderJoinStyle:"miter",borderWidth:3,capBezierPoints:!0,cubi
cInterpolationMode:"default",fill:!1,spanGaps:!1,stepped:!1,tension:0};static
defaultRoutes={backgroundColor:"backgroundColor",borderColor:"borderColor"};static
descriptors=
{_scriptable:!0,_indexable:t=>"borderDash"!==t&&"fill"!==t};constructor(t)
{super(),this.animated=!0,this.options=void 0,this._chart=void 0,this._loop=void
0,this._fullLoop=void 0,this._path=void 0,this._points=void 0,this._segments=void
0,this._decimated=!1,this._pointsUpdated=!1,this._datasetIndex=void
0,t&&Object.assign(this,t)}updateControlPoints(t,e){const
i=this.options;if((i.tension||"monotone"===i.cubicInterpolationMode)&&!i.stepped&&!
this._pointsUpdated){const s=i.spanGaps?
this._loop:this._fullLoop;hi(this._points,i,t,s,e),this._pointsUpdated=!0}}set
points(t){this._points=t,delete this._segments,delete
this._path,this._pointsUpdated=!1}get points(){return this._points}get segments()
{return this._segments||(this._segments=zi(this,this.options.segment))}first()
{const t=this.segments,e=this.points;return t.length&&e[t[0].start]}last(){const
t=this.segments,e=this.points,i=t.length;return i&&e[t[i-1].end]}interpolate(t,e)
{const i=this.options,s=t[e],n=this.points,o=Ii(this,
{property:e,start:s,end:s});if(!o.length)return;const a=[],r=function(t){return
t.stepped?pi:t.tension||"monotone"===t.cubicInterpolationMode?mi:gi}(i);let

```

```

1,h;for(l=0,h=o.length;l<h;++l){const{start:h,end:c}=o[l],d=n[h],u=n[c];if(d===u)
{a.push(d);continue}const f=r(d,u,Math.abs((s-d[e])/(u[e]-
d[e])),i.stepped);f[e]=t[e],a.push(f)}return l===a.length?a[0]:a}pathSegment(t,e,i)
{return eo(this)(t,this,e,i)}path(t,e,i){const s=this.segments,n=eo(this);let
o=this._loop;e=e||0,i=i||this.points.length-e;for(const a of s)o&=n(t,this,a,
{start:e,end:e+i-1});return!!o}draw(t,e,i,s){const n=this.options||{};
(this.points||[]).length&&n.borderWidth&&
(t.save(),so(t,this,i,s),t.restore()),this.animated&&
(this._pointsUpdated=!1,this._path=void 0)}}function oo(t,e,i,s){const n=t.options,
{[i]:o}=t.getProps([i],s);return Math.abs(e-o)<n.radius+n.hitRadius}function
ao(t,e)
{const{x:i,y:s,base:n,width:o,height:a}=t.getProps(["x","y","base","width","height"
],e);let r,l,h,c,d;return t.horizontal?(d=a/2,r=Math.min(i,n),l=Math.max(i,n),h=s-
d,c=s+d):(d=o/2,r=i-d,l=i+d,h=Math.min(s,n),c=Math.max(s,n)),
{left:r,top:h,right:l,bottom:c}}function ro(t,e,i,s){return t?J(e,i,s)}function
lo(t){const e=ao(t),i=e.right-e.left,s=e.bottom-e.top,n=function(t,e,i){const
s=t.options.borderWidth,n=t.borderSkipped,o=Mi(s);return{t:ro(n.top,o.top,0,i),r:ro
(n.right,o.right,0,e),b:ro(n.bottom,o.bottom,0,i),l:ro(n.left,o.left,0,e)}}
(t,i/2,s/2),a=function(t,e,i)
{const{enableBorderRadius:s}=t.getProps(["enableBorderRadius"]),n=t.options.borderR
adius,a=wi(n),r=Math.min(e,i),l=t.borderSkipped,h=s||o(n);return{topLeft:ro(!h||l.t
op||l.left,a.topLeft,0,r),topRight:ro(!h||l.top||l.right,a.topRight,0,r),bottomLeft
:ro(!h||l.bottom||l.left,a.bottomLeft,0,r),bottomRight:ro(!h||l.bottom||l.right,a.b
ottomRight,0,r)}}(t,i/2,s/2);return{outer:
{x:e.left,y:e.top,w:i,h:s,radius:a},inner:{x:e.left+n.l,y:e.top+n.t,w:i-n.l-
n.r,h:s-n.t-n.b,radius:{topLeft:Math.max(0,a.topLeft-
Math.max(n.t,n.l),topRight:Math.max(0,a.topRight-
Math.max(n.t,n.r),bottomLeft:Math.max(0,a.bottomLeft-
Math.max(n.b,n.l),bottomRight:Math.max(0,a.bottomRight-
Math.max(n.b,n.r))}}}}function ho(t,e,i,s){const n=null===e,o=null===i,a=t&&!
(n&&o)&&ao(t,s);return a&&(n||tt(e,a.left,a.right))&&
(o||tt(i,a.top,a.bottom))}function co(t,e){t.rect(e.x,e.y,e.w,e.h)}function
uo(t,e,i={}){const s=t.x!==i.x?-e:0,n=t.y!==i.y?-e:0,o=(t.x+t.w===i.x+i.w?-e:0)-s,a=
(t.y+t.h===i.y+i.h?-e:0)-
n;return{x:t.x+s,y:t.y+n,w:t.w+o,h:t.h+a,radius:t.radius}}var
fo=Object.freeze({__proto__:null,ArcElement:class extends Hs{static id="arc";static
defaults={borderAlign:"center",borderColor:"#fff",borderDash:
[],borderDashOffset:0,borderJoinStyle:void
0,borderRadius:0,borderWidth:2,offset:0,spacing:0,angle:void 0,circular:!0};static
defaultRoutes={backgroundColor:"backgroundColor";static descriptors=
{__scriptable:!0,__indexable:t=>"borderDash"!==t};circumference;endAngle;fullCircles;
innerRadius;outerRadius;pixelMargin;startAngle;constructor(t)
{super(),this.options=void 0,this.circumference=void 0,this.startAngle=void
0,this.endAngle=void 0,this.innerRadius=void 0,this.outerRadius=void
0,this.pixelMargin=0,this.fullCircles=0,t&&Object.assign(this,t)}inRange(t,e,i)
{const s=this.getProps(["x","y"],i),{angle:n,distance:o}=X(s,{x:t,y:e}),
{startAngle:a,endAngle:r,innerRadius:h,outerRadius:c,circumference:d}=this.getProps
(["startAngle","endAngle","innerRadius","outerRadius","circumference"],i),u=
(this.options.spacing+this.options.borderWidth)/2,f=l(d,r-
a)>=0||Z(n,a,r),g=tt(o,h+u,c+u);return f&&g}getCenterPoint(t)
{const{x:e,y:i,startAngle:s,endAngle:n,innerRadius:o,outerRadius:a}=this.getProps(["
x","y","startAngle","endAngle","innerRadius","outerRadius"],t),
{offset:r,spacing:l}=this.options,h=(s+n)/2,c=
(o+a+l+r)/2;return{x:e+Math.cos(h)*c,y:i+Math.sin(h)*c}}tooltipPosition(t){return
this.getCenterPoint(t)}draw(t){const{options:e,circumference:i}=this,s=
(e.offset||0)/4,n=
(e.spacing||0)/2,o=e.circular;if(this.pixelMargin="inner"===e.borderAlign?.33:0,thi
s.fullCircles=i>0?

```

```

Math.floor(i/O):0,0===i||this.innerRadius<0||this.outerRadius<0)return;t.save();const a=
(this.startAngle+this.endAngle)/2;t.translate(Math.cos(a)*s,Math.sin(a)*s);const r=s*(1-
Math.sin(Math.min(C,i||0)));t.fillStyle=e.backgroundColor,t.strokeStyle=e.borderColor,function(t,e,i,s,n){const{fullCircles:o,startAngle:a,circumference:r}=e;let l=e.endAngle;if(o){qn(t,e,i,s,l,n);for(let e=0;e<o;++e)t.fill();isNaN(r)||l=a+(r%O||0)}qn(t,e,i,s,l,n),t.fill()}(t,this,r,n,o),Kn(t,this,r,n,o),t.restore())},BarElement:class extends Hs{static id="bar";static defaults={borderSkipped:"start",borderWidth:0,borderRadius:0,inflateAmount:"auto",pointStyle:void 0};static defaultRoutes={backgroundColor:"backgroundColor",borderColor:"borderColor"};constructor(t){super(),this.options=void 0,this.horizontal=void 0,this.base=void 0,this.width=void 0,this.height=void 0,this.inflateAmount=void 0,t&&Object.assign(this,t)}draw(t){const{inflateAmount:e,options:{borderColor:i,backgroundColor:s}}=this,{inner:n,outer:o}=lo(this),a=(r=o.radius).topLeft||r.topRight||r.bottomLeft||r.bottomRight?He:co;var r;t.save(),o.w===n.w&&o.h===n.h||(t.beginPath(),a(t,uo(o,e,n)),t.clip(),a(t,uo(n,-e,o)),t.fillStyle=i,t.fill("evenodd"),t.beginPath(),a(t,uo(n,e)),t.fillStyle=s,t.fill(),t.restore())inRange(t,e,i){return ho(this,t,e,i)}inXRange(t,e){return ho(this,t,null,e)}inYRange(t,e){return ho(this,null,t,e)}getCenterPoint(t){const{x:e,y:i,base:s,horizontal:n}=this.getProps(["x","y","base","horizontal"],t);return{x:n?(e+s)/2:e,y:n?i:(i+s)/2}}getRange(t){return"x"===t?this.width/2:this.height/2}},LineElement:no,PointElement:class extends Hs{static id="point";parsed;skip;stop;static defaults={borderWidth:1,hitRadius:1,hoverBorderWidth:1,hoverRadius:4,pointStyle:"circle",radius:3,rotation:0};static defaultRoutes={backgroundColor:"backgroundColor",borderColor:"borderColor"};constructor(t){super(),this.options=void 0,this.parsed=void 0,this.skip=void 0,this.stop=void 0,t&&Object.assign(this,t)}inRange(t,e,i){const s=this.options,{x:n,y:o}=this.getProps(["x","y"],i);return Math.pow(t-n,2)+Math.pow(e-o,2)<Math.pow(s.hitRadius+s.radius,2)}inXRange(t,e){return oo(this,t,"x",e)}inYRange(t,e){return oo(this,t,"y",e)}getCenterPoint(t){const{x:e,y:i}=this.getProps(["x","y"],t);return{x:e,y:i}}size(t){let e=(t=t||this.options||{}).radius||0;e=Math.max(e,e&&t.hoverRadius||0);return 2*(e+(e&&t.borderWidth||0))}draw(t,e){const i=this.options;this.skip||i.radius<.1||!Re(this,e,this.size(i)/2)||t.strokeStyle=i.borderColor,t.lineWidth=i.borderWidth,t.fillStyle=i.backgroundColor,Le(t,i,this.x,this.y))getRange(){const t=this.options||{};return t.radius+t.hitRadius}});function go(t,e,i,s){const n=t.indexOf(e);if(-1===n)return((t,e,i,s)=>("string"===typeof e?(i=t.push(e)-1,s.unshift({index:i,label:e}):isNaN(e)&&(i=null),i))(t,e,i,s);return n!==t.lastIndexOf(e)?i:n}function po(t){const e=this.getLabels();return t>0&&t<e.length?e[t]:t}function mo(t,e,{horizontal:i,minRotation:s}){const n=$(s),o=(i?Math.sin(n):Math.cos(n))||.001,a=.75*e*(""+t).length;return Math.min(e/o,a)}class bo extends Js{constructor(t){super(t),this.start=void 0,this.end=void 0,this._startValue=void 0,this._endValue=void 0,this._valueRange=0}parse(t,e){return s(t)||("number"===typeof t||t instanceof Number)&&!isFinite(+t)?null:+t}handleTickRangeOptions(){const{beginAtZero:t}=this.options,{minDefined:e,maxDefined:i}=this.getUserBounds();let{min:s,max:n}=this;const o=t>s?e:s,t=a=t>n?i:n;t;if(t){const t=F(s),e=F(n);t<0&&e<0?a(0):t>0&&e>0&&o(0)}if(s===n){let e=0===n?1:Math.abs(.05*n);a(n+e),t||o(s-e)}this.min=s,this.max=n}getTickLimit(){const t=this.options.ticks;let e,{maxTicksLimit:i,stepSize:s}=t;return s?(e=Math.ceil(this.max/s)-Math.floor(this.min/s)+1,e>1e3&&(console.warn(`scales.${this.id}.ticks.stepSize: ${s} would result generating up to ${e} ticks. Limiting to 1000.`),e=1e3)):}

```

