 [Chart.js](http://docs.google.com/docs/3.9.1/)

[Home](http://docs.google.com/docs/3.9.1/)

[API](http://docs.google.com/docs/3.9.1/api/)

[Samples](http://docs.google.com/docs/3.9.1/samples/)

Ecosystem Ecosystem

* [Awesome (opens new window)](https://github.com/chartjs/awesome)
* [Slack (opens new window)](https://chartjs-slack.herokuapp.com/)
* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

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* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

* API
  + [Exports](http://docs.google.com/docs/3.9.1/api/)
  + Enumerations
  + Classes
  + Interfaces
    - [ActiveDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveDataPoint.html)
    - [ActiveElement](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveElement.html)
    - [AnimationEvent](http://docs.google.com/docs/3.9.1/api/interfaces/AnimationEvent.html)
    - [ArcBorderRadius](http://docs.google.com/docs/3.9.1/api/interfaces/ArcBorderRadius.html)
    - [ArcElement](http://docs.google.com/docs/3.9.1/api/interfaces/ArcElement.html)
    - [ArcHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ArcHoverOptions.html)
    - [ArcOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ArcOptions.html)
    - [ArcProps](http://docs.google.com/docs/3.9.1/api/interfaces/ArcProps.html)
    - [BarControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarControllerChartOptions.html)
    - [BarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarControllerDatasetOptions.html)
    - [BarElement](http://docs.google.com/docs/3.9.1/api/interfaces/BarElement.html)
    - [BarHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarHoverOptions.html)
    - [BarOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarOptions.html)
    - [BarProps](http://docs.google.com/docs/3.9.1/api/interfaces/BarProps.html)
    - [BorderRadius](http://docs.google.com/docs/3.9.1/api/interfaces/BorderRadius.html)
    - [BubbleControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleControllerDatasetOptions.html)
    - [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html)
    - [CartesianScaleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CartesianScaleOptions.html)
    - [CartesianScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/CartesianScaleTypeRegistry.html)
    - [ChartArea](http://docs.google.com/docs/3.9.1/api/interfaces/ChartArea.html)
    - [ChartComponent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartComponent.html)
    - [ChartConfiguration](http://docs.google.com/docs/3.9.1/api/interfaces/ChartConfiguration.html)
    - [ChartConfigurationCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartConfigurationCustomTypesPerDataset.html)
    - [ChartData](http://docs.google.com/docs/3.9.1/api/interfaces/ChartData.html)
    - [ChartDataCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDataCustomTypesPerDataset.html)
    - [ChartDatasetProperties](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDatasetProperties.html)
    - [ChartDatasetPropertiesCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDatasetPropertiesCustomTypesPerDataset.html)
    - [ChartEvent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartEvent.html)
    - [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html)
    - [CommonElementOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonElementOptions.html)
    - [CommonHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonHoverOptions.html)
    - [ComplexFillTarget](http://docs.google.com/docs/3.9.1/api/interfaces/ComplexFillTarget.html)
    - [ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html)
    - [CoreChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreChartOptions.html)
    - [CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html)
    - [CoreScaleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreScaleOptions.html)
    - [DatasetControllerChartComponent](http://docs.google.com/docs/3.9.1/api/interfaces/DatasetControllerChartComponent.html)
    - [DateAdapter](http://docs.google.com/docs/3.9.1/api/interfaces/DateAdapter.html)
    - [Defaults](http://docs.google.com/docs/3.9.1/api/interfaces/Defaults.html)
    - [DoughnutAnimationOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutAnimationOptions.html)
    - [DoughnutController](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutController.html)
    - [DoughnutControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerChartOptions.html)
    - [DoughnutControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerDatasetOptions.html)
    - [DoughnutMetaExtensions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutMetaExtensions.html)
    - [Element](http://docs.google.com/docs/3.9.1/api/interfaces/Element.html)
    - [ElementOptionsByType](http://docs.google.com/docs/3.9.1/api/interfaces/ElementOptionsByType.html)
    - [ExtendedPlugin](http://docs.google.com/docs/3.9.1/api/interfaces/ExtendedPlugin.html)
    - [FillerControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerControllerDatasetOptions.html)
