

# MERMAID

Markdown - a simple markdown-like script language  
for generating charts from text

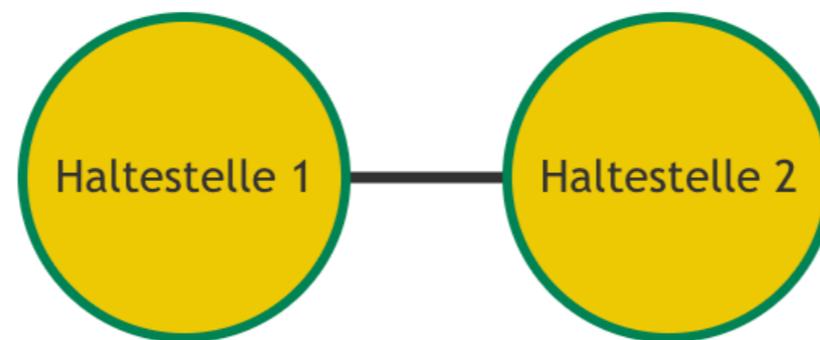
```
graph LR
```

```
Haltestelle1(Haltestelle 1) == Haltestelle2(Haltestelle 2)
```



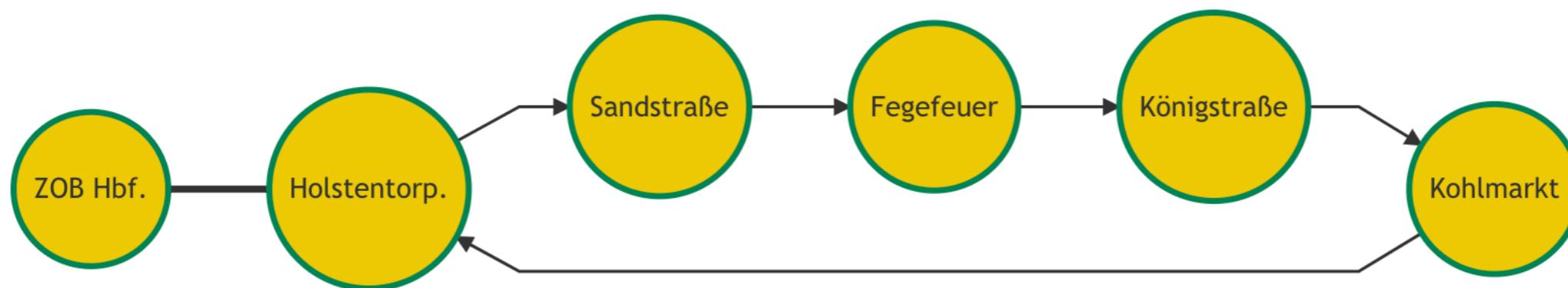
```
graph LR
  h1((Haltestelle 1)) === h2((Haltestelle 2))

classDef Haltestelle fill:#f0ca00,stroke:#008754,stroke-width:3px;
class h1 Haltestelle;
class h2 Haltestelle;
```



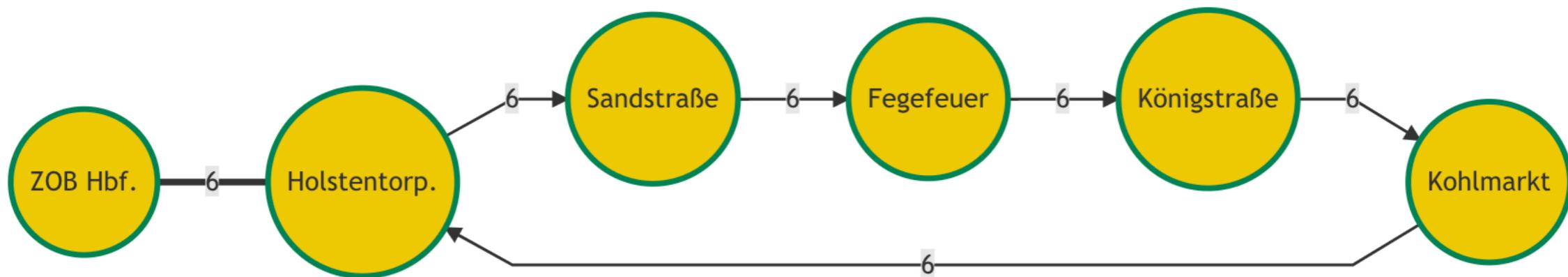
```
graph LR
  h1((ZOB Hbf.)) === h2((Holstentorp.));
  h2 --> h4((Sandstraße));
  h4 --> h5((Fegefeuer));
  h5 --> h6((Königstraße));
  h6 --> h7((Kohlmarkt));
  h7 --> h2;
```

```
classDef Haltestelle fill:#f0ca00,stroke:#008754,stroke-width:3px;
class h1,h2,h3,h4,h5,h6,h7 Haltestelle;
```



```
graph LR
  h1((ZOB Hbf.)) == 6 ==> h2((Holstentorp.));
  h2 --6--> h4((Sandstraße));
  h4 --6--> h5((Fegefeuer));
  h5 --6--> h6((Königstraße));
  h6 --6--> h7((Kohlmarkt));
  h7 --6--> h2;

classDef Haltestelle fill:#f0ca00,stroke:#008754,stroke-width:3px;
class h1,h2,h3,h4,h5,h6,h7 Haltestelle;
```