```

(e=this.computeTickLimit(),i=i||1),i&&(e=Math.min(i,e)),e}computeTickLimit()
{return Number.POSITIVE_INFINITY}buildTicks(){const t=this.options,e=t.ticks;let
i=this.getTickLimit();i=Math.max(2,i);const n=function(t,e){const i=[],
{bounds:n,step:o,min:a,max:r,precision:l,count:h,maxTicks:c,maxDigits:d,includeBoun
ds:u}=t,f=o||1,g=c-1,{min:p,max:m}=e,b=!s(a),x=!s(r),_=!s(h),y=(m-p)/(d+1);let
v,M,w,k,S=B((m-p)/g/f)*f;if(S<1e-14&&!b&&!x)return[{value:p},
{value:m}];k=Math.ceil(m/S)-Math.floor(p/S),k>g&&(S=B(k*S/g/f)*f),s(1)||
(v=Math.pow(10,1),S=Math.ceil(S*v)/v),"ticks"===n?
(M=Math.floor(p/S)*S,w=Math.ceil(m/S)*S):(M=p,w=m),b&&x&&o&&H((r-a)/o,S/1e3)?
(k=Math.round(Math.min((r-a)/S,c)),S=(r-a)/k,M=a,w=r):_(M=b?a:M,w=x?r:w,k=h-1,S=
(w-M)/k):(k=(w-M)/S,k=V(k,Math.round(k),S/1e3)?Math.round(k):Math.ceil(k));const
P=Math.max(U(S),U(M));v=Math.pow(10,s(1)?
P:1),M=Math.round(M*v)/v,w=Math.round(w*v)/v;let D=0;for(b&&(u&&M!==(a?
(i.push({value:a}),M<a&&D++,V(Math.round((M+D*S)*v)/v,a,mo(a,y,t))&&D++):M<a&&D++);
D<k;++D){const t=Math.round((M+D*S)*v)/v;if(x&&t>r)break;i.push({value:t})}return
x&&u&&w!==(r?i.length&&V(i[i.length-1].value,r,mo(r,y,t))?i[i.length-
1].value=r:i.push({value:r}):x&&w!==(r|i.push({value:w}),i)
({maxTicks:i,bounds:t.bounds,min:t.min,max:t.max,precision:e.precision,step:e.steps
ize,count:e.count,maxDigits:this._maxDigits(),horizontal:this.isHorizontal(),minRot
ation:e.minRotation||0,includeBounds:!!e.includeBounds},this._range||this);retur
n"ticks"===t.bounds&&j(n,this,"value"),t.reverse?
(n.reverse(),this.start=this.max,this.end=this.min):
(this.start=this.min,this.end=this.max),n}configure(){const t=this.ticks;let
e=this.min,i=this.max;if(super.configure(),this.options.offset&&t.length){const s=
(i-e)/Math.max(t.length-1,1)/2;e-
=s,i+=s}this._startValue=e,this._endValue=i,this._valueRange=i-
e}getLabelForValue(t){return
ne(t,this.chart.options.locale,this.options.ticks.format)}}class xo extends
bo{static id="linear";static defaults={ticks:
{callback:ae.formatters.numeric}};determineDataLimits()
{const{min:t,max:e}=this.getMinMax(!0);this.min=a(t)?t:0,this.max=a(e)?
e:1,this.handleTickRangeOptions()}computeTickLimit(){const
t=this.isHorizontal(),e=t?
this.width:this.height,i=$(this.options.ticks.minRotation),s=(t?
Math.sin(i):Math.cos(i))||.001,n=this._resolveTickFontOptions(0);return
Math.ceil(e/Math.min(40,n.lineHeight/s))getPixelForValue(t){return null===t?
NaN:this.getPixelForDecimal((t-
this._startValue)/this._valueRange)}getValueForPixel(t){return
this._startValue+this.getDecimalForPixel(t)*this._valueRange}const
_o=t=>Math.floor(z(t)),yo=(t,e)>=>Math.pow(10,_o(t)+e);function vo(t){return
l===t/Math.pow(10,_o(t))}function Mo(t,e,i){const
s=Math.pow(10,i),n=Math.floor(t/s);return Math.ceil(e/s)-n}function wo(t,
{min:e,max:i}){e=r(t.min,e);const s=[],n=_o(e);let o=function(t,e){let i=_o(e-
t);for(;Mo(t,e,i)>10;)i++;for(;Mo(t,e,i)<10;)i--;return Math.min(i,_o(t))}
(e,i),a=o<0?Math.pow(10,Math.abs(o)):1;const l=Math.pow(10,o),h=n>o?
Math.pow(10,n):0,c=Math.round((e-h)*a)/a,d=Math.floor((e-h)/l/10)*l*10;let
u=Math.floor((c-
d)/Math.pow(10,o)),f=r(t.min,Math.round((h+d+u*Math.pow(10,o))*a)/a);for(;f<i;)s.pu
sh({value:f,major:vo(f),significand:u}),u>=10?u=u<15?15:20:u++,u>=20&&
(o++,u=2,a=o>=0?1:a),f=Math.round((h+d+u*Math.pow(10,o))*a)/a;const
g=r(t.max,f);return s.push({value:g,major:vo(g),significand:u}),s}class ko extends
Js{static id="logarithmic";static defaults={ticks:
{callback:ae.formatters.logarithmic,major:{enabled:!0}}};constructor(t)
{super(t),this.start=void 0,this.end=void 0,this._startValue=void
0,this._valueRange=0}parse(t,e){const i=bo.prototype.parse.apply(this,
[t,e]);if(0!==i)return a(i)&&i>0?i:null;this._zero=!0}determineDataLimits()
{const{min:t,max:e}=this.getMinMax(!0);this.min=a(t)?
Math.max(0,t):null,this.max=a(e)?Math.max(0,e):null,this.options.beginAtZero&&

```

```

(this._zero=!0),this._zero&&this.min!==this._suggestedMin&&!a(this._userMin)&&
(this.min=t===yo(this.min,0)?
yo(this.min,-1):yo(this.min,0)),this.handleTickRangeOptions()handleTickRangeOption
s(){const{minDefined:t,maxDefined:e}=this.getUserBounds();let
i=this.min,s=this.max;const n=e>i?t:i:e,o=t>s?e?s:t;i===s&&(i<=0?(n(1),o(10)):
(n(yo(i,-1)),o(yo(s,1)))),i<=0&&n(yo(s,-1)),s<=0&&o(yo(i,1)),this.min=i,this.max=s}
buildTicks(){const
t=this.options,e=wo({min:this._userMin,max:this._userMax},this);return"ticks"===t.b
ounds&&j(e,this,"value"),t.reverse?
(e.reverse(),this.start=this.max,this.end=this.min):
(this.start=this.min,this.end=this.max),e}getLabelForValue(t){return void
0===t?"0":ne(t,this.chart.options.locale,this.options.ticks.format)}configure()
{const
t=this.min;super.configure(),this._startValue=z(t),this._valueRange=z(this.max)-
z(t)}getPixelForValue(t){return void 0!==t&&0!==t||t===this.min,null===t||isNaN(t)?
NaN:this.getPixelForDecimal(t===this.min?0:(z(t)-
this._startValue)/this._valueRange)}getValueForPixel(t){const
e=this.getDecimalForPixel(t);return
Math.pow(10,this._startValue+e*this._valueRange)}}function So(t){const
e=t.ticks;if(e.display&&t.display){const t=ki(e.backdropPadding);return
l(e.font&&e.font.size,ue.font.size)+t.height}return 0}function Po(t,e,i,s,n){return
t===s||t===n?{start:e-i/2,end:e+i/2}:t<s||t>n?{start:e-i,end:e}:
{start:e,end:e+i}}function Do(t){const e={l:t.left+t._padding.left,r:t.right-
t._padding.right,t:t.top+t._padding.top,b:t.bottom-
t._padding.bottom},i=Object.assign({},e),s=[],o=
[],a=t._pointLabels.length,r=t.options.pointLabels,l=r.centerPointLabels?
C/a:0;for(let u=0;u<a;u++){const
a=r.setContext(t.getPointLabelContext(u));o[u]=a.padding;const
f=t.getPointPosition(u,t.drawingArea+o[u],l),g=Si(a.font),p=
(h=t.ctx,c=g,d=n(d=t._pointLabels[u])?d:[d],
{w:Oe(h,c.string,d),h:d.length*c.lineHeight});s[u]=p;const
m=G(t.getIndexAngle(u)+l),b=Math.round(Y(m));Co(i,e,m,Po(b,f.x,p.w,0,180),Po(b,f.y,
p.h,90,270))}var h,c,d;t.setCenterPoint(e.l-i.l,i.r-e.r,e.t-i.t,i.b-
e.b),t._pointLabelItems=function(t,e,i){const s=
[],n=t._pointLabels.length,o=t.options,
{centerPointLabels:a,display:r}=o.pointLabels,l={extra:So(o)/2,additionalAngle:a?
C/n:0};let h;for(let o=0;o<n;o++){l.padding=i[o],l.size=e[o];const
n=Oo(t,o,l);s.push(n),"auto"===r&&(n.visible=Ao(n,h),n.visible&&(h=n))}return s}
(t,s,o)}function Co(t,e,i,s,n){const
o=Math.abs(Math.sin(i)),a=Math.abs(Math.cos(i));let r=0,l=0;s.start<e.l?(r=(e.l-
s.start)/o,t.l=Math.min(t.l,e.l-r)):s.end>e.r&&(r=(s.end-
e.r)/o,t.r=Math.max(t.r,e.r+r)),n.start<e.t?(l=(e.t-
n.start)/a,t.t=Math.min(t.t,e.t-l)):n.end>e.b&&(l=(n.end-
e.b)/a,t.b=Math.max(t.b,e.b+l))}function Oo(t,e,i){const s=t.drawingArea,
{extra:n,additionalAngle:o,padding:a,size:r}=i,l=t.getPointPosition(e,s+n+a,o),h=Ma
th.round(Y(G(l.angle+E))),c=function(t,e,i){90===i||270===i?t-=e/2:(i>270||i<90)&&
(t-=e);return t}(l.y,r.h,h),d=function(t)
{if(0===t||180===t)return"center";if(t<180)return"left";return"right"}
(h),u=function(t,e,i){"right"===i?t-=e:"center"===i&&(t-=e/2);return t}
(l.x,r.w,d);return{visible:!0,x:l.x,y:c,textAlign:d,left:u,top:c,right:u+r.w,bottom:
c+r.h}}function Ao(t,e)
{if(!e)return!0;const{left:i,top:s,right:n,bottom:o}=t;return!
(Re({x:i,y:s},e)||Re({x:i,y:o},e)||Re({x:n,y:s},e)||Re({x:n,y:o},e))}function
To(t,e,i){const{left:n,top:o,right:a,bottom:r}=i,{backdropColor:l}=e;if(!s(l))
{const i=wi(e.borderRadius),s=ki(e.backdropPadding);t.fillStyle=l;const h=n-
s.left,c=o-s.top,d=a-n+s.width,u=r-o+s.height;Object.values(i).some((t=>0!==t))?
(t.beginPath(),He(t,
{x:h,y:c,w:d,h:u,radius:i}),t.fill()):t.fillRect(h,c,d,u)}}function Lo(t,e,i,s)

```

