

Marp diagram plugin example

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```
git clone https://gist.github.com/8931dd98769bcc1c5b4b92fd1234a190.git marp-diagrams
cd ./marp-diagrams
npm i
npx marp -c ./marp.config.js ./diagrams.md -p
```

```
sequenceDiagram
    participant Alice
    participant Bob
    Alice->>John: Hello John, how are you?
    loop Healthcheck
        John->>John: Fight against hypochondria
    end
    Note right of John: Rational thoughts prevail...
    John-->>Alice: Great!
    John->>Bob: How about you?
    Bob-->>John: Jolly good!
```

gantt

title A Gantt Diagram

dateFormat YYYY-MM-DD

section Section

A task :a1, 2014-01-01, 30d

Another task :after a1, 20d

section Another

Task in sec :2014-01-12, 12d

another task :24d

```
pie
```

```
title Key elements in Product X
```

```
"Calcium" : 42.96
```

```
"Potassium" : 50.05
```

```
"Magnesium" : 10.01
```

```
"Iron" : 5
```

```
@startuml
left to right direction
skinparam packageStyle rectangle
skinparam monochrome true
actor customer
actor clerk
rectangle checkout {
    customer -- (checkout)
    (checkout) .> (payment) : include
    (help) .> (checkout) : extends
    (checkout) -- clerk
}
@enduml
```

```
@startmindmap
skinparam monochrome true
+ OS
++ Ubuntu
+++ Linux Mint
+++ Kubuntu
+++ Lubuntu
+++ KDE Neon
++ LMDE
++ SolydXK
++ SteamOS
++ Raspbian
-- Windows 95
-- Windows 98
-- Windows NT
--- Windows 8
--- Windows 10
@endmindmap
```

```
blockdiag {  
    blockdiag -> generates -> "block-diagrams";  
    blockdiag -> is -> "very easy!";  
  
    blockdiag [color = "greenyellow"];  
    "block-diagrams" [color = "pink"];  
    "very easy!" [color = "orange"];  
}
```

```

{
  "schema": "https://vega.github.io/schema/vega-lite/v4.json",
  "description": "A diverging stacked bar chart for sentiments towards a set of eight questions, displayed as percentages with neutral responses straddling the 0% mark",
  "data": {
    "values": [
      {"question": "Question 1", "type": "Strongly disagree", "value": 24, "percentage": 0.7},
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  "transform": [
    {
      "calculate": "if(datum.type === 'Strongly disagree', -2, 0) + if(datum.type === 'Disagree', -1, 0) + if(datum.type === 'Neither agree nor disagree', 0, 0) + if(datum.type === 'Agree', 1, 0) + if(datum.type === 'Strongly agree', 2, 0)",
      "as": "a_order"
    },
    {
      "calculate": "if(datum.type === 'Disagree' || datum.type === 'Strongly disagree', datum.percentage, 0) + if(datum.type === 'Neither agree nor disagree', datum.percentage / 2, 0)",
      "as": "signed_percentage"
    },
    {
      "stack": "percentage", "as": ["v1", "v2"], "groupby": ["question"]
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    {
      "joinaggregate": [
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          "op": "sum",
          "as": "offset"
        }
      ],
      "groupby": ["question"]
    },
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      "calculate": "datum.v2 - datum.offset", "as": "nx2"
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          "type": "quantitative",
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            "domain": false
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          "range": ["#8c382d", "#f3a583", "#cccccc", "#94c6da", "#1770ab"],
          "type": "ordinal"
        }
      }
    }
  ]
}

```