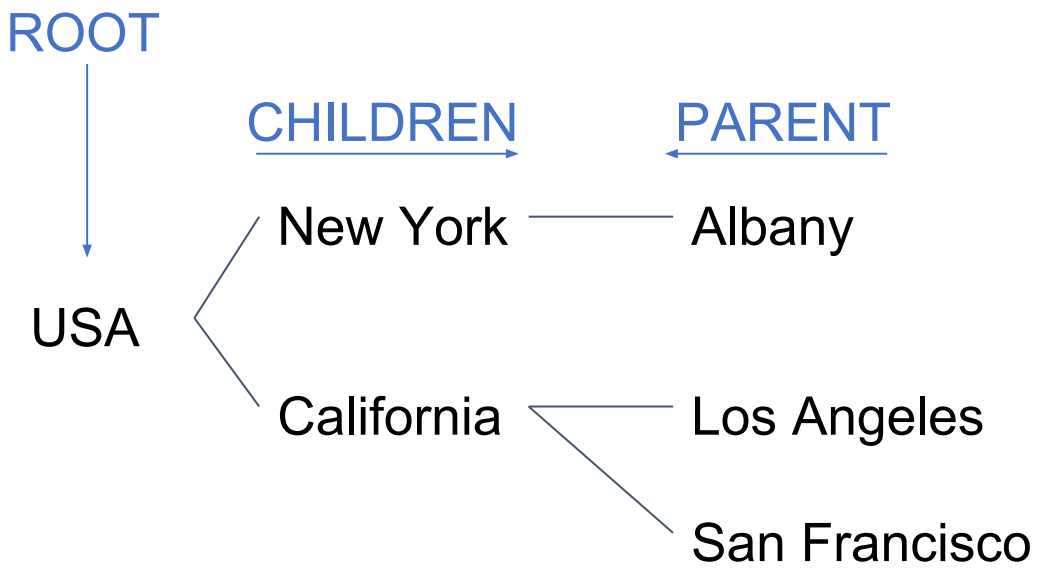
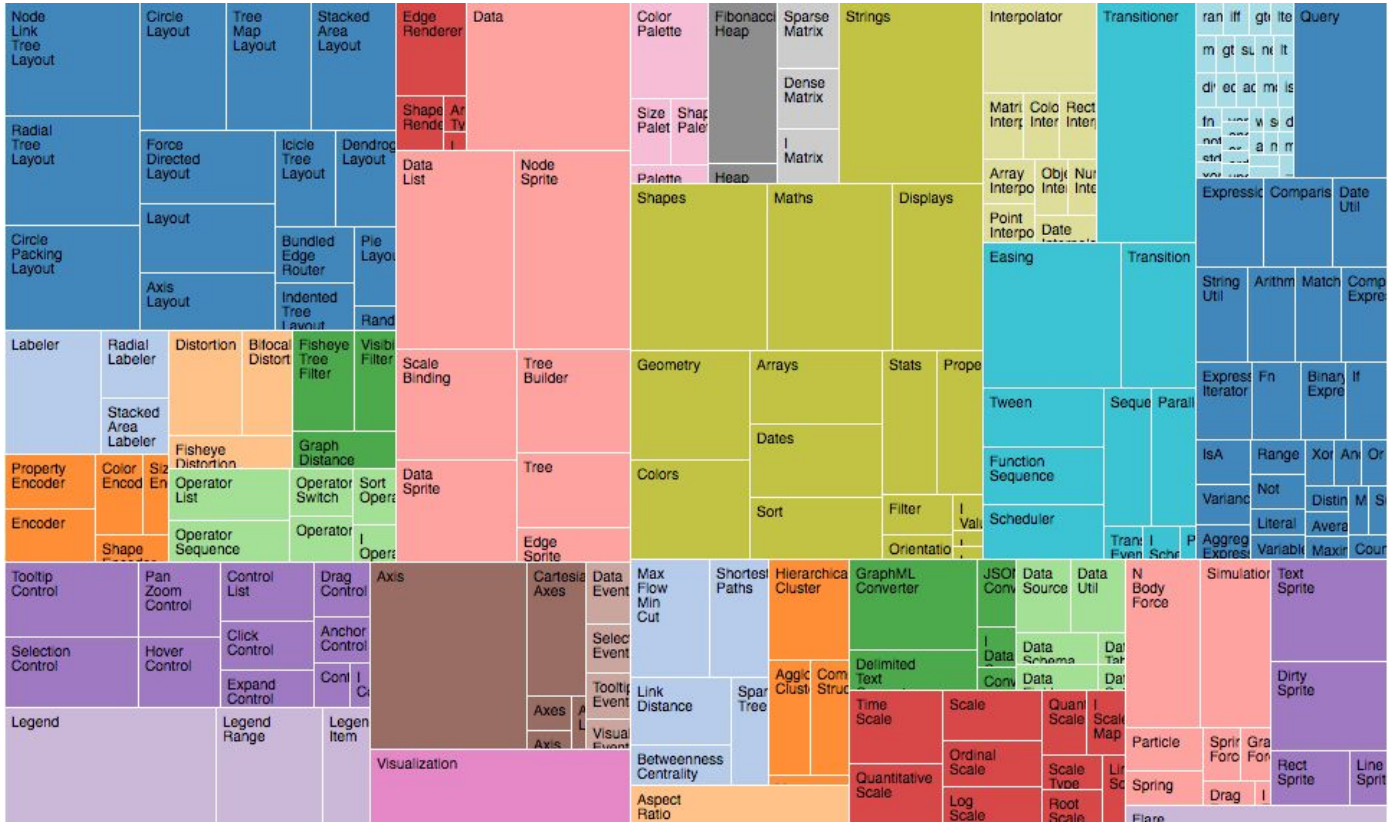
Hierarchical Data