```

{const{ctx:n}=t;if(i)n.arc(t.xCenter,t.yCenter,e,0,0);else{let
i=t.getPointPosition(0,e);n.moveTo(i.x,i.y);for(let
o=1;o<s;o++)i=t.getPointPosition(o,e),n.lineTo(i.x,i.y)}}class Eo extends bo{static
id="radialLinear";static defaults=
{display:!0,animate:!0,position:"chartArea",angleLines:
{display:!0,lineWidth:1,borderDash:[],borderDashOffset:0},grid:
{circular:!1},startAngle:0,ticks:
{showLabelBackdrop:!0,callback:ae.formatters.numeric},pointLabels:
{backdropColor:void 0,backdropPadding:2,display:!0,font:
{size:10},callback:t=>t,padding:5,centerPointLabels:!1}};static defaultRoutes=
{"angleLines.color":"borderColor","pointLabels.color":"color","ticks.color":"color"};
static descriptors={angleLines:{_fallback:"grid"}};constructor(t)
{super(t),this.xCenter=void 0,this.yCenter=void 0,this.drawingArea=void
0,this._pointLabels=[],this._pointLabelItems=[]}setDimensions(){const
t=this._padding=ki(So(this.options)/2),e=this.width=this.maxWidth-
t.width,i=this.height=this.maxHeight-
t.height;this.xCenter=Math.floor(this.left+e/2+t.left),this.yCenter=Math.floor(this
.top+i/2+t.top),this.drawingArea=Math.floor(Math.min(e,i)/2)}determineDataLimits()
{const{min:t,max:e}=this.getMinMax(!1);this.min=a(t)&&!isNaN(t)?
t:0,this.max=a(e)&&!isNaN(e)?e:0,this.handleTickRangeOptions()}computeTickLimit()
{return Math.ceil(this.drawingArea/So(this.options))}generateTickLabels(t)
{bo.prototype.generateTickLabels.call(this,t),this._pointLabels=this.getLabels().ma
p(((t,e)=>{const i=d(this.options.pointLabels.callback,[t,e],this);return i||0===i?
i:""})).filter(((t,e)=>this.chart.getDataVisibility(e)))}fit(){const
t=this.options;t.display&&t.pointLabels.display?
Do(this):this.setCenterPoint(0,0,0,0)}setCenterPoint(t,e,i,s)
{this.xCenter+=Math.floor((t-e)/2),this.yCenter+=Math.floor((i-
s)/2),this.drawingArea-
=Math.min(this.drawingArea/2,Math.max(t,e,i,s))}getIndexAngle(t){return G(t*
O/(this._pointLabels.length||1))+$(this.options.startAngle||0)}getDistanceFromCen
terForValue(t){if(s(t))return NaN;const e=this.drawingArea/(this.max-
this.min);return this.options.reverse?(this.max-t)*e:(t-
this.min)*e}getValueForDistanceFromCenter(t){if(s(t))return NaN;const
e=t/(this.drawingArea/(this.max-this.min));return this.options.reverse?this.max-
e:this.min+e}getPointLabelContext(t){const e=this._pointLabels||
[];if(t>=0&&t<e.length){const i=e[t];return function(t,e,i){return Ci(t,
{label:i,index:e,type:"pointLabel"})}}
(this.getContext(),t,i)}getPointPosition(t,e,i=0){const s=this.getIndexAngle(t)-
E+i;return{x:Math.cos(s)*e+this.xCenter,y:Math.sin(s)*e+this.yCenter,angle:s}}getPo
intPositionForValue(t,e){return
this.getPointPosition(t,this.getDistanceFromCenterForValue(e))}getBasePosition(t)
{return
this.getPointPositionForValue(t||0,this.getBaseValue())}getPointLabelPosition(t)
{const{left:e,top:i,right:s,bottom:n}=this._pointLabelItems[t];return{left:e,top:i,
right:s,bottom:n}}drawBackground(){const{backgroundColor:t,grid:
{circular:e}}=this.options;if(t){const
i=this.ctx;i.save(),i.beginPath(),Lo(this,this.getDistanceFromCenterForValue(this._
endValue),e,this._pointLabels.length),i.closePath(),i.fillStyle=t,i.fill(),i.restor
e()}}drawGrid(){const t=this.ctx,e=this.options,
{angleLines:i,grid:s,border:n}=e,o=this._pointLabels.length;let
a,r,l;if(e.pointLabels.display&&function(t,e){const{ctx:i,options:
{pointLabels:s}}=t;for(let n=e-1;n>=0;n--){const
e=t._pointLabelItems[n];if(!e.visible)continue;const
o=s.setContext(t.getPointLabelContext(n));To(i,o,e);const a=Si(o.font),
{x:r,y:l,textAlign:h}=e;Ne(i,t._pointLabels[n],r,l+a.lineHeight/2,a,
{color:o.color,textAlign:h,textBaseline:"middle"})}}
(this,o),s.display&&this.ticks.forEach(((t,e)=>{if(0!==e)
{r=this.getDistanceFromCenterForValue(t.value);const

```

```

i=this.getContext(e),a=s.setContext(i),l=n.setContext(i);!function(t,e,i,s,n){const
o=t.ctx,a=e.circular,{color:r,lineWidth:l}=e;!a&&!s||!r||!l||i<0||
(o.save(),o.strokeStyle=r,o.lineWidth=l,o.setLineDash(n.dash),o.lineDashOffset=n.da
shOffset,o.beginPath(),Lo(t,i,a,s),o.closePath(),o.stroke(),o.restore())}
(this,a,r,o,l)}),i.display){for(t.save(),a=o-1;a>=0;a--){const
s=i.setContext(this.getLabelContext(a)),{color:n,lineWidth:o}=s;o&&n&&
(t.lineWidth=o,t.strokeStyle=n,t.setLineDash(s.borderDash),t.lineDashOffset=s.borde
rDashOffset,r=this.getDistanceFromCenterForValue(e.ticks.reverse?
this.min:this.max),l=this.getPosition(a,r),t.beginPath(),t.moveTo(this.xCenter
,this.yCenter),t.lineTo(l.x,l.y),t.stroke())}t.restore()}drawBorder()
}drawLabels(){const t=this.ctx,e=this.options,i=e.ticks;if(!i.display)return;const
s=this.getIndexAngle(0);let
n,o;t.save(),t.translate(this.xCenter,this.yCenter),t.rotate(s),t.textAlign="center
",t.textBaseline="middle",this.ticks.forEach(((s,a)=>
{if(0===a&&!e.reverse)return;const
r=i.setContext(this.getContext(a)),l=Si(r.font);if(n=this.getDistanceFromCenterForV
alue(this.ticks[a].value),r.showLabelBackdrop)
{t.font=l.string,o=t.measureText(s.label).width,t.fillStyle=r.backdropColor;const
e=ki(r.backdropPadding);t.fillRect(-o/2-e.left,-n-l.size/2-
e.top,o+e.width,l.size+e.height)}Ne(t,s.label,0,-n,l,
{color:r.color,strokeColor:r.textStrokeColor,strokeWidth:r.textStrokeWidth}))),t.r
estore()}drawTitle(){const Ro={millisecond:{common:!0,size:1,steps:1e3},second:
{common:!0,size:1e3,steps:60},minute:{common:!0,size:6e4,steps:60},hour:
{common:!0,size:36e5,steps:24},day:{common:!0,size:864e5,steps:30},week:
{common:!1,size:6048e5,steps:4},month:{common:!0,size:2628e6,steps:12},quarter:
{common:!1,size:7884e6,steps:4},year:
{common:!0,size:3154e7}},Io=Object.keys(Ro);function zo(t,e){return t-e}function
Fo(t,e){if(s(e))return null;const i=t._adapter,
{parser:n,round:o,isoWeekday:r}=t._parseOpts;let l=e;return"function"===typeof n&&
(l=n(l)),a(l)||l="string"===typeof n?i.parse(l,n):i.parse(l),null===l?null:(o&&
(l="week"!==o||!N(r)&&!0!==r?i.startOf(l,o):i.startOf(l,"isoWeek",r)),+l)}function
Vo(t,e,i,s){const n=Io.length;for(let o=Io.indexOf(t);o<n-1;++o){const
t=Ro[Io[o]],n=t.steps?t.steps:Number.MAX_SAFE_INTEGER;if(t.common&&Math.ceil((i-
e)/(n*t.size))<=s)return Io[o]}return Io[n-1]}function Bo(t,e,i){if(i){if(i.length)
{const{lo:s,hi:n}=et(i,e);t[i[s]>=e?i[s]:i[n]]!=0}}else t[e]!=0}function Wo(t,e,i)
{const s=[],n={},o=e.length;let
a,r;for(a=0;a<o;++a)r=e[a],n[r]=a,s.push({value:r,major:!1});return 0!==(o&&i?
function(t,e,i,s){const n=t._adapter,o=+n.startOf(e[0].value,s),a=e[e.length-
1].value;let r,l;for(r=o;r<=a;r+=n.add(r,1,s))l=i[r],l>=0&&(e[l].major!=0);return
e}(t,s,n,i):s)}class No extends Js{static id="time";static defaults=
{bounds:"data",adapters:{},time:
{parser:!1,unit:!1,round:!1,isoWeekday:!1,minUnit:"millisecond",displayFormats:
{}},ticks:{source:"auto",callback:!1,major:{enabled:!1}}};constructor(t)
{super(t),this._cache={data:[],labels:[],all:
[]},this._unit="day",this._majorUnit=void 0,this._offsets=
{},this._normalized=!1,this._parseOpts=void 0}init(t,e={}){const i=t.time||t.time=
{}),s=this._adapter=new
Rn._date(t.adapters.date);s.init(e),x(i.displayFormats,s.formats()),this._parseOpts
=
{parser:i.parser,round:i.round,isoWeekday:i.isoWeekday},super.init(t),this._normali
zed=e.normalized}parse(t,e){return void 0===t?null:Fo(this,t)}beforeLayout()
{super.beforeLayout(),this._cache={data:[],labels:[],all:[]}}determineDataLimits()
{const
t=this.options,e=this._adapter,i=t.time.unit||"day";let{min:s,max:n,minDefined:o,ma
xDefined:r}=this.getUserBounds();function l(t){o||isNaN(t.min)||
(s=Math.min(s,t.min)),r||isNaN(t.max)||(n=Math.max(n,t.max))}o&&r||
(l(this._getLabelBounds()),"ticks"===t.bounds&&"labels"===t.ticks.source||l(this.ge
tMinMax(!1))),s=a(s)&&!isNaN(s)?s:+e.startOf(Date.now(),i),n=a(n)&&!isNaN(n)?

```