    - [FillerOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerOptions.html)
    - [FontSpec](http://docs.google.com/docs/3.9.1/api/interfaces/FontSpec.html)
    - [GridLineOptions](http://docs.google.com/docs/3.9.1/api/interfaces/GridLineOptions.html)
    - [InteractionItem](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionItem.html)
    - [InteractionModeMap](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionModeMap.html)
    - [InteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionOptions.html)
    - [LayoutItem](http://docs.google.com/docs/3.9.1/api/interfaces/LayoutItem.html)
    - [LegendElement](http://docs.google.com/docs/3.9.1/api/interfaces/LegendElement.html)
    - [LegendItem](http://docs.google.com/docs/3.9.1/api/interfaces/LegendItem.html)
    - [LegendOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LegendOptions.html)
    - [LineControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerChartOptions.html)
    - [LineControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerDatasetOptions.html)
    - [LineElement](http://docs.google.com/docs/3.9.1/api/interfaces/LineElement.html)
    - [LineHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineHoverOptions.html)
    - [LineOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineOptions.html)
    - [LineProps](http://docs.google.com/docs/3.9.1/api/interfaces/LineProps.html)
    - [ParsingOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html)
    - [Plugin](http://docs.google.com/docs/3.9.1/api/interfaces/Plugin.html)
    - [PluginChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PluginChartOptions.html)
    - [PluginOptionsByType](http://docs.google.com/docs/3.9.1/api/interfaces/PluginOptionsByType.html)
    - [Point](http://docs.google.com/docs/3.9.1/api/interfaces/Point.html)
    - [PointElement](http://docs.google.com/docs/3.9.1/api/interfaces/PointElement.html)
    - [PointHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointHoverOptions.html)
    - [PointOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointOptions.html)
    - [PointPrefixedHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedHoverOptions.html)
    - [PointPrefixedOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedOptions.html)
    - [PointProps](http://docs.google.com/docs/3.9.1/api/interfaces/PointProps.html)
    - [PolarAreaController](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaController.html)
    - [PolarAreaControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaControllerChartOptions.html)
    - [PolarAreaControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaControllerDatasetOptions.html)
    - [RadarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/RadarControllerDatasetOptions.html)
    - [RadialLinearScale](http://docs.google.com/docs/3.9.1/api/interfaces/RadialLinearScale.html)
    - [RadialScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/RadialScaleTypeRegistry.html)
    - [Registry](http://docs.google.com/docs/3.9.1/api/interfaces/Registry.html)
    - [ScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ScaleTypeRegistry.html)
    - [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html)
    - [ScriptableCartesianScaleContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableCartesianScaleContext.html)
    - [ScriptableChartContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableChartContext.html)
    - [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)
    - [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)
    - [ScriptableScaleContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableScaleContext.html)
    - [ScriptableScalePointLabelContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableScalePointLabelContext.html)
    - [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)
    - [Segment](http://docs.google.com/docs/3.9.1/api/interfaces/Segment.html)
    - [Tick](http://docs.google.com/docs/3.9.1/api/interfaces/Tick.html)
    - [TickOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TickOptions.html)
    - [TimeScale](http://docs.google.com/docs/3.9.1/api/interfaces/TimeScale.html)
    - [TitleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TitleOptions.html)
    - [Tooltip](http://docs.google.com/docs/3.9.1/api/interfaces/Tooltip.html)
    - [TooltipCallbacks](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipCallbacks.html)
    - [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)
    - [TooltipLabelStyle](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipLabelStyle.html)
    - [TooltipModel](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipModel.html)
    - [TooltipOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipOptions.html)
    - [TooltipPosition](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPosition.html)
    - [TooltipPositionerMap](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPositionerMap.html)
    - [TypedRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/TypedRegistry.html)
    - [VisualElement](http://docs.google.com/docs/3.9.1/api/interfaces/VisualElement.html)