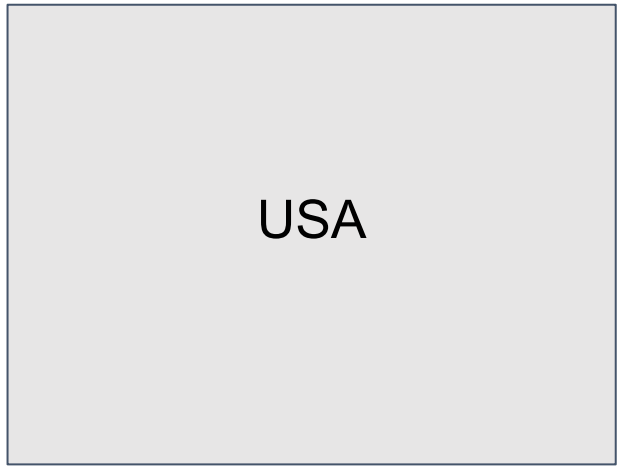
Hierarchical Data



Treemap

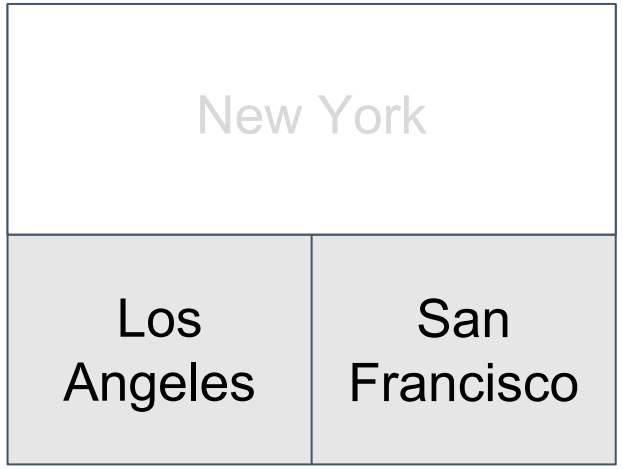

Node Link Tree Layout
Circle Layout
Tree Map Layout
Stacked Area Layout
Edge Renderer
Data
Color Palette
Fibonacci Heap
Sparse Matrix
Strings
Interpolator
Transitioner
Query
Radial Tree Layout
Force Directed Layout
Icicle Tree Layout
Dendrog Layout
Dense Matrix
Shapes
Maths
Displays
Easing
Transition
Circle Packing Layout
Layout
Axis Layout
Bundled Edge Router
Pie Layou
Indented Tree Layout
Data List
Node Sprite
Size Palet
I Matrix
Palette
Heap
Labeler
Radial Labeler
Distortion
Bifocal Distort
Fisheye Tree Filter
Stacked Area Labeler
Fisheye Distortion
Graph Distance
Scale Binding
Tree Builder
Geometry
Arrays
Stats
Tween
Property Encoder
Color Encod
Operator List
Operator Switch
Sort Opera
Data Sprite
Tree
Colors
Dates
Filter
Function Sequence
Encoder
Operator Sequence
Edge Sprite
Sort
Scheduler
Tooltip Control
Pan Zoom Control
Control List
Drag Control
Axis
Cartesia Axes
Max Flow Min Cut
Shortes Paths
Hierarchica Cluster
GraphML Converter
Data Source
Data Util
N Body Force
Simulatio
Text Sprite
Selection Control
Hover Control
Click Control
Anchor Control
Link Distance
Delimited Text
Dirty Sprite
Expand Control
Time Scale
Scale
Particle
Legend
Legend Range
Legen Item
Axes
Betweenness Centrality
Ordinal Scale
Spring
Rect Sprite
Visualization
Quantitative Scale
Log Scale
Drag
Aspect Ratio

Treemap



Treemap

Treemap



API | d3.hierarchy

Syntax:

```
d3.hierarchy(data)
```

Data Format

```
{
  "name": "USA",
  "children":[
    {
      "name": "New York",
      "children": [
        {
          "name":"Albany",
          "sales": 5000
        } ]
    },
    {
      "name": "California",
      "children": [
        {
          "name":"Los Angeles",
          "sales": 2000
        },
        {
          "name":"San Francisco",
          "sales": 7000
      ...
```

API | d3.treemap

Syntax:

```
d3.treemap()
  .size([width, height])
```

Example

```
let root = d3.hierarchy(data)
    .sum(d => d.sales)
```

Example

```
let root = d3.hierarchy(data)
    .sum(d => d.sales)

let treemap = d3.treemap()
    .size([width, body])
```

Example

```
let root = d3.hierarchy(data)
    .sum(d => d.sales)

let treemap = d3.treemap()
    .size([width, body])

treemap(root)
```

Example

```
let root = d3.hierarchy(data)
    .sum(d => d.sales)

let treemap = d3.treemap()
    .size([width, body])

treemap(root)

let cell = body.selectAll("g")
    .data(root.leaves())
...
```

Hierarchical Data

d3.hierarchy

d3.treemap