```

n:+e.endOf(Date.now(),i)+1,this.min=Math.min(s,n-
1),this.max=Math.max(s+1,n)}_getLabelBounds(){const t=this.getLabelTimestamps();let
e=Number.POSITIVE_INFINITY,i=Number.NEGATIVE_INFINITY;return t.length&&
(e=t[0],i=t[t.length-1]),{min:e,max:i}}buildTicks(){const
t=this.options,e=t.time,i=t.ticks,s="labels"===i.source?
this.getLabelTimestamps():this._generate();"ticks"===t.bounds&&s.length&&
(this.min=this._userMin||s[0],this.max=this._userMax||s[s.length-1]);const
n=this.min,o=nt(s,n,this.max);return this._unit=e.unit||(i.autoSkip?
Vo(e.minUnit,this.min,this.max,this._getLabelCapacity(n)):function(t,e,i,s,n)
{for(let o=Io.length-1;o>=Io.indexOf(i);o--){const
i=Io[o];if(Ro[i].common&&t._adapter.diff(n,s,i)>=e-1)return i}return Io[i?
Io.indexOf(i):0]}
(this,o.length,e.minUnit,this.min,this.max)),this._majorUnit=i.major.enabled&&"year
"!==this._unit?function(t){for(let
e=Io.indexOf(t)+1,i=Io.length;e<i;++e)if(Ro[Io[e]].common)return Io[e]}
(this._unit):void
0,this.initOffsets(s),t.reverse&&o.reverse(),Wo(this,o,this._majorUnit)}afterAutoSk
ip()
{this.options.offsetAfterAutoskip&&this.initOffsets(this.ticks.map((t=>+t.value)))}
initOffsets(t=[]){let e,i,s=0,n=0;this.options.offset&&t.length&&
(e=this.getDecimalForValue(t[0]),s=1===t.length?1-e:(this.getDecimalForValue(t[1])-
e)/2,i=this.getDecimalForValue(t[t.length-1]),n=1===t.length?i:(i-
this.getDecimalForValue(t[t.length-2]))/2);const
o=t.length<3?.5:.25;s=J(s,0,o),n=J(n,0,o),this._offsets=
{start:s,end:n,factor:1/(s+1+n)}}_generate(){const
t=this._adapter,e=this.min,i=this.max,s=this.options,n=s.time,o=n.unit||Vo(n.minUni
t,e,i,this._getLabelCapacity(e)),a=1(s.ticks.stepSize,1),r="week"===o&&n.isoWeekday
,h=N(r)||!0===r,c={};let d,u,f=e;if(h&&
(f+=t.startOf(f,"isoWeek",r)),f+=t.startOf(f,h?"day":o),t.diff(i,e,o)>1e5*a)throw
new Error(e+" and "+i+" are too far apart with stepSize of "+a+" "+o);const
g="data"===s.ticks.source&&this.getDataTimestamps();for(d=f,u=0;d<i;d+=t.add(d,a,o)
,u++)Bo(c,d,g);return
d!==i&&"ticks"!==s.bounds&&!u||Bo(c,d,g),Object.keys(c).sort(zo).map((t=>+t))}ge
tLabelForValue(t){const e=this._adapter,i=this.options.time;return i.tooltipFormat?
e.format(t,i.tooltipFormat):e.format(t,i.displayFormats.datetime)}format(t,e){const
i=this.options.time.displayFormats,s=this._unit,n=e||i[s];return
this._adapter.format(t,n)}_tickFormatFunction(t,e,i,s){const
n=this.options,o=n.ticks.callback;if(o)return d(o,[t,e,i],this);const
a=n.time.displayFormats,r=this._unit,l=this._majorUnit,h=r&&a[r],c=l&&a[l],u=i[e],f
=l&&c&&u&&u.major;return this._adapter.format(t,s||(f?c:h))}generateTickLabels(t)
{let
e,i,s;for(e=0,i=t.length;e<i;++e)s=t[e],s.label=this._tickFormatFunction(s.value,e,
t)}getDecimalForValue(t){return null===t?NaN:(t-this.min)/(this.max-
this.min)}getPixelForValue(t){const
e=this._offsets,i=this.getDecimalForValue(t);return
this.getPixelForDecimal((e.start+i)*e.factor)}getValueForPixel(t){const
e=this._offsets,i=this.getDecimalForPixel(t)/e.factor-e.end;return this.min+i*
(this.max-this.min)}_getLabelSize(t){const
e=this.options.ticks,i=this.ctx.measureText(t).width,s=$(this.isHorizontal()?
e.maxRotation:e.minRotation),n=Math.cos(s),o=Math.sin(s),a=this._resolveTickFontOpt
ions(0).size;return{w:i*n+a*o,h:i*o+a*n}}_getLabelCapacity(t){const
e=this.options.time,i=e.displayFormats,s=i[e.unit]||i.millisecond,n=this._tickForma
tFunction(t,0,Wo(this,
[t],this._majorUnit),s),o=this._getLabelSize(n),a=Math.floor(this.isHorizontal()?
this.width/o.w:this.height/o.h)-1;return a>0?a:1}getDataTimestamps(){let
t,e,i=this._cache.data||[];if(i.length)return i;const
s=this.getMatchingVisibleMetas();if(this._normalized&&s.length)return
this._cache.data=s[0].controller.getAllParsedValues(this);for(t=0,e=s.length;t<e;++

```

```

t)=i.concat(s[t].controller.getAllParsedValues(this));return
this._cache.data=this.normalize(i)}getLabelTimestamps(){const
t=this._cache.labels||[];let e,i;if(t.length)return t;const
s=this.getLabels();for(e=0,i=s.length;e<i;++e)t.push(Fo(this,s[e]));return
this._cache.labels=this._normalized?t:this.normalize(t)}normalize(t){return
lt(t.sort(zo))}}function Ho(t,e,i){let s,n,o,a,r=0,l=t.length-1;i?
(e>=t[r].pos&&e<=t[l].pos&&({lo:r,hi:l}=it(t,"pos",e)),({pos:s,time:o}=t[r]),
({pos:n,time:a}=t[l])):(e>=t[r].time&&e<=t[l].time&&({lo:r,hi:l}=it(t,"time",e)),
({time:s,pos:o}=t[r]),({time:n,pos:a}=t[l]));const h=n-s;return h?o+(a-o)*(e-
s)/h:o}var jo=Object.freeze({__proto__:null,CategoryScale:class extends Js{static
id="category";static defaults={ticks:{callback:po}};constructor(t)
{super(t),this._startValue=void 0,this._valueRange=0,this._addedLabels=[]}init(t)
{const e=this._addedLabels;if(e.length){const
t=this.getLabels();for(const{index:i,label:s}of
e)t[i]==s&&t.splice(i,1);this._addedLabels=[]}super.init(t)}parse(t,e)
{if(s(t))return null;const i=this.getLabels();return((t,e)=>null===t?
null:J(Math.round(t),0,e))(e.isFinite(e)&&i[e]==t?
e:go(i,t,l(e,t),this._addedLabels),i.length-1)}determineDataLimits()
{const{minDefined:t,maxDefined:e}=this.getUserBounds();let{min:i,max:s}=this.getMin
Max(!0);"ticks"===this.options.bounds&&(t||(i=0),e||(s=this.getLabels().length-
1)),this.min=i,this.max=s}buildTicks(){const
t=this.min,e=this.max,i=this.options.offset,s=[];let
n=this.getLabels();n=0===t&&e===n.length-1?
n:n.slice(t,e+1),this._valueRange=Math.max(n.length-(i?
0:1),1),this._startValue=this.min-(i?.5:0);for(let
i=t;i<=e;i++)s.push({value:i});return s}getLabelForValue(t){return
po.call(this,t)}configure(){super.configure(),this.isHorizontal()||
(this._reversePixels=!this._reversePixels)}getPixelForValue(t)
{return"number"!==typeof t&&(t=this.parse(t)),null===t?
NaN:this.getPixelForDecimal((t-
this._startValue)/this._valueRange)}getPixelForTick(t){const e=this.ticks;return
t<0||t>e.length-1?null:this.getPixelForValue(e[t].value)}getValueForPixel(t){return
Math.round(this._startValue+this.getDecimalForPixel(t)*this._valueRange)}getBasePix
el(){return
this.bottom}},LinearScale:xo,LogarithmicScale:ko,RadialLinearScale:Eo,TimeScale:No,
TimeSeriesScale:class extends No{static id="timeseries";static
defaults=No.defaults;constructor(t){super(t),this._table=[],this._minPos=void
0,this._tableRange=void 0}initOffsets(){const
t=this._getTimestampsForTable(),e=this._table=this.buildLookupTable(t);this._minPos
=Ho(e,this.min),this._tableRange=Ho(e,this.max)-
this._minPos,super.initOffsets(t)}buildLookupTable(t){const{min:e,max:i}=this,s=
[],n=[];let
o,a,r,l,h;for(o=0,a=t.length;o<a;++o)l=t[o],l>=e&&l<=i&&s.push(l);if(s.length<2)ret
urn[{time:e,pos:0},{time:i,pos:1}];for(o=0,a=s.length;o<a;++o)h=s[o+1],r=s[o-
1],l=s[o],Math.round((h+r)/2)===l&&n.push({time:l,pos:o/(a-1)});return
n}_generate(){const t=this.min,e=this.max;let i=super.getDataTimestamps();return
i.includes(t)&&i.length||i.splice(0,0,t),i.includes(e)&&1!==i.length||i.push(e),i.s
ort((t,e)=>t-e)}_getTimestampsForTable(){let t=this._cache.all||
[];if(t.length)return t;const
e=this.getDataTimestamps(),i=this.getLabelTimestamps();return t=e.length&&i.length?
this.normalize(e.concat(i)):e.length?
e:i,t=this._cache.all=t,t.getDecimalForValue(t){return(Ho(this._table,t)-
this._minPos)/this._tableRange}getValueForPixel(t){const
e=this._offsets,i=this.getDecimalForPixel(t)/e.factor-e.end;return
Ho(this._table,i*this._tableRange+this._minPos,!0)}});const $o=["rgb(54, 162,
235)","rgb(255, 99, 132)","rgb(255, 159, 64)","rgb(255, 205, 86)","rgb(75, 192,
192)","rgb(153, 102, 255)","rgb(201, 203,
207)"],Yo=$o.map((t=>t.replace("rgb(","rgba(").replace(")",", 0.5)"));function

```

```

Uo(t){return $o[t%$o.length]}function Xo(t){return Yo[t%Yo.length]}function qo(t)
{let e=0;return(i,s)=>{const n=t.getDatasetMeta(s).controller;n instanceof jn?
e=function(t,e){return t.backgroundColor=t.data.map(((t)=>Uo(e++))),e}(i,e):n
instanceof $n?e=function(t,e){return t.backgroundColor=t.data.map(((t)=>Xo(e++))),e}
(i,e):n&&(e=function(t,e){return t.borderColor=Uo(e),t.backgroundColor=Xo(e),++e}
(i,e))}}function Ko(t){let e;for(e in
t)if(t[e].borderColor||t[e].backgroundColor)return!0;return!1}var Go=
{id:"colors",defaults:{enabled:!0,forceOverride:!1},beforeLayout(t,e,i)
{if(!i.enabled)return;const{data:{datasets:s},options:n}=t.config,
{elements:o}=n;if(!i.forceOverride&&(Ko(s)||a=n)&&
(a.borderColor||a.backgroundColor)||o&&Ko(o)))return;var a;const
r=qo(t);s.forEach(r)};function Zo(t){if(t._decimated){const e=t._data;delete
t._decimated,delete t._data,Object.defineProperty(t,"data",
{configurable:!0,enumerable:!0,writable:!0,value:e})}}function Jo(t)
{t.data.datasets.forEach((t=>{Zo(t)}))}var Qo={id:"decimation",defaults:
{algorithm:"min-max",enabled:!1},beforeElementsUpdate:(t,e,i)=>
{if(!i.enabled)return void Jo(t);const n=t.width;t.data.datasets.forEach(((e,o)=>
{const{_data:a,indexAxis:r}=e,l=t.getDatasetMeta(o),h=a||e.data;if("y"===Pi([r,t.op
tions.indexAxis]))return;if(!l.controller.supportsDecimation)return;const
c=t.scales[l.xAxisID];if("linear"!==c.type&&"time"!==c.type)return;if(t.options.par
sing)return;let{start:d,count:u}=function(t,e){const i=e.length;let
s,n=0;const{iScale:o}=t,
{min:a,max:r,minDefined:l,maxDefined:h}=o.getUserBounds();return l&&
(n=J(it(e,o.axis,a).lo,0,i-1)),s=h?J(it(e,o.axis,r).hi+1,n,i)-n:i-n,
{start:n,count:s}}(l,h);if(u<=(i.threshold||4*n))return void Zo(e);let
f;switch(s(a)&&(e._data=h,delete e.data,Object.defineProperty(e,"data",
{configurable:!0,enumerable:!0,get:function(){return
this._decimated},set:function(t){this._data=t}})),i.algorithm)
{case"lttb":f=function(t,e,i,s,n){const o=n.samples||s;if(o>=i)return
t.slice(e,i);const a=[],r=(i-2)/(o-2);let l=0;const h=e+i-1;let
c,d,u,f,g,p=e;for(a[l++]=t[p],c=0;c<o-2;c++){let s,n=0,o=0;const
h=Math.floor((c+1)*r)+1+e,m=Math.min(Math.floor((c+2)*r)+1,i)+e,b=m-
h;for(s=h;s<m;s++)n+=t[s].x,o+=t[s].y;n/=b,o/=b;const
x=Math.floor(c*r)+1+e,_=Math.min(Math.floor((c+1)*r)+1,i)+e,
{x:y,y:v}=t[p];for(u=f-1,s=x;s<_;s++)f=.5*Math.abs((y-n)*(t[s].y-v)-(y-t[s].x)*(o-
v)),f>u&&(u=f,d=t[s],g=s);a[l++]=d,p=g}return a[l++]=t[h],a}
(h,d,u,n,i);break;case"min-max":f=function(t,e,i,n){let
o,a,r,l,h,c,d,u,f,g,p=0,m=0;const b=[],x=e+i-1,_=t[e].x,y=t[x].x-
_;for(o=e;o<e+i;++o){a=t[o],r=(a.x-)/y*n,l=a.y;const e=0|r;if(e===h)l<f?
(f=l,c=o):l>g&&(g=l,d=o),p=(m*p+a.x)/++m;else{const i=o-1;if(!s(c)&&!s(d)){const
e=Math.min(c,d),s=Math.max(c,d);e!==u&&e!==i&&b.push({...t[e],x:p}),s!==u&&s!==i&&b
.push({...t[s],x:p})}o>0&&i!==u&&b.push(t[i]),b.push(a),h=e,m=0,f=g,l,c=d=u=o}}retu
rn b}(h,d,u,n);break;default:throw new Error(`Unsupported decimation algorithm
'${i.algorithm}'`)}e._decimated=f}}),destroy(t){Jo(t)};function ta(t,e,i,s)
{if(s)return;let n=e[t],o=i[t];return"angle"===t&&(n=G(n),o=G(o)),
{property:t,start:n,end:o}}function ea(t,e,i){for(;e>t;e--){const
t=i[e];if(!isNaN(t.x)&&!isNaN(t.y))break}return e}function ia(t,e,i,s){return t&&e?
s[t[i],e[i]]:t?t[i]:e?e[i]:0}function sa(t,e){let i=[],s=!1;return n(t)?
(s=!0,i=t):i=function(t,e){const{x:i=null,y:s=null}=t||{};n=e.points,o=[];return
e.segments.forEach((({start:t,end:e})=>{e=ea(t,e,n);const a=n[t],r=n[e];null!==s?
(o.push({x:a.x,y:s}),o.push({x:r.x,y:s})):null!==i&&
(o.push({x:i,y:a.y}),o.push({x:i,y:r.y})))},o}(t,e),i.length?new
no({points:i,options:{tension:0},_loop:s,_fullLoop:s}):null}function na(t){return
t&&!1===t.fill}function oa(t,e,i){let s=t[e].fill;const n=[e];let o;if(!i)return
s;for(;!1===s&&-1===n.indexOf(s);){if(!a(s))return
s;if(o=t[s],!o)return!1;if(o.visible)return s;n.push(s),s=o.fill}return!1}function
aa(t,e,i){const s=function(t){const e=t.options,i=e.fill;let
s=l(i&&i.target,i);void 0===s&&

```