[**#**](#gjdgxs) Interface: CoreChartOptions<TType>

## [**#**](#30j0zll) Type parameters

| Name | Type |
| --- | --- |
| TType | extends [ChartType](http://docs.google.com/docs/3.9.1/api/#charttype) |

## [**#**](#1fob9te) Hierarchy

* [ParsingOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html)
* [AnimationOptions](http://docs.google.com/docs/3.9.1/api/#animationoptions)<TType>  
  ↳ **CoreChartOptions**  
  ↳↳ [Defaults](http://docs.google.com/docs/3.9.1/api/interfaces/Defaults.html)

## [**#**](#3znysh7) Properties

### [**#**](#2et92p0) animation

• **animation**: false | [AnimationSpec](http://docs.google.com/docs/3.9.1/api/#animationspec)<TType> & { onComplete?: (event: [AnimationEvent](http://docs.google.com/docs/3.9.1/api/interfaces/AnimationEvent.html)) => void ; onProgress?: (event: [AnimationEvent](http://docs.google.com/docs/3.9.1/api/interfaces/AnimationEvent.html)) => void }

#### [**#**](#tyjcwt) Inherited from

AnimationOptions.animation

#### [**#**](#3dy6vkm) Defined in

[index.esm.d.ts:1640 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1640)

### [**#**](#1t3h5sf) animations

• **animations**: [AnimationsSpec](http://docs.google.com/docs/3.9.1/api/#animationsspec)<TType>

#### [**#**](#4d34og8) Inherited from

AnimationOptions.animations

#### [**#**](#2s8eyo1) Defined in

[index.esm.d.ts:1650 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1650)

### [**#**](#17dp8vu) aspectRatio

• **aspectRatio**: number

Canvas aspect ratio (i.e. width / height, a value of 1 representing a square canvas). Note that this option is ignored if the height is explicitly defined either as attribute or via the style.

**default** 2

#### [**#**](#3rdcrjn) Defined in

[index.esm.d.ts:1505 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1505)

### [**#**](#26in1rg) backgroundColor

• **backgroundColor**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<TType>>

base background color

**see** Defaults.backgroundColor

#### [**#**](#lnxbz9) Defined in

[index.esm.d.ts:1474 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1474)

### [**#**](#35nkun2) borderColor

• **borderColor**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<TType>>

base border color

**see** Defaults.borderColor

#### [**#**](#1ksv4uv) Defined in

[index.esm.d.ts:1479 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1479)

### [**#**](#44sinio) clip

• **clip**: number | false | [ChartArea](http://docs.google.com/docs/3.9.1/api/interfaces/ChartArea.html)

How to clip relative to chartArea. Positive value allows overflow, negative value clips that many pixels inside chartArea. 0 = clip at chartArea. Clipping can also be configured per side: clip: {left: 5, top: false, right: -2, bottom: 0}

#### [**#**](#2jxsxqh) Defined in

[index.esm.d.ts:1463 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1463)

### [**#**](#z337ya) color

• **color**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<TType>>

base color

**see** Defaults.color

#### [**#**](#3j2qqm3) Defined in

[index.esm.d.ts:1469 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1469)

### [**#**](#1y810tw) datasets

• **datasets**: Object

#### [**#**](#4i7ojhp) Type declaration

| Name | Type |
| --- | --- |
| bar | [BarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarControllerDatasetOptions.html) |
| bubble | [BubbleControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleControllerDatasetOptions.html) |
| doughnut | [DoughnutControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerDatasetOptions.html) |
| line | [LineControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerDatasetOptions.html) & [FillerControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerControllerDatasetOptions.html) |
| pie | [DoughnutControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerDatasetOptions.html) |
| polarArea | [PolarAreaControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaControllerDatasetOptions.html) |
| radar | [RadarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/RadarControllerDatasetOptions.html) & [FillerControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerControllerDatasetOptions.html) |
| scatter | [LineControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerDatasetOptions.html) |

#### [**#**](#2xcytpi) Defined in

[index.esm.d.ts:1450 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1450)

### [**#**](#1ci93xb) devicePixelRatio

• **devicePixelRatio**: number

Override the window's default devicePixelRatio.

**default** window.devicePixelRatio

#### [**#**](#3whwml4) Defined in

[index.esm.d.ts:1522 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1522)

### [**#**](#2bn6wsx) events

• **events**: keyof HTMLElementEventMap[]

The events option defines the browser events that the chart should listen to for tooltips and hovering.

**default** ['mousemove', 'mouseout', 'click', 'touchstart', 'touchmove']

#### [**#**](#qsh70q) Defined in

[index.esm.d.ts:1532 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1532)

### [**#**](#3as4poj) font

• **font**: Partial<[FontSpec](http://docs.google.com/docs/3.9.1/api/interfaces/FontSpec.html)>

base font

**see** Defaults.font

#### [**#**](#1pxezwc) Defined in

[index.esm.d.ts:1484 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1484)

### [**#**](#49x2ik5) hover

• **hover**: [CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html)

#### [**#**](#2p2csry) Defined in

[index.esm.d.ts:1526 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1526)

### [**#**](#147n2zr) indexAxis

• **indexAxis**: "x" | "y"

The base axis of the chart. 'x' for vertical charts and 'y' for horizontal charts.

**default** 'x'

#### [**#**](#3o7alnk) Defined in

[index.esm.d.ts:1458 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1458)

### [**#**](#23ckvvd) interaction

• **interaction**: [CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html)

#### [**#**](#ihv636) Defined in

[index.esm.d.ts:1524 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1524)

### [**#**](#32hioqz) layout

• **layout**: Partial<{ autoPadding: boolean ; padding: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number | Partial<[ChartArea](http://docs.google.com/docs/3.9.1/api/interfaces/ChartArea.html)>, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<TType>> }>

#### [**#**](#1hmsyys) Defined in

[index.esm.d.ts:1544 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1544)

### [**#**](#41mghml) locale

• **locale**: string

Locale used for number formatting (using Intl.NumberFormat).

