

## Vorlage:Graph:Lines/core

### Vorlage:Documentation

```
<graph mode="interactive" title="">
```

```
{
  //
  // ATTENTION: This code is maintained at https://www.mediawiki.org/wiki/Template:Graph:Lines/core
  //             Please do not modify it anywhere else, as it may get copied and pasted.
  //             Suggestions can be made at https://www.mediawiki.org/wiki/Template:Graph:Lines/core
  //
  // Template translation is in https://commons.wikimedia.org/wiki/Data:Original/Graph:Lines/core
  //
  "version": 2,
  "width": 400,
  "height": 300,
  "padding": "strict",
  "signals": [{"name": "rightwidth", "expr": "width + padding.right", "init": "400"},
  "data": [{
    "name": "chart",
    "url": "tabular:///{{{table}}}",
    "format": {"type": "json",
      "property": "data"
    },
  },
  "transform": [

    // Convert xField parameter into a field "_xfield"
    {"type": "formula", "field": "_xfield", "expr":
"datetime(datum.year, 0, 1)"
    },
    {"type": "sort", "by": ["_xfield"]}
  ], {"type": "formula", "field": "_yfield", "expr": "datum.value" }
  ]
},
"scales": [
  {
    "name": "x",
    "type": "time",
    "domain": {"data": "chart", "field": "_xfield"},
    "range": "width",
  },
  {
    "name": "y",
    "type": "linear",
```

```
"range": "height",
"domain": {"data": "chart", "field": "_yfield"},

},
{
  "name": "color",
  "type": "ordinal",
  "range": "category10",
  "domain": {"data": "chart", "field": "key"}
},
],
"axes": [
  {
    "scale": "x", "type": "x", "tickSizeEnd": 0,
    "ticks": 7,

    "properties": {
      "labels": {

    }
  }
},
{
  "scale": "y", "type": "y", "tickSizeEnd": 0,

  "properties": {
    "labels": {

  }
  }
},
],
"marks": [
  // Group data by the group parameter or "key", and draw lines, one line per group
  {
    "type": "group",
    "from": {
      "data": "chart",
      "transform": [{"type": "facet", "groupby": ["key"]}]}
  },
  "marks": [
    {
      "type": "line",
      "properties": {
        "hover": {
          "stroke": {"value": "red"}
        },
        "update": {
          "stroke": {"scale": "color", "field": "key"}
        },
        "enter": {
```



```
        "y": {"scale": "y", "field": "_yfield"},
        "x": {"scale": "x", "field": "_xfield"},
        "stroke": {"scale": "color", "field": "key"},
        "interpolate": {"value": "linear"},
        "strokeWidth": {"value": 2.5}
      }
    }
  ],
},
]
}
```

</graph>