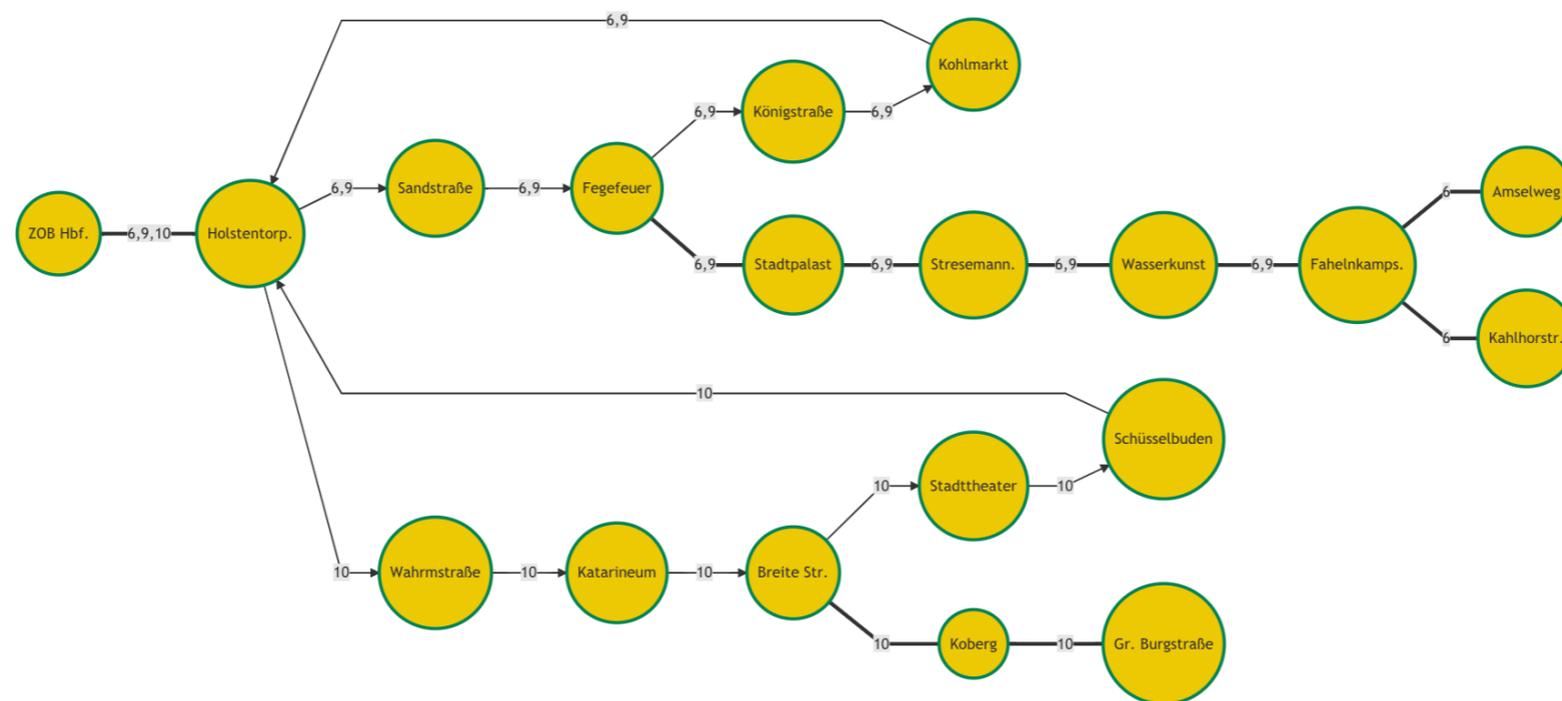


```

graph LR
  h1((ZOB Hbf.)) == 6,9,10 == h2((Holstentorp.));
  h2 --6,9--> h4((Sandstraße));
  h4 --6,9--> h5((Fegefeuer));
  h5 --6,9--> h6((Königstraße));
  h6 --6,9--> h7((Kohlmarkt));
  h7 --6,9--> h2;
  h5 ==6,9=== h8((Stadtpalast));
  h8 ==6,9=== h9((Stresemann.));
  h9 ==6,9=== h10((Wasserkunst));
  h10 ==6,9=== h11((Fahelnkamps.));
  h11 ==6=== h12((Amselweg));
  h11 ==6=== h13((Kahlhorstr.));
  h14((Schüsselbuden)) -- 10 --> h2;
  h2 -- 10 --> h15((Wahrmstraße));
  h15 -- 10 --> h16((Katarineum));
  h16 -- 10 --> h17((Breite Str.));
  h17 -- 10 --> h18((Stadttheater));
  h18 -- 10 --> h14;
  h17 == 10 === h19((Koberg));
  h19 == 10 === h20((Gr. Burgstraße))