```

(s!==e.backgroundColor);if(!l===s||null===s)return!l;if(!0===s)return"origin";return
n s}(t);if(o(s))return!isNaN(s.value)&&s;let n=parseFloat(s);return
a(n)&&Math.floor(n)===n?function(t,e,i,s){"-!"==t&&"+"!=t||
(i=e+i);if(i===e||i<0||i>s)return!l;return i}(s[0],e,n,i):
["origin","start","end","stack","shape"].indexOf(s)>=0&&s}function ra(t,e,i){const
s=[];for(let n=0;n<i.length;n++){const o=i[n],
{first:a,last:r,point:l}=la(o,e,"x");if(!(!l||a&&r))if(a)s.unshift(l);else
if(t.push(l),!r)break}t.push(...s)}function la(t,e,i){const
s=t.interpolate(e,i);if(!s)return{};const n=s[i],o=t.segments,a=t.points;let
r=!l,l=!l;for(let t=0;t<o.length;t++){const e=o[t],s=a[e.start][i],h=a[e.end]
[i];if(tt(n,s,h)){r=n===s,l=n===h;break}}return{first:r,last:l,point:s}}class
ha{constructor(t){this.x=t.x,this.y=t.y,this.radius=t.radius}pathSegment(t,e,i)
{const{x:s,y:n,radius:o}=this;return e=||
{start:0,end:0},t.arc(s,n,o,e.end,e.start,!0),!i.bounds}interpolate(t)
{const{x:e,y:i,radius:s}=this,n=t.angle;return{x:e+Math.cos(n)*s,y:i+Math.sin(n)*s,
angle:n}}function ca(t){const{chart:e,fill:i,line:s}=t;if(a(i))return
function(t,e){const i=t.getDatasetMeta(e),s=i&&t.isDatasetVisible(e);return s?
i.dataset:null}(e,i);if("stack"===i)return function(t)
{const{scale:e,index:i,line:s}=t,n=[],o=s.segments,a=s.points,r=function(t,e){const
i=[],s=t.getMatchingVisibleMetas("line");for(let t=0;t<s.length;t++){const
n=s[t];if(n.index===e)break;n.hidden||i.unshift(n.dataset)}return i}
(e,i);r.push(sa({x:null,y:e.bottom},s));for(let t=0;t<o.length;t++){const
e=o[t];for(let t=e.start;t<=e.end;t++)ra(n,a[t],r)}return new no({points:n,options:
{}})}(t);if("shape"===i)return!0;const n=function(t){const e=t.scale||
{}};if(e.getPointPositionForValue)return function(t)
{const{scale:e,fill:i}=t,s=e.options,n=e.getLabels().length,a=s.reverse?
e.max:e.min,r=function(t,e,i){let s;return s="start"===t?i:"end"===t?
e.options.reverse?e.min:e.max:o(t)?t.value:e.getBaseValue(),s}(i,e,a),l=
[];if(s.grid.circular){const t=e.getPointPositionForValue(0,a);return new
ha({x:t.x,y:t.y,radius:e.getDistanceFromCenterForValue(r)})}for(let
t=0;t<n;++t)l.push(e.getPointPositionForValue(t,r));return l}(t);return function(t)
{const{scale:e={},fill:i}=t,s=function(t,e){let i=null;return"start"===t?
i=e.bottom:"end"===t?i=e.top:o(t)?i=e.getPixelForValue(t.value):e.getBasePixel&&
(i=e.getBasePixel(),i)(i,e);if(a(s)){const t=e.isHorizontal();return{x:t?
s:null,y:t?null:s}}return null}(t)}(t);return n instanceof ha?n:sa(n,s)}function
da(t,e,i){const s=ca(e),
{line:n,scale:o,axis:a}=e,r=n.options,l=r.fill,h=r.backgroundColor,
{above:c,below:d=h}=l||{};s&&n.points.length&&(Ie(t,i),function(t,e)
{const{line:i,target:s,above:n,below:o,area:a,scale:r}=e,l=i._loop?"angle":e.axis;t
.save(),"x"===l&&o!=n&&(ua(t,s,a.top),fa(t,
{line:i,target:s,color:n,scale:r,property:l}),t.restore(),t.save(),ua(t,s,a.bottom)
);fa(t,{line:i,target:s,color:o,scale:r,property:l}),t.restore()}(t,
{line:n,target:s,above:c,below:d,area:i,scale:o,axis:a}),ze(t))}function ua(t,e,i)
{const{segments:s,points:n}=e;let o=!0,a=!1;t.beginPath();for(const r of s)
{const{start:s,end:l}=r,h=n[s],c=n[ea(s,l,n)];o?(t.moveTo(h.x,h.y),o=!1):
(t.lineTo(h.x,i),t.lineTo(h.x,h.y)),a=!e.pathSegment(t,r,{move:a}),a?
t.closePath():t.lineTo(c.x,i)}t.lineTo(e.first().x,i),t.closePath(),t.clip()}functi
on fa(t,e){const{line:i,target:s,property:n,color:o,scale:a}=e,r=function(t,e,i)
{const s=t.segments,n=t.points,o=e.points,a=[];for(const t of s)
{let{start:s,end:r}=t;r=ea(s,r,n);const l=ta(i,n[s],n[r],t.loop);if(!e.segments)
{a.push({source:t,target:l,start:n[s],end:n[r]});continue}const h=Ii(e,l);for(const
e of h){const s=ta(i,o[e.start],o[e.end],e.loop),r=Ri(t,n,s);for(const t of
r)a.push({source:t,target:e,start:[i]:ia(l,s,"start",Math.max)},end:
{[i]:ia(l,s,"end",Math.min)}})}return a}
(i,s,n);for(const{source:e,target:l,start:h,end:c}of r){const{style:
{backgroundColor:r=o}}=e,d=!0!=s;t.save(),t.fillStyle=r,ga(t,a,d&&ta(n,h,c)),t.beginPath();const
u=!i.pathSegment(t,e);let f;if(d){u?t.closePath():pa(t,s,c,n);const

```

```

e=!s.pathSegment(t,l,
{move:u,reverse:!0});f=u&&e,f||pa(t,s,h,n)}t.closePath(),t.fill(f?"evenodd":"nonzer
o"),t.restore()}}function ga(t,e,i){const{top:s,bottom:n}=e.chart.chartArea,
{property:o,start:a,end:r}=i||{};"x"===o&&(t.beginPath(),t.rect(a,s,r-a,n-
s),t.clip())}function pa(t,e,i,s){const
n=e.interpolate(i,s);n&&t.lineTo(n.x,n.y)}var ma=
{id:"filler",afterDatasetsUpdate(t,e,i){const s=(t.data.datasets||[]).length,n=
[];let
o,a,r,l;for(a=0;a<s;++a)o=t.getDatasetMeta(a),r=o.dataset,l=null,r&&r.options&&r
instanceof no&&(l=
{visible:t.isDatasetVisible(a),index:a,fill:aa(r,a,s),chart:t,axis:o.controller.opt
ions.indexAxis,scale:o.vScale,line:r}),o.$filler=l,n.push(l);for(a=0;a<s;++a)l=n[a]
,l&&!l!=l.fill&&(l.fill=oa(n,a,i.propagate)),beforeDraw(t,e,i){const
s="beforeDraw"===i.drawTime,n=t.getSortedVisibleDatasetMetas(),o=t.chartArea;for(le
t e=n.length-1;e>=0;--e){const i=n[e].$filler;i&&
(i.line.updateControlPoints(o,i.axis),s&&i.fill&&da(t.ctx,i,o))}},beforeDatasetsDra
w(t,e,i){if("beforeDatasetsDraw"!==i.drawTime)return;const
s=t.getSortedVisibleDatasetMetas();for(let e=s.length-1;e>=0;--e){const
i=s[e].$filler;na(i)&&da(t.ctx,i,t.chartArea)},beforeDatasetDraw(t,e,i){const
s=e.meta.$filler;na(s)&&"beforeDatasetDraw"===i.drawTime&&da(t.ctx,s,t.chartArea)},
defaults:{propagate:!0,drawTime:"beforeDatasetDraw"}};const ba=(t,e)=>
{let{boxHeight:i=e,boxWidth:s=e}=t;return t.usePointStyle&&
(i=Math.min(i,e),s=t.pointStyleWidth||Math.min(s,e)),
{boxWidth:s,boxHeight:i,itemHeight:Math.max(e,i)}};class xa extends
Hs{constructor(t){super(),this._added=!1,this.legendHitBoxes=
[],this._hoveredItem=null,this.doughnutMode=!1,this.chart=t.chart,this.options=t.op
tions,this.ctx=t.ctx,this.legendItems=void 0,this.columnSizes=void
0,this.lineWidths=void 0,this.maxHeight=void 0,this.maxWidth=void 0,this.top=void
0,this.bottom=void 0,this.left=void 0,this.right=void 0,this.height=void
0,this.width=void 0,this._margins=void 0,this.position=void 0,this.weight=void
0,this.fullSize=void 0}update(t,e,i)
{this.maxWidth=t,this.maxHeight=e,this._margins=i,this.setDimensions(),this.buildLa
bels(),this.fit()}setDimensions(){this.isHorizontal()?
(this.width=this.maxWidth,this.left=this._margins.left,this.right=this.width):
(this.height=this.maxHeight,this.top=this._margins.top,this.bottom=this.height)}bui
ldLabels(){const t=this.options.labels||{};let e=d(t.generateLabels,
[this.chart],this)||[];t.filter&&
(e=e.filter((e=>t.filter(e,this.chart.data))),t.sort&&
(e=e.sort(((e,i)=>t.sort(e,i,this.chart.data))),this.options.reverse&&e.reverse(),
this.legendItems=e)}fit(){const{options:t,ctx:e}=this;if(!t.display)return
void(this.width=this.height=0);const
i=t.labels,s=Si(i.font),n=s.size,o=this._computeTitleHeight(),
{boxWidth:a,itemHeight:r}=ba(i,n);let l,h;e.font=s.string,this.isHorizontal()?
(l=this.maxWidth,h=this._fitRows(o,n,a,r)+10):
(h=this.maxHeight,l=this._fitCols(o,s,a,r)+10),this.width=Math.min(l,t.maxWidth||th
is.maxWidth),this.height=Math.min(h,t.maxHeight||this.maxHeight)}_fitRows(t,e,i,s)
{const{ctx:n,maxWidth:o,options:{labels:{padding:a}}}={this,r=this.legendHitBoxes=
[],l=this.lineWidths=[0],h=s+a;let
c=t;n.textAlign="left",n.textBaseline="middle";let d=-1,u=-h;return
this.legendItems.forEach(((t,f)=>{const g=i+e/2+n.measureText(t.text).width;
(0===f||l[l.length-1]+g+2*a>o)&&(c+=h,l[l.length-(f>0?0:1)]=0,u+=h,d++),r[f]=
{left:0,top:u,row:d,width:g,height:s,l[l.length-1]+=g+a})),c)}_fitCols(t,e,i,s)
{const{ctx:n,maxHeight:o,options:{labels:{padding:a}}}={this,r=this.legendHitBoxes=
[],l=this.columnSizes=[],h=o-t;let c=a,d=0,u=0,f=0,g=0;return
this.legendItems.forEach(((t,o)=>
{const{itemWidth:p,itemHeight:m}=function(t,e,i,s,n){const o=function(t,e,i,s){let
n=t.text;n&&"string"!=typeof n&&(n=n.reduce(((t,e)=>t.length>e.length?t:e));return
e+i.size/2+s.measureText(n).width}(s,t,e,i),a=function(t,e,i){let

```

