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canna1102 fix label overlapping problem for parallel edges between two nod...

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on Jun 17, 2018

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README.md

# sigma.renderers.edgeLabels

Plugin developed by [Sébastien Heymann](#) for [Linkurious](#).

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## General

This plugin displays edge labels.

See the following [example](#) for full usage.

To use it, include all .js files under this folder.

## Settings

This plugin extends Sigma.js settings in a transparent way to render edge labels, see [settings.js](#):

- `defaultEdgeLabelColor`

- type: *string*
- default value: `#000`
- **defaultEdgeLabelActiveColor**
  - type: *string*
  - default value: `rgb(236, 81, 72)`
- **defaultEdgeLabelSize**
  - type: *number*
  - default value: `10`
- **edgeLabelSize**
  - Indicates how to choose the edge labels size.
  - type: *string*
  - default value: `fixed`
  - available values: `fixed`, `proportional`
- **edgeLabelSizePowRatio**
  - The opposite power ratio between the font size of the label and the edge size.
  - type: *number*
  - default value: `0.8`

```
// Formula:
Math.pow(size, - 1 / edgeLabelSizePowRatio) * size * defaultEdgeLabelSize
```

- **edgeLabelThreshold**
  - The minimum size an edge must have to see its label displayed.
  - type: *number*
  - default value: `1`

The plugin also forces `drawEdgeLabels` to `true`.

The default values provided by the plugin may be overridden when instantiating Sigma, e.g.:

```
var sigInst = new sigma({
  container: 'graph-container',
  settings: {
    edgeLabelSize: 'proportional'
  }
});
```

# Renderers

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This plugin provides the following edge label renderers:

- `line` (default)
- `arrow` (use default)
- `curve`
- `curvedArrow`

## Compatibility

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This plugin is compatible with `sigma.plugins.activeState`.