```

...



```

graph LR
  h1((ZOB Hbf.)) == 6,9,10 == h2((Holstentorp.));
  h2 -- 6,9 --> h4((Sandstraße));
  h4 -- 6,9 --> h5((Fegefeuer));
  h5 -- 6,9 --> h6((Königstraße));
  h6 -- 6,9 --> h7((Kohlmarkt));
  h7 -- 6,9 --> h2;
  h5 == 6,9 == h8((Stadtpalast));
  h8 == 6,9 == h9((Stresemann.));
  h9 == 6,9 == h10((Wasserkunst));
  h10 == 6,9 == h11((Fahelnkamps.));
  h11 == 6 == h12((Amselweg));
  h11 == 6 == h13((Kahlhorstr.));
  h14((Schüsselbuden)) -- 10 --> h2;
  h2 -- 10 --> h15((Wahrmstraße));
  h15 -- 10 --> h16((Katarineum));
  h16 -- 10 --> h17((Breite Str.));
  h17 -- 10 --> h18((Stadttheater));
  h18 -- 10 --> h14;
  h17 == 10 == h19((Koberg));
  h19 == 10 == h20((Gr. Burgstraße))

```

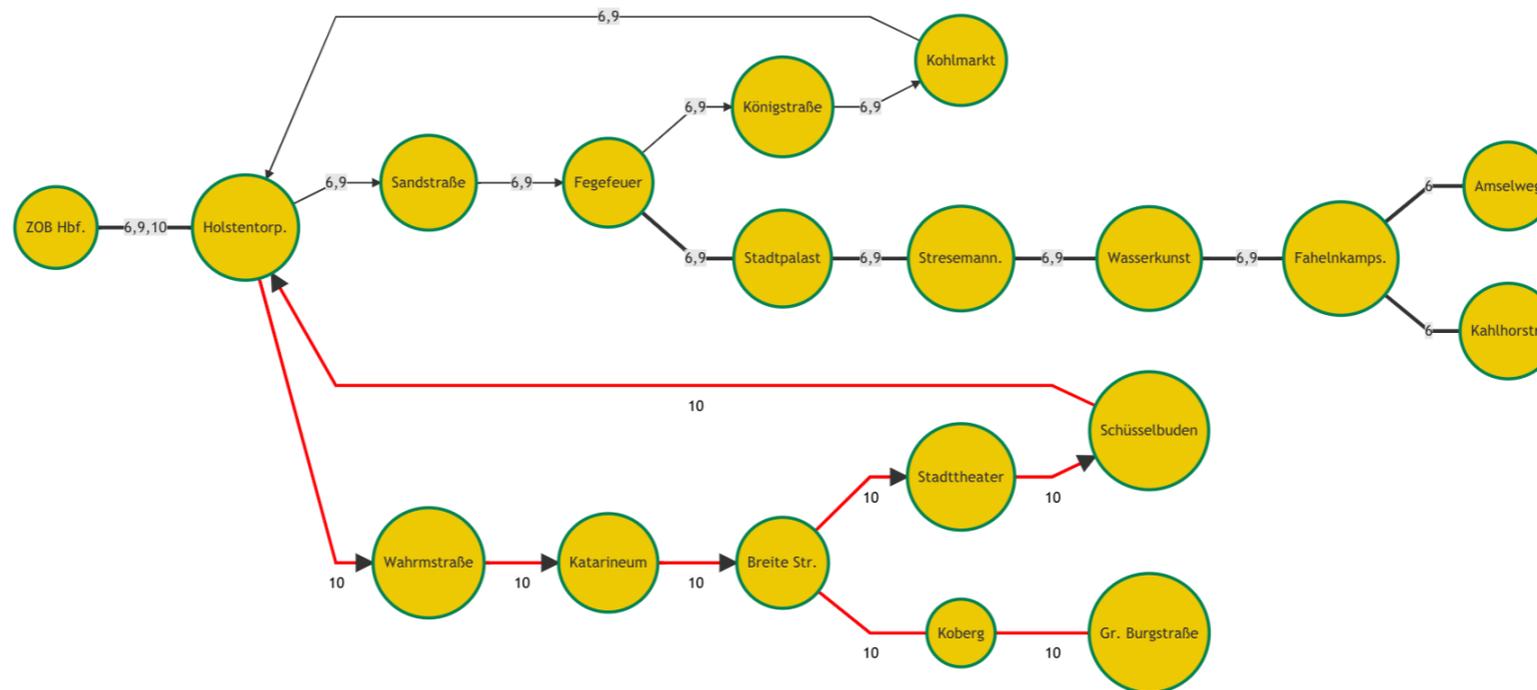
```

classDef Haltestelle
fill:#f0ca00,stroke:#008754,stroke-width:3px;

class
h1,h2,h3,h4,h5,h6,h7,h8,h9,h10,h11,h12,h13,h14,h15,
h16,h17,h18,h19,h20 Haltestelle;

linkStyle 12 stroke:#FF0000,stroke-width:3px;
linkStyle 13 stroke:#FF0000,stroke-width:3px;
linkStyle 14 stroke:#FF0000,stroke-width:3px;
linkStyle 15 stroke:#FF0000,stroke-width:3px;
linkStyle 16 stroke:#FF0000,stroke-width:3px;
linkStyle 17 stroke:#FF0000,stroke-width:3px;
linkStyle 18 stroke:#FF0000,stroke-width:3px;
linkStyle 19 stroke:#FF0000,stroke-width:3px;