```

s=t;"string"!=typeof e.text&&(s=_a(e,i));return s}
(n,s,e.lineHeight);return{itemWidth:o,itemHeight:a}}(i,e,n,t,s);o>0&&u+m+2*a>h&&
(c+=d+a,l.push({width:d,height:u}),f+=d+a,g++,d=u=0),r[o]=
{left:f,top:u,col:g,width:p,height:m},d=Math.max(d,p),u+=m+a)),c+=d,l.push({width:
d,height:u}),c}adjustHitBoxes(){if(!this.options.display)return;const
t=this._computeTitleHeight(),{legendHitBoxes:e,options:{align:i,labels:
{padding:s},rtl:n}}=this,o=Oi(n,this.left,this.width);if(this.isHorizontal()){let
n=0,a=ft(i,this.left+s,this.right-this.lineWidths[n]);for(const r of e)n!=r.row&&
(n=r.row,a=ft(i,this.left+s,this.right-
this.lineWidths[n])),r.top+=this.top+t+s,r.left=o.leftForLtr(o.x(a),r.width),a+=r.w
idth+s}else{let n=0,a=ft(i,this.top+t+s,this.bottom-
this.columnSizes[n].height);for(const r of e)r.col!=n&&
(n=r.col,a=ft(i,this.top+t+s,this.bottom-
this.columnSizes[n].height)),r.top=a,r.left+=this.left+s,r.left=o.leftForLtr(o.x(r.
left),r.width),a+=r.height+s}}isHorizontal()
{return"top"===this.options.position||"bottom"===this.options.position}draw()
{if(this.options.display){const t=this.ctx;Ie(t,this),this._draw(),ze(t)}}_draw()
{const{options:t,columnSizes:e,lineWidths:i,ctx:s}=this,
{align:n,labels:o}=t,a=ue.color,r=Oi(t.rtl,this.left,this.width),h=Si(o.font),
{padding:c}=o,d=h.size,u=d/2;let
f;this.drawTitle(),s.textAlign=r.textAlign("left"),s.textBaseline="middle",s.lineWi
dth=.5,s.font=h.string;const{boxWidth:g,boxHeight:p,itemHeight:m}=ba(o,d),b=this.is
Horizontal(),x=this._computeTitleHeight();f=b?{x:ft(n,this.left+c,this.right-
i[0]),y:this.top+c+x,line:0}:{x:this.left+c,y:ft(n,this.top+x+c,this.bottom-
e[0].height),line:0},Ai(this.ctx,t.textDirection);const
_m=m+c;this.legendItems.forEach((y,v)=>
{s.strokeStyle=y.fontColor,s.fillStyle=y.fontColor;const
M=s.measureText(y.text).width,w=r.textAlign(y.textAlign||
(y.textAlign=o.textAlign)),k=g+u+M;let S=f.x,P=f.y;r.setWidth(this.width),b?
v>0&&S+k+c>this.right&&(P=f.y+=_,f.line++,S=f.x=ft(n,this.left+c,this.right-
i[f.line])):v>0&&P+_>this.bottom&&
(S=f.x=S+e[f.line].width+c,f.line++,P=f.y=ft(n,this.top+x+c,this.bottom-
e[f.line].height));if(function(t,e,i)
{if(isNaN(g)||g<=0||isNaN(p)||p<0)return;s.save();const
n=l(i.lineWidth,1);if(s.fillStyle=l(i.fillStyle,a),s.lineCap=l(i.lineCap,"butt"),s.
lineDashOffset=l(i.lineDashOffset,0),s.lineJoin=l(i.lineJoin,"miter"),s.lineWidth=n
,s.strokeStyle=l(i.strokeStyle,a),s.setLineDash(l(i.lineDash,[])),o.usePointStyle)
{const a=
{radius:p*Math.SQRT2/2,pointStyle:i.pointStyle,rotation:i.rotation,borderWidth:n},l
=r.xPlus(t,g/2);Ee(s,a,l,e+u,o.pointStyleWidth&&g)}else{const o=e+Math.max((d-
p)/2,0),a=r.leftForLtr(t,g),l=wi(i.borderRadius);s.beginPath(),Object.values(l).som
e((t=>0!==(t)))?He(s,
{x:a,y:o,w:g,h:p,radius:l}):s.rect(a,o,g,p),s.fill(),0!==(n&&s.stroke())s.restore()}
(r.x(S),P,y),S=gt(w,S+g+u,b?S+k:this.right,t.rtl),function(t,e,i)
{Ne(s,i.text,t,e+m/2,h,
{strikethrough:i.hidden,textAlign:r.textAlign(i.textAlign)}})
(r.x(S),P,y),b)f.x+=k+c}else if("string"!=typeof y.text){const
t=h.lineHeight;f.y+=_a(y,t)+c}else
f.y+=_}}),Ti(this.ctx,t.textDirection)}drawTitle(){const
t=this.options,e=t.title,i=Si(e.font),s=ki(e.padding);if(!e.display)return;const
n=Oi(t.rtl,this.left,this.width),o=this.ctx,a=e.position,r=i.size/2,l=s.top+r;let
h,c=this.left,d=this.width;if(this.isHorizontal())d=Math.max(...this.lineWidths),h=
this.top+l,c=ft(t.align,c,this.right-d);else{const
e=this.columnSizes.reduce((t,e)=>Math.max(t,e.height)),0);h=l+ft(t.align,this.top,
this.bottom-e-t.labels.padding-this._computeTitleHeight())const
u=ft(a,c,c+d);o.textAlign=n.textAlign(ut(a)),o.textBaseline="middle",o.strokeStyle=
e.color,o.fillStyle=e.color,o.font=i.string,Ne(o,e.text,u,h,i)}_computeTitleHeight()
){const t=this.options.title,e=Si(t.font),i=ki(t.padding);return t.display?

```

```

e.lineHeight+i.height:0}_getLegendItemAt(t,e){let
i,s,n;if(tt(t,this.left,this.right)&&tt(e,this.top,this.bottom))for(n=this.legendHi
tBoxes,i=0;i<n.length;++i)if(s=n[i],tt(t,s.left,s.left+s.width)&&tt(e,s.top,s.top+s
.height))return this.legendItems[i];return null}handleEvent(t){const
e=this.options;if(!function(t,e){if(("mousemove"===t||"mouseout"===t)&&
(e.onHover||e.onLeave))return!0;if(e.onClick&&
("click"===t||"mouseup"===t))return!0;return!1}(t.type,e))return;const
i=this._getLegendItemAt(t.x,t.y);if("mousemove"===t.type||"mouseout"===t.type)
{const o=this._hoveredItem,a=(n=i,null!==(
s=o)&&null!==(n&&s.datasetIndex===n.datasetIndex&&s.index===n.index);o&&!a&&d(e.onL
eave,[t,o,this],this),this._hoveredItem=i,i&&!a&&d(e.onHover,[t,i,this],this)}else
i&&d(e.onClick,[t,i,this],this);var s,n}}function _a(t,e){return e*(t.text?
t.text.length:0)}var ya={id:"legend",_element:xa,start(t,e,i){const s=t.legend=new
xa({ctx:t.ctx,options:i,chart:t});as.configure(t,s,i),as.addBox(t,s)},stop(t)
{as.removeBox(t,t.legend),delete t.legend},beforeUpdate(t,e,i){const
s=t.legend;as.configure(t,s,i),s.options=i},afterUpdate(t){const
e=t.legend;e.buildLabels(),e.adjustHitBoxes()},afterEvent(t,e)
{e.replay||t.legend.handleEvent(e.event)},defaults:
{display:!0,position:"top",align:"center",fullSize:!0,reverse:!1,weight:1e3,onClick
(t,e,i){const s=e.datasetIndex,n=i.chart;n.isDatasetVisible(s)?
(n.hide(s),e.hidden=!0):(n.show(s),e.hidden=!1)},onHover:null,onLeave:null,labels:
{color:t=>t.chart.options.color,boxWidth:40,padding:10,generateLabels(t){const
e=t.data.datasets,{labels:
{usePointStyle:i,pointStyle:s,textAlign:n,color:o,useBorderRadius:a,borderRadius:r}
}=t.legend.options;return t._getSortedDatasetMetas().map((t=>{const
l=t.controller.getStyle(i?0:void
0),h=ki(l.borderWidth);return{text:e[t.index].label,fillStyle:l.backgroundColor,fon
tColor:o,hidden:!t.visible,lineCap:l.borderCapStyle,lineDash:l.borderDash,lineDashO
ffset:l.borderDashOffset,lineJoin:l.borderJoinStyle,lineWidth:
(h.width+h.height)/4,strokeStyle:l.borderColor,pointStyle:s||l.pointStyle,rotation:
l.rotation,textAlign:n||l.textAlign,borderRadius:a&&
(r||l.borderRadius),datasetIndex:t.index}}),this)}},title:
{color:t=>t.chart.options.color,display:!1,position:"center",text:""}},descriptors:
{_scriptable:t=>!t.startsWith("on"),labels:{_scriptable:t=>!
["generateLabels","filter","sort"].includes(t)}}};class va extends
Hs{constructor(t)
{super(),this.chart=t.chart,this.options=t.options,this.ctx=t.ctx,this._padding=voi
d 0,this.top=void 0,this.bottom=void 0,this.left=void 0,this.right=void
0,this.width=void 0,this.height=void 0,this.position=void 0,this.weight=void
0,this.fullSize=void 0}update(t,e){const
i=this.options;if(this.left=0,this.top=0,!i.display)return
void(this.width=this.height=this.right=this.bottom=0);this.width=this.right=t,this.
height=this.bottom=e;const s=n(i.text)?
i.text.length:1;this._padding=ki(i.padding);const
o=s*Si(i.font).lineHeight+this._padding.height;this.isHorizontal()?
this.height=o:this.width=o}isHorizontal(){const
t=this.options.position;return"top"===t||"bottom"===t}_drawArgs(t)
{const{top:e,left:i,bottom:s,right:n,options:o}=this,a=o.align;let r,l,h,c=0;return
this.isHorizontal()?(l=ft(a,i,n),h=e+t,r=n-i):("left"===o.position?
(l=i+t,h=ft(a,s,e),c=-.5*C):(l=n-t,h=ft(a,e,s),c=.5*C),r=s-e),
{titleX:l,titleY:h,maxWidth:r,rotation:c}}draw(){const
t=this.ctx,e=this.options;if(!e.display)return;const
i=Si(e.font),s=i.lineHeight/2+this._padding.top,
{titleX:n,titleY:o,maxWidth:a,rotation:r}=this._drawArgs(s);Ne(t,e.text,0,0,i,
{color:e.color,maxWidth:a,rotation:r,textAlign:ut(e.align),textBaseline:"middle",tr
anslation:[n,o]}})var Ma={id:"title",_element:va,start(t,e,i){!function(t,e){const
i=new
va({ctx:t.ctx,options:e,chart:t});as.configure(t,i,e),as.addBox(t,i),t.titleBlock=i

```