**default** user's browser setting

#### [**#**](#2grqrue) Defined in

[index.esm.d.ts:1511 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1511)

### [**#**](#vx1227) maintainAspectRatio

• **maintainAspectRatio**: boolean

Maintain the original canvas aspect ratio (width / height) when resizing.

**default** true

#### [**#**](#3fwokq0) Defined in

[index.esm.d.ts:1494 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1494)

### [**#**](#1v1yuxt) normalized

• **normalized**: boolean

Chart.js is fastest if you provide data with indices that are unique, sorted, and consistent across datasets and provide the normalized: true option to let Chart.js know that you have done so.

#### [**#**](#4f1mdlm) Inherited from

[ParsingOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html).[normalized](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html#normalized)

#### [**#**](#2u6wntf) Defined in

[index.esm.d.ts:58 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L58)

### [**#**](#19c6y18) parsing

• **parsing**: false | { [key: string]: string; }

How to parse the dataset. The parsing can be disabled by specifying parsing: false at chart options or dataset. If parsing is disabled, data must be sorted and in the formats the associated chart type and scales use internally.

#### [**#**](#3tbugp1) Inherited from

[ParsingOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html).[parsing](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html#parsing)

#### [**#**](#28h4qwu) Defined in

[index.esm.d.ts:49 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L49)

### [**#**](#nmf14n) resizeDelay

• **resizeDelay**: number

Delay the resize update by give amount of milliseconds. This can ease the resize process by debouncing update of the elements.

**default** 0

#### [**#**](#37m2jsg) Defined in

[index.esm.d.ts:1499 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1499)

### [**#**](#1mrcu09) responsive

• **responsive**: boolean

Resizes the chart canvas when its container does (important note...).

**default** true

#### [**#**](#46r0co2) Defined in

[index.esm.d.ts:1489 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1489)

### [**#**](#2lwamvv) transitions

• **transitions**: [TransitionsSpec](http://docs.google.com/docs/3.9.1/api/#transitionsspec)<TType>

#### [**#**](#111kx3o) Inherited from

AnimationOptions.transitions

#### [**#**](#3l18frh) Defined in

[index.esm.d.ts:1651 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1651)

## [**#**](#206ipza) Methods

### [**#**](#4k668n3) onClick

▸ **onClick**(event, elements, chart): void

Called if the event is of type 'mouseup' or 'click'. Passed the event, an array of active elements, and the chart.

#### [**#**](#2zbgiuw) Parameters

| Name | Type |
| --- | --- |
| event | [ChartEvent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartEvent.html) |
| elements | [ActiveElement](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveElement.html)[] |
| chart | [Chart](http://docs.google.com/docs/3.9.1/api/classes/Chart.html)<keyof [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html), (number | [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html) | [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html))[], unknown> |

#### [**#**](#1egqt2p) Returns

void

#### [**#**](#3ygebqi) Defined in

[index.esm.d.ts:1542 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1542)

### [**#**](#2dlolyb) onHover

▸ **onHover**(event, elements, chart): void

Called when any of the events fire. Passed the event, an array of active elements (bars, points, etc), and the chart.

#### [**#**](#sqyw64) Parameters

| Name | Type |
| --- | --- |
| event | [ChartEvent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartEvent.html) |
| elements | [ActiveElement](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveElement.html)[] |
| chart | [Chart](http://docs.google.com/docs/3.9.1/api/classes/Chart.html)<keyof [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html), (number | [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html) | [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html))[], unknown> |

#### [**#**](#3cqmetx) Returns

void

#### [**#**](#1rvwp1q) Defined in

[index.esm.d.ts:1537 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1537)

### [**#**](#4bvk7pj) onResize

▸ **onResize**(chart, size): void

Called when a resize occurs. Gets passed two arguments: the chart instance and the new size.

#### [**#**](#2r0uhxc) Parameters

| Name | Type |
| --- | --- |
| chart | [Chart](http://docs.google.com/docs/3.9.1/api/classes/Chart.html)<keyof [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html), (number | [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html) | [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html))[], unknown> |
| size | Object |
| size.height | number |
| size.width | number |

#### [**#**](#1664s55) Returns

void

#### [**#**](#3q5sasy) Defined in

[index.esm.d.ts:1516 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1516)

←  [ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html)   [CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html)  →