```



```

graph LR
  h1((ZOB Hbf.)) == 6,9=== h2((Holstentorp.));
  h1 == 10 === h2((Holstentorp.));
  h2 --6,9--> h4((Sandstraße));
  h4 --6,9--> h5((Fegefeuer));
  h5 --6,9--> h6((Königstraße));
  h6 --6,9--> h7((Kohlmarkt));
  h7 --6,9--> h2;
  h5 ==6,9=== h8((Stadtpalast));
  h8 ==6,9=== h9((Stresemann.));
  h9 ==6,9=== h10((Wasserkunst));
  h10 ==6,9=== h11((Fahelnkamps.));
  h11 ==6=== h12((Amselweg));
  h11 ==6=== h13((Kahlhorstr.));
  h14((Schüsselbuden)) -- 10 --> h2;
  h2 -- 10 --> h15((Wahrmstraße));
  h15 -- 10 --> h16((Katarineum));
  h16 -- 10 --> h17((Breite Str.));
  h17 -- 10 --> h18((Stadttheater));
  h18 -- 10 --> h14;
  h17 == 10 === h19((Koberg));
  h19 == 10 === h20((Gr. Burgstraße))

```

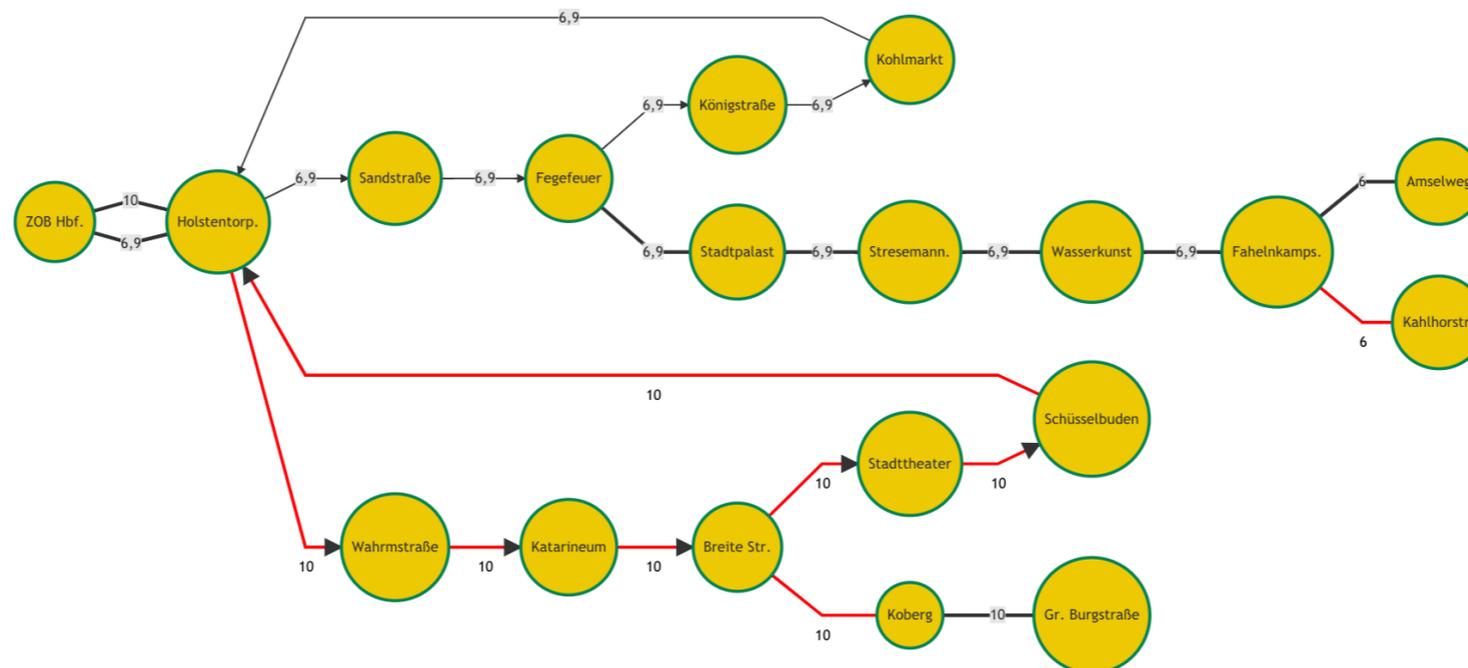
```

classDef Haltestelle
fill:#f0ca00,stroke:#008754,stroke-width:3px;

class
h1,h2,h3,h4,h5,h6,h7,h8,h9,h10,h11,h12,h13,h14,h15,
h16,h17,h18,h19,h20 Haltestelle;

linkStyle 12 stroke:#FF0000,stroke-width:3px;
linkStyle 13 stroke:#FF0000,stroke-width:3px;
linkStyle 14 stroke:#FF0000,stroke-width:3px;
linkStyle 15 stroke:#FF0000,stroke-width:3px;
linkStyle 16 stroke:#FF0000,stroke-width:3px;
linkStyle 17 stroke:#FF0000,stroke-width:3px;
linkStyle 18 stroke:#FF0000,stroke-width:3px;
linkStyle 19 stroke:#FF0000,stroke-width:3px;