```

}(t,i)},stop(t){const e=t.titleBlock;as.removeBox(t,e),delete
t.titleBlock},beforeUpdate(t,e,i){const
s=t.titleBlock;as.configure(t,s,i),s.options=i},defaults:
{align:"center",display:!1,font:
{weight:"bold"},fullSize:!0,padding:10,position:"top",text:"",weight:2e3},defaultRo
utes:{color:"color"},descriptors:{_scriptable:!0,_indexable:!1}};const wa=new
WeakMap;var ka={id:"subtitle",start(t,e,i){const s=new
va({ctx:t.ctx,options:i,chart:t});as.configure(t,s,i),as.addBox(t,s),wa.set(t,s)},s
top(t){as.removeBox(t,wa.get(t)),wa.delete(t)},beforeUpdate(t,e,i){const
s=wa.get(t);as.configure(t,s,i),s.options=i},defaults:
{align:"center",display:!1,font:
{weight:"normal"},fullSize:!0,padding:0,position:"top",text:"",weight:1500},default
Routes:{color:"color"},descriptors:{_scriptable:!0,_indexable:!1}};const Sa=
{average(t){if(!t.length)return!1;let e,i,s=0,n=0,o=0;for(e=0,i=t.length;e<i;++e)
{const i=t[e].element;if(i&&i.hasValue())const
t=i.tooltipPosition();s+=t.x,n+=t.y,++o}}return{x:s/o,y:n/o}},nearest(t,e)
{if(!t.length)return!1;let
i,s,n,o=e.x,a=e.y,r=Number.POSITIVE_INFINITY;for(i=0,s=t.length;i<s;++i){const
s=t[i].element;if(s&&s.hasValue()){const t=q(e,s.getCenterPoint());t<r&&
(r=t,n=s)}}if(n){const t=n.tooltipPosition();o=t.x,a=t.y}return{x:o,y:a}};function
Pa(t,e){return e&&(n(e)?Array.prototype.push.apply(t,e):t.push(e)),t}function Da(t)
{return("string"===typeof t||t instanceof String)&&t.indexOf("\n")>-1?
t.split("\n"):t}function Ca(t,e)
{const{element:i,datasetIndex:s,index:n}=e,o=t.getDatasetMeta(s).controller,
{label:a,value:r}=o.getLabelAndValue(n);return{chart:t,label:a,parsed:o.getParsed(n
),raw:t.data.datasets[s].data[n],formattedValue:r,dataset:o.getDataset(),dataIndex:
n,datasetIndex:s,element:i}}function Oa(t,e){const i=t.chart.ctx,
{body:s,footer:n,title:o}=t,
{boxWidth:a,boxHeight:r}=e,l=Si(e.bodyFont),h=Si(e.titleFont),c=Si(e.footerFont),d=
o.length,f=n.length,g=s.length,p=ki(e.padding);let
m=p.height,b=0,x=s.reduce((t,e)=>t+e.before.length+e.lines.length+e.after.length),
0);if(x+=t.beforeBody.length+t.afterBody.length,d&&(m+=d*h.lineHeight+(d-
1)*e.titleSpacing+e.titleMarginBottom),x){m+=g*(e.displayColors?
Math.max(r,l.lineHeight):l.lineHeight)+(x-g)*l.lineHeight+(x-1)*e.bodySpacing}f&&
(m+=e.footerMarginTop+f*c.lineHeight+(f-1)*e.footerSpacing);let _=0;const
y=function(t){b=Math.max(b,i.measureText(t).width+_)};return
i.save(),i.font=h.string,u(t.title,y),i.font=l.string,u(t.beforeBody.concat(t.after
Body),y),_=e.displayColors?a+2+e.boxPadding:0,u(s,(t=>
{u(t.before,y),u(t.lines,y),u(t.after,y)})),_=0,i.font=c.string,u(t.footer,y),i.res
tore(),b+=p.width,{width:b,height:m}}function Aa(t,e,i,s){const{x:n,width:o}=i,
{width:a,chartArea:{left:r,right:l}}=t;let h="center";return"center"===s?h:n<=
(r+l)/2?"left":"right":n<=o/2?h="left":n>a-o/2&&(h="right"),function(t,e,i,s)
{const{x:n,width:o}=s,a=i.caretSize+i.caretPadding;return"left"===t&&n+o+a>e.width|
|"right"===t&&n-o-a<0||void 0}(h,t,e,i)&&(h="center"),h}function Ta(t,e,i){const
s=i.yAlign||e.yAlign||function(t,e){const{y:i,height:s}=e;return
i<s/2?"top":i>t.height-s/2?"bottom":"center"}
(t,i);return{xAlign:i.xAlign||e.xAlign||Aa(t,e,i,s),yAlign:s}}function La(t,e,i,s)
{const{caretSize:n,caretPadding:o,cornerRadius:a}=t,{xAlign:r,yAlign:l}=i,h=n+o,
{topLeft:c,topRight:d,bottomLeft:u,bottomRight:f}=wi(a);let g=function(t,e)
{let{x:i,width:s}=t;return"right"===e?i-s:"center"===e&&(i=s/2),i}(e,r);const
p=function(t,e,i){let{y:s,height:n}=t;return"top"===e?s+i:s-"bottom"===e?
n+i:n/2,s}(e,l,h);return"center"===l?"left"===r?g+=h:"right"===r&&(g-
=h):"left"===r?g-=Math.max(c,u)+n:"right"===r&&(g+=Math.max(d,f)+n),
{x:J(g,0,s.width-e.width),y:J(p,0,s.height-e.height)}}function Ea(t,e,i){const
s=ki(i.padding);return"center"===e?t.x+t.width/2:"right"===e?t.x+t.width-
s.right:t.x+s.left}function Ra(t){return Pa([],Da(t))}function Ia(t,e){const
i=e&&e.dataset&&e.dataset.tooltip&&e.dataset.tooltip.callbacks;return i?
t.override(i):t}const za={beforeTitle:e,title(t){if(t.length>0){const

```

```

e=t[0],i=e.chart.data.labels,s=i?
i.length:0;if(this&&this.options&&"dataset"===this.options.mode)return
e.dataset.label||"";if(e.label)return e.label;if(s>0&&e.dataIndex<s)return
i[e.dataIndex]}return""},afterTitle:e,beforeBody:e,beforeLabel:e,label(t)
{if(this&&this.options&&"dataset"===this.options.mode)return t.label+":
"+t.formattedValue||t.formattedValue;let e=t.dataset.label||"";e&&(e+=": ");const
i=t.formattedValue;return s(i)||(+i),e,labelColor(t){const
e=t.chart.getDatasetMeta(t.datasetIndex).controller.getStyle(t.dataIndex);return{bo
rderColor:e.borderColor,backgroundColor:e.backgroundColor,borderWidth:e.borderWidth
,borderDash:e.borderDash,borderDashOffset:e.borderDashOffset,borderRadius:0}},label
TextColor(){return this.options.bodyColor},labelPointStyle(t){const
e=t.chart.getDatasetMeta(t.datasetIndex).controller.getStyle(t.dataIndex);return{po
intStyle:e.pointStyle,rotation:e.rotation}},afterLabel:e,afterBody:e,beforeFooter:e
,footer:e,afterFooter:e};function Fa(t,e,i,s){const n=t[e].call(i,s);return void
0===n?za[e].call(i,s):n}class Va extends Hs{static positioners=Sa;constructor(t)
{super(),this.opacity=0,this._active=[],this._eventPosition=void 0,this._size=void
0,this._cachedAnimations=void 0,this._tooltipItems=[],this.$animations=void
0,this.$context=void
0,this.chart=t.chart,this.options=t.options,this.dataPoints=void 0,this.title=void
0,this.beforeBody=void 0,this.body=void 0,this.afterBody=void 0,this.footer=void
0,this.xAlign=void 0,this.yAlign=void 0,this.x=void 0,this.y=void
0,this.height=void 0,this.width=void 0,this.caretX=void 0,this.caretY=void
0,this.labelColors=void 0,this.labelPointStyles=void 0,this.labelTextColors=void
0}initialize(t){this.options=t,this._cachedAnimations=void 0,this.$context=void
0}_resolveAnimations(){const t=this._cachedAnimations;if(t)return t;const
e=this.chart,i=this.options.setContext(this.getContext()),s=i.enabled&&e.options.an
imation&&i.animations,n=new Os(this.chart,s);return s._cacheable&&
(this._cachedAnimations=Object.freeze(n)),n}getContext(){return this.$context||
(this.$context=(t=this.chart.getContext(),e=this,i=this._tooltipItems,Ci(t,
{tooltip:e,tooltipItems:i,type:"tooltip"}))));var t,e,i}getTitle(t,e)
{const{callbacks:i}=e,s=Fa(i,"beforeTitle",this,t),n=Fa(i,"title",this,t),o=Fa(i,"a
fterTitle",this,t);let a=[];return
a=Pa(a,Da(s)),a=Pa(a,Da(n)),a=Pa(a,Da(o)),a}getBeforeBody(t,e){return
Ra(Fa(e.callbacks,"beforeBody",this,t))}getBody(t,e){const{callbacks:i}=e,s=
[];return u(t,(t=>{const e={before:[],lines:[],after:
[]},n=Ia(i,t);Pa(e.before,Da(Fa(n,"beforeLabel",this,t))),Pa(e.lines,Fa(n,"label",t
his,t)),Pa(e.after,Da(Fa(n,"afterLabel",this,t))),s.push(e)})),s}getAfterBody(t,e)
{return Ra(Fa(e.callbacks,"afterBody",this,t))}getFooter(t,e)
{const{callbacks:i}=e,s=Fa(i,"beforeFooter",this,t),n=Fa(i,"footer",this,t),o=Fa(i,
"afterFooter",this,t);let a=[];return
a=Pa(a,Da(s)),a=Pa(a,Da(n)),a=Pa(a,Da(o)),a}_createItems(t){const
e=this._active,i=this.chart.data,s=[],n=[],o=[];let a,r,l=
[];for(a=0,r=e.length;a<r;++a)l.push(Ca(this.chart,e[a]));return t.filter&&
(l=l.filter(((e,s,n)=>t.filter(e,s,n,i))),t.itemSort&&
(l=l.sort(((e,s)=>t.itemSort(e,s,i)))),u(l,(e=>{const
i=Ia(t.callbacks,e);s.push(Fa(i,"labelColor",this,e)),n.push(Fa(i,"labelPointStyle"
,this,e)),o.push(Fa(i,"labelTextColor",this,e)})),this.labelColors=s,this.labelPoi
ntStyles=n,this.labelTextColors=o,this.dataPoints=l,l}update(t,e){const
i=this.options.setContext(this.getContext()),s=this._active;let n,o=[];if(s.length)
{const
t=Sa[i.position].call(this,s,this._eventPosition);o=this._createItems(i),this.title
=this.getTitle(o,i),this.beforeBody=this.getBeforeBody(o,i),this.body=this.getBody(
o,i),this.afterBody=this.getAfterBody(o,i),this.footer=this.getFooter(o,i);const
e=this._size=Oa(this,i),a=Object.assign({},t,e),r=Ta(this.chart,i,a),l=La(i,a,r,thi
s.chart);this.xAlign=r.xAlign,this.yAlign=r.yAlign,n=
{opacity:1,x:l.x,y:l.y,width:e.width,height:e.height,caretX:t.x,caretY:t.y}}else
0!==this.opacity&&(n={opacity:0});this._tooltipItems=o,this.$context=void
0,n&&this._resolveAnimations().update(this,n),t&&i.external&&i.external.call(this,

```