```



```

graph LR
  h1((ZOB Hbf.)) == 6,9=== h2((Holstentorp.));
  h1 == 10 === h2((Holstentorp.));
  h2 --6,9--> h4((Sandstraße));
  h4 --6,9--> h5((Fegefeuer));
  h5 --6,9--> h6((Königstraße));
  h6 --6,9--> h7((Kohlmarkt))
  h7 --6,9--> h2;
  h5 ==6,9=== h8((Stadtpalast));
  h8 ==6,9=== h9((Stresemann.));
  h9 ==6,9=== h10((Wasserkunst));
  h10 ==6,9=== h11((Fahelnkamps.));
  h11 ==6=== h12((Amselweg));
  h11 ==6=== h13((Kahlhorstr.));
  h14((Schüsselbuden)) -- 10 --> h2;
  h2 -- 10 --> h15((Wahrmstraße));
  h15 -- 10 -->h16((Katarineum));
  h16 -- 10 --> h17((Breite Str.));
  h17 -- 10 --> h18((Stadttheater));
  h18 -- 10 --> h14;
  h17 == 10 === h19((Koberg))
  h19 == 10 === h20((Gr. Burgstraße))

```

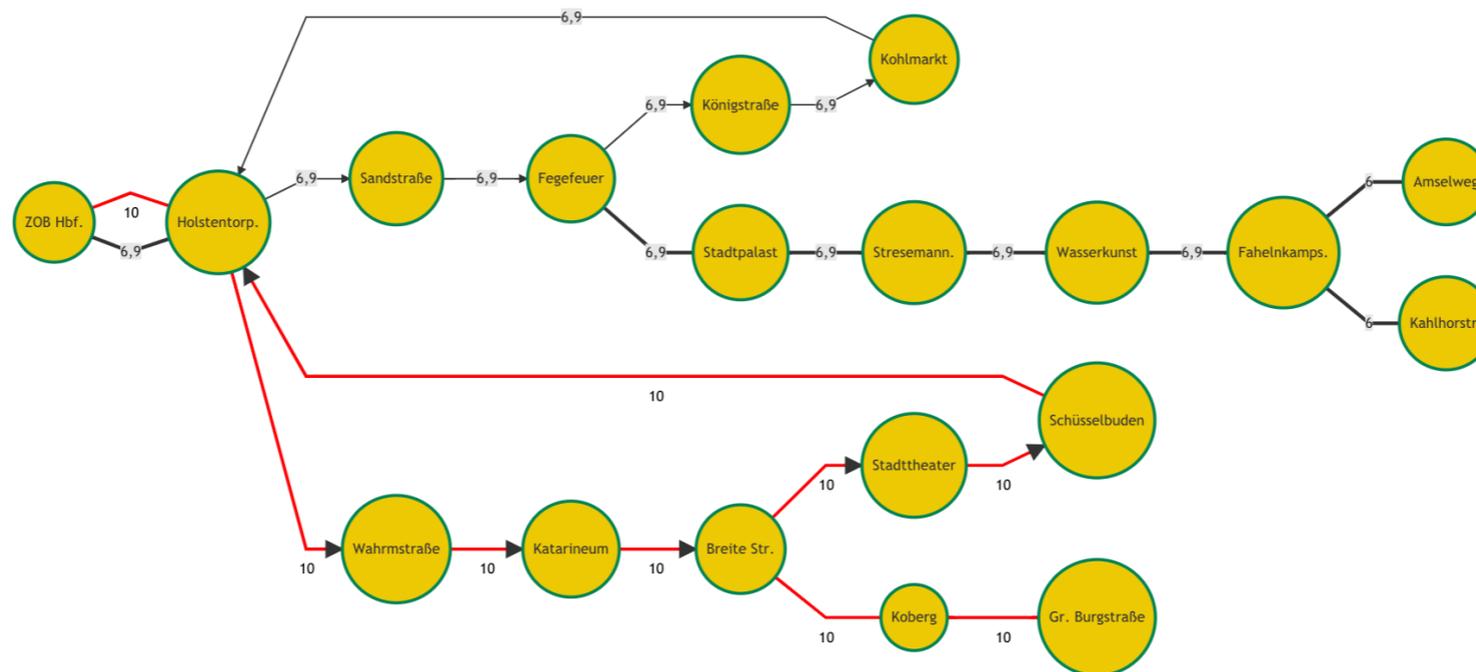
```

classDef Haltestelle
fill:#f0ca00,stroke:#008754,stroke-width:3px;

class
h1,h2,h3,h4,h5,h6,h7,h8,h9,h10,h11,h12,h13,h14,h15,
h16,h17,h18,h19,h20 Haltestelle;

linkStyle 1 stroke:#FF0000,stroke-width:3px;
linkStyle 13 stroke:#FF0000,stroke-width:3px;
linkStyle 14 stroke:#FF0000,stroke-width:3px;
linkStyle 15 stroke:#FF0000,stroke-width:3px;
linkStyle 16 stroke:#FF0000,stroke-width:3px;
linkStyle 17 stroke:#FF0000,stroke-width:3px;
linkStyle 18 stroke:#FF0000,stroke-width:3px;
linkStyle 19 stroke:#FF0000,stroke-width:3px;
linkStyle 20 stroke:#FF0000,stroke-width:3px;

```



```

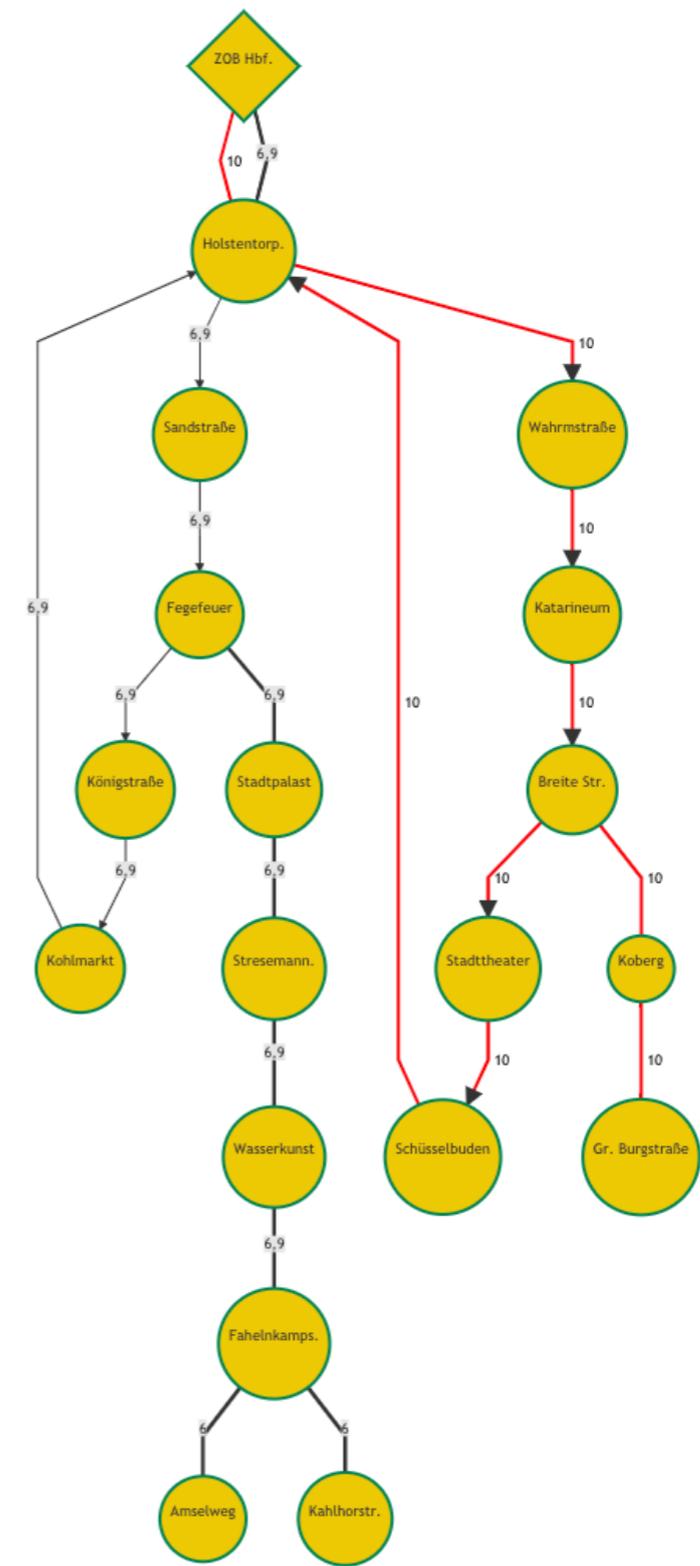
graph TD
  h1{ZOB Hbf.} == 6,9=== h2((Holstentorp.));
  h1 == 10 === h2;
  h2 --6,9--> h4((Sandstraße));
  h4 --6,9--> h5((Fegefeuer));
  h5 --6,9--> h6((Königstraße));
  h6 --6,9--> h7((Kohlmarkt));
  h7 --6,9--> h2;
  h5 ==6,9=== h8((Stadtpalast));
  h8 ==6,9=== h9((Stresemann.));
  h9 ==6,9=== h10((Wasserkunst));
  h10 ==6,9=== h11((Fahelnkamps.));
  h11 ==6=== h12((Amselweg));
  h11 ==6=== h13((Kahlhorstr.));
  h14((Schüsselbuden)) -- 10 --> h2;
  h2 -- 10 --> h15((Wahrmstraße));
  h15 -- 10 --> h16((Katarineum));
  h16 -- 10 --> h17((Breite Str.));
  h17 -- 10 --> h18((Stadttheater));
  h17 -- 10 --> h19((Koberg));
  h18 -- 10 --> h14;
  h19 == 10 === h20((Gr. Burgstraße))
  h20 == 10 === h14;

  classDef Haltestelle
  fill:#f0ca00,stroke:#008754,stroke-width:3px;

  class
  h1,h2,h3,h4,h5,h6,h7,h8,h9,h10,h11,h12,h13,h14,h15,
  h16,h17,h18,h19,h20 Haltestelle;

  linkStyle 1 stroke:#FF0000,stroke-width:3px;
  linkStyle 13 stroke:#FF0000,stroke-width:3px;
  linkStyle 14 stroke:#FF0000,stroke-width:3px;
  linkStyle 15 stroke:#FF0000,stroke-width:3px;
  linkStyle 16 stroke:#FF0000,stroke-width:3px;
  linkStyle 17 stroke:#FF0000,stroke-width:3px;
  linkStyle 18 stroke:#FF0000,stroke-width:3px;
  linkStyle 19 stroke:#FF0000,stroke-width:3px;
  linkStyle 20 stroke:#FF0000,stroke-width:3px;

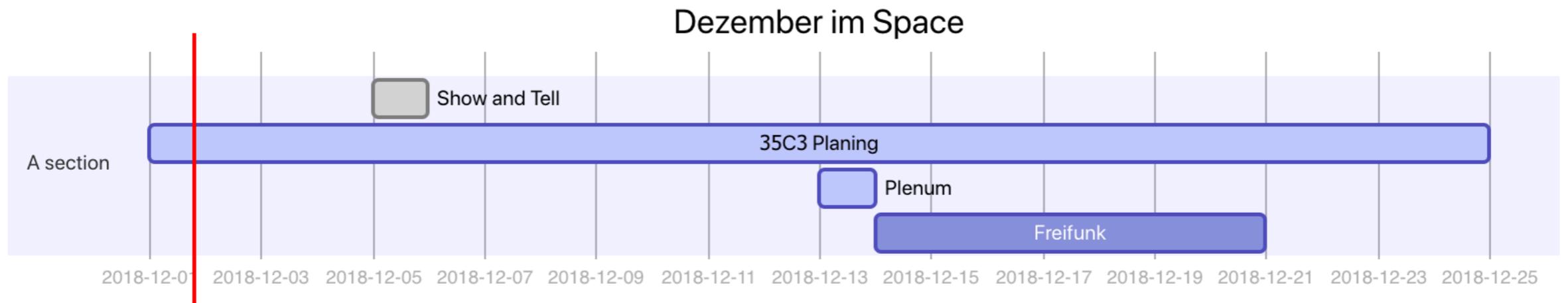
```