```

{chart:this.chart,tooltip:this,replay:e}}drawCaret(t,e,i,s){const
n=this.getCaretPosition(t,i,s);e.lineTo(n.x1,n.y1),e.lineTo(n.x2,n.y2),e.lineTo(n.x
3,n.y3)}getCaretPosition(t,e,i){const{xAlign:s,yAlign:n}=this,
{caretSize:o,cornerRadius:a}=i,
{topLeft:r,topRight:l,bottomLeft:h,bottomRight:c}=wi(a),{x:d,y:u}=t,
{width:f,height:g}=e;let p,m,b,x,_,y;return"center"===n?(_=u+g/2,"left"===s?
(p=d,m=p-o,x=_+o,y=_-o):(p=d+f,m=p+o,x=_-o,y=_+o),b=p):(m="left"===s?
d+Math.max(r,h)+o:"right"===s?d+f-Math.max(l,c)-o:this.caretX,"top"===n?(x=u,_=x-
o,p=m-o,b=m+o):(x=u+g,_=x+o,p=m+o,b=m-o),y=x),
{x1:p,x2:m,x3:b,y1:x,y2:_,y3:y}}drawTitle(t,e,i){const s=this.title,n=s.length;let
o,a,r;if(n){const
l=Oi(i.rtl,this.x,this.width);for(t.x=Ea(this,i.titleAlign,i),e.textAlign=l.textAli
gn(i.titleAlign),e.textBaseline="middle",o=Si(i.titleFont),a=i.titleSpacing,e.fillS
tyle=i.titleColor,e.font=o.string,r=0;r<n;++r)e.fillText(s[r],l.x(t.x),t.y+o.lineHe
ight/2),t.y+=o.lineHeight+a,r+=n&&(t.y+=i.titleMarginBottom-
a)}}_drawColorBox(t,e,i,s,n){const
a=this.labelColors[i],r=this.labelPointStyles[i],
{boxHeight:l,boxWidth:h}=n,c=Si(n.bodyFont),d=Ea(this,"left",n),u=s.x(d),f=l<c.line
Height?(c.lineHeight-1)/2:0,g=e.y+f;if(n.usePointStyle){const e=
{radius:Math.min(h,l)/2,pointStyle:r.pointStyle,rotation:r.rotation,borderWidth:1},
i=s.leftForLtr(u,h)+h/2,o=g+l/2;t.strokeStyle=n.multiKeyBackground,t.fillStyle=n.mu
ltiKeyBackground,Le(t,e,i,o),t.strokeStyle=a.borderColor,t.fillStyle=a.backgroundCo
lor,Le(t,e,i,o)}else{t.lineWidth=o(a.borderWidth)?
Math.max(...Object.values(a.borderWidth)):a.borderWidth||1,t.strokeStyle=a.borderCo
lor,t.setLineDash(a.borderDash||[]),t.lineDashOffset=a.borderDashOffset||0;const
e=s.leftForLtr(u,h),i=s.leftForLtr(s.xPlus(u,l),h-
2),r=wi(a.borderRadius);Object.values(r).some((t=>0!==(t)?
(t.beginPath(),t.fillStyle=n.multiKeyBackground,He(t,
{x:e,y:g,w:h,h:l,radius:r}),t.fill(),t.stroke(),t.fillStyle=a.backgroundColor,t.beg
inPath(),He(t,{x:i,y:g+1,w:h-2,h:l-2,radius:r}),t.fill()):
(t.fillStyle=n.multiKeyBackground,t.fillRect(e,g,h,l),t.strokeRect(e,g,h,l),t.fillS
tyle=a.backgroundColor,t.fillRect(i,g+1,h-2,l-
2))}t.fillStyle=this.labelTextColors[i]}drawBody(t,e,i){const{body:s}=this,
{bodySpacing:n,bodyAlign:o,displayColors:a,boxHeight:r,boxWidth:l,boxPadding:h}=i,c
=Si(i.bodyFont);let d=c.lineHeight,f=0;const
g=Oi(i.rtl,this.x,this.width),p=function(i)
{e.fillText(i,g.x(t.x+f),t.y+d/2),t.y+=d+n},m=g.textAlign(o);let
b,x,_,y,v,M,w;for(e.textAlign=o,e.textBaseline="middle",e.font=c.string,t.x=Ea(this
,m,i),e.fillStyle=i.bodyColor,u(this.beforeBody,p),f=a&&"right"!==(m?"center"===o?
l/2+h:l+2+h:0,y=0,M=s.length;y<M;++y)
{for(b=s[y],x=this.labelTextColors[y],e.fillStyle=x,u(b.before,p),_=b.lines,a&&_.le
ngth&&
(this._drawColorBox(e,t,y,g,i),d=Math.max(c.lineHeight,r)),v=0,w=_.length;v<w;++v)p
(_[v]),d=c.lineHeight;u(b.after,p)}f=0,d=c.lineHeight,u(this.afterBody,p),t.y-
=n}drawFooter(t,e,i){const s=this.footer,n=s.length;let o,a;if(n){const
r=Oi(i.rtl,this.x,this.width);for(t.x=Ea(this,i.footerAlign,i),t.y+=i.footerMarginT
op,e.textAlign=r.textAlign(i.footerAlign),e.textBaseline="middle",o=Si(i.footerFont
),e.fillStyle=i.footerColor,e.font=o.string,a=0;a<n;++a)e.fillText(s[a],r.x(t.x),t.
y+o.lineHeight/2),t.y+=o.lineHeight+i.footerSpacing}}drawBackground(t,e,i,s)
{const{xAlign:n,yAlign:o}=this,{x:a,y:r}=t,{width:l,height:h}=i,
{topLeft:c,topRight:d,bottomLeft:u,bottomRight:f}=wi(s.cornerRadius);e.fillStyle=s.
backgroundColor,e.strokeStyle=s.borderColor,e.lineWidth=s.borderWidth,e.beginPath()
,e.moveTo(a+c,r),"top"===o&&this.drawCaret(t,e,i,s),e.lineTo(a+l-
d,r),e.quadraticCurveTo(a+l,r,a+l,r+d),"center"===o&&"right"===n&&this.drawCaret(t,
e,i,s),e.lineTo(a+l,r+h-f),e.quadraticCurveTo(a+l,r+h,a+l-
f,r+h),"bottom"===o&&this.drawCaret(t,e,i,s),e.lineTo(a+u,r+h),e.quadraticCurveTo(a
,r+h,a,r+h-
u),"center"===o&&"left"===n&&this.drawCaret(t,e,i,s),e.lineTo(a,r+c),e.quadraticCur

```

```

veTo(a,r,a+c,r),e.closePath(),e.fill(),s.borderWidth>0&&e.stroke())_updateAnimation
Target(t){const e=this.chart,i=this.$animations,s=i&&i.x,n=i&&i.y;if(s||n){const
i=Sa[t.position].call(this,this._active,this._eventPosition);if(!i)return;const
o=this._size=Oa(this,t),a=Object.assign({},i,this._size),r=Ta(e,t,a),l=La(t,a,r,e);
s._to===l.x&&n._to===l.y||
(this.xAlign=r.xAlign,this.yAlign=r.yAlign,this.width=o.width,this.height=o.height,
this.caretX=i.x,this.caretY=i.y,this._resolveAnimations().update(this,l))}_willRen
der(){return!!this.opacity}draw(t){const
e=this.options.setContext(this.getContext());let
i=this.opacity;if(!i)return;this._updateAnimationTarget(e);const s=
{width:this.width,height:this.height},n={x:this.x,y:this.y};i=Math.abs(i)<.001?
0:i;const
o=ki(e.padding),a=this.title.length||this.beforeBody.length||this.body.length||this
.afterBody.length||this.footer.length;e.enabled&&a&&
(t.save(),t.globalAlpha=i,this.drawBackground(n,t,s,e),Ai(t,e.textDirection),n.y+=o
.top,this.drawTitle(n,t,e),this.drawBody(n,t,e),this.drawFooter(n,t,e),Ti(t,e.textD
irection),t.restore())}getActiveElements(){return this._active||
[]}setActiveElements(t,e){const
i=this._active,s=t.map((({datasetIndex:t,index:e})=>{const
i=this.chart.getDatasetMeta(t);if(!i)throw new Error("Cannot find a dataset at
index
"+t);return{datasetIndex:t,element:i.data[e],index:e}})),n=!f(i,s),o=this._position
Changed(s,e);(n||o)&&
(this._active=s,this._eventPosition=e,this._ignoreReplayEvents=!0,this.update(!0))}
handleEvent(t,e,i=!0)
{if(e&&this._ignoreReplayEvents)return!1;this._ignoreReplayEvents=!1;const
s=this.options,n=this._active||
[],o=this._getActiveElements(t,n,e,i),a=this._positionChanged(o,t),r=e||!f(o,n)||a;
return r&&(this._active=o,(s.enabled||s.external)&&(this._eventPosition=
{x:t.x,y:t.y},this.update(!0,e))),r}_getActiveElements(t,e,i,s){const
n=this.options;if("mouseout"===t.type)return[];if(!s)return e;const
o=this.chart.getElementsAtEventForMode(t,n.mode,n,i);return
n.reverse&&o.reverse(),o}_positionChanged(t,e)
{const{caretX:i,caretY:s,options:n}=this,o=Sa[n.position].call(this,t,e);return!1!=
=o&&(i!==o.x||s!==o.y)}var Ba=
{id:"tooltip",_element:Va,positioners:Sa,afterInit(t,e,i){i&&(t.tooltip=new
Va({chart:t,options:i})),beforeUpdate(t,e,i)
{t.tooltip&&t.tooltip.initialize(i)},reset(t,e,i)
{t.tooltip&&t.tooltip.initialize(i)},afterDraw(t){const
e=t.tooltip;if(e&&e._willRender()){const i=
{tooltip:e};if(!1===t.notifyPlugins("beforeTooltipDraw",
{...i,cancelable:!0}))return;e.draw(t.ctx),t.notifyPlugins("afterTooltipDraw",i)}},
afterEvent(t,e){if(t.tooltip){const
i=e.replay;t.tooltip.handleEvent(e.event,i,e.inChartArea)&&
(e.changed=!0)}},defaults:
{enabled:!0,external:null,position:"average",backgroundColor:"rgba(0,0,0,0.8)",titl
eColor:"#fff",titleFont:
{weight:"bold"},titleSpacing:2,titleMarginBottom:6,titleAlign:"left",bodyColor:"#ff
f",bodySpacing:2,bodyFont:
{},bodyAlign:"left",footerColor:"#fff",footerSpacing:2,footerMarginTop:6,footerFont
:
{weight:"bold"},footerAlign:"left",padding:6,caretPadding:2,caretSize:5,cornerRadiu
s:6,boxHeight:(t,e)=>e.bodyFont.size,boxWidth:
(t,e)=>e.bodyFont.size,multiKeyBackground:"#fff",displayColors:!0,boxPadding:0,bord
erColor:"rgba(0,0,0,0)",borderWidth:0,animation:
{duration:400,easing:"easeOutQuart"},animations:{numbers:{type:"number",properties:
["x","y","width","height","caretX","caretY"]},opacity:
{easing:"linear",duration:200}},callbacks:za},defaultRoutes:

```

```

{bodyFont:"font",footerFont:"font",titleFont:"font"},descriptors:
{_scriptable:t=>"filter"!==t&&"itemSort"!==t&&"external"!==t,_indexable:!1,callback
s:{_scriptable:!1,_indexable:!1},animation:{_fallback:!1},animations:
{_fallback:"animation"}}},additionalOptionScopes:["interaction"]});return
An.register(Yn,jo,fo,t),An.helpers=
{...Wi},An._adapters=Rn,An.Animation=Cs,An.Animations=Os,An.animator=xt,An.controllers=en.controllers.items,An.DatasetController=Ns,An.Element=Hs,An.elements=fo,An.In
teraction=Xi,An.layouts=as,An.platforms=Ss,An.Scale=Js,An.Ticks=ae,Object.assign(An
,Yn,jo,fo,t,Ss),An.Chart=An,"undefined"!==typeof window&&(window.Chart=An),An}));
//# sourceMappingURL=chart.umd.js.map

```