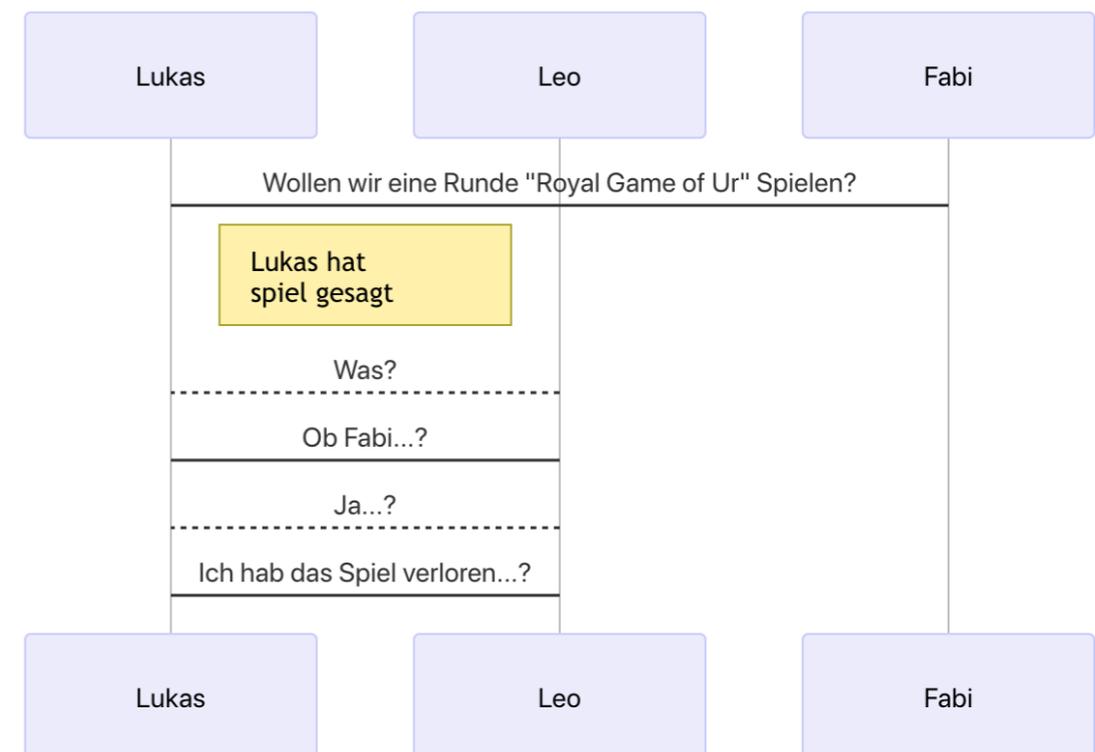
```

gantt
dateFormat YYYY-MM-DD
title Dezember im Space
section A section
Show and Tell           :done,      des1, 2018-12-05,2018-12-06
35C3 Planing            :active,   des1, 2018-12-01,2018-12-25
Plenum                  :active,   des2, 2018-12-13, 1d
Freifunk                 :           des3, after des2, 7d

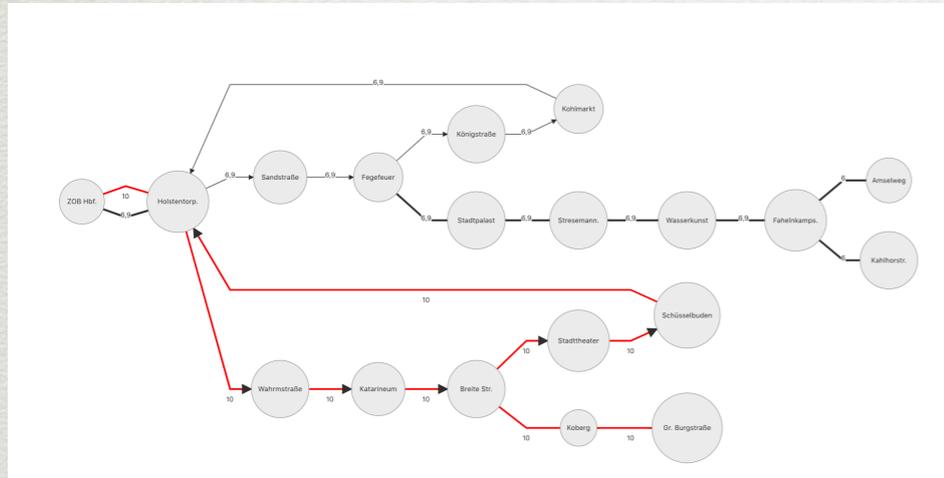
```



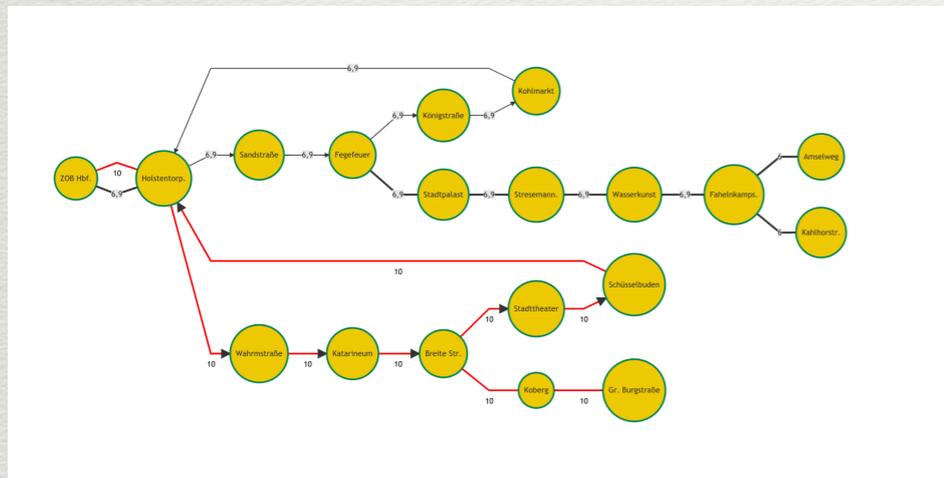
```
sequenceDiagram
    participant Lukas
    participant Leo
    participant Fabi
    Lukas->>Fabi: Wollen wir eine Runde "Royal Game of Ur" Spielen?
    Note right of Lukas: Lukas hat <br/>spiel gesagt
    Leo -->>Lukas: Was?
    Lukas ->>Leo: Ob Fabi...?
    Leo -->>Lukas: Ja...?
    Lukas ->>Leo: Ich hab das Spiel verloren...?
```



# Mermaid



GitLab



<https://mermaidjs.github.io/>

# Mermaid

- <https://mermaidjs.github.io/>
- Alle Beispiele unter <https://git.chaotikum.org/tvluke/fiveMinMermaid>