

buildSpec

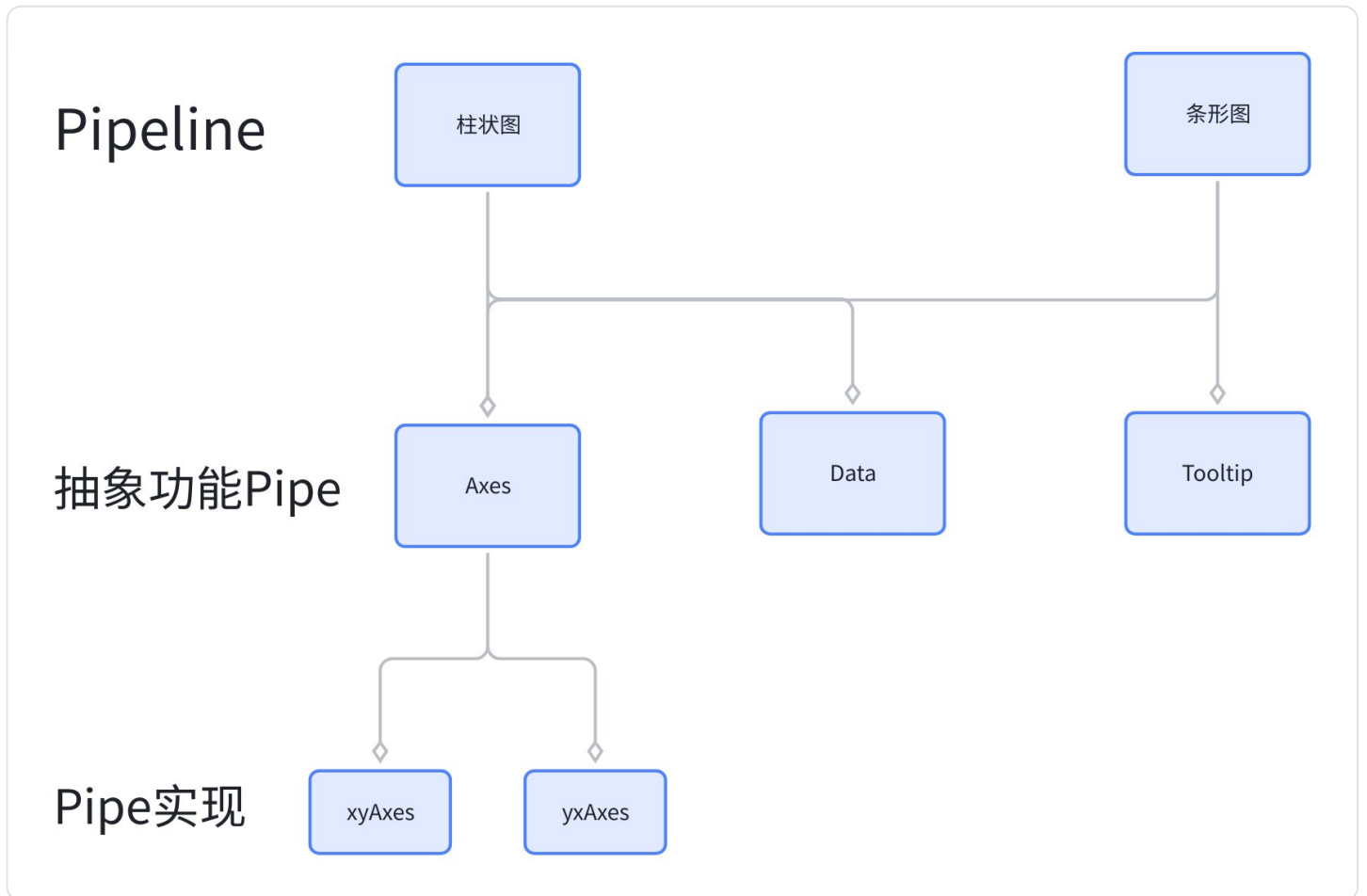


按功能设计Pipe, 而非图表类型.

确定输入信息

确定Spec目标结构

按图表类型创建Spec



代码块

```
1  const initVeticalBar = (spec, context) => {
2    const { vizSeed } = context
3    return {
4      ...spec,
5      xField: vizSeed.channels.y,
```

```
6      yField: vizSeed.channels.y,
7    }
8  }
9  const initHorizontalBar = (spec, context) => {
10    const { vizSeed } = context
11    return {
12      ...spec,
13      xField: vizSeed.channels.x,
14      yField: vizSeed.channels.y,
15    }
16  }
17
18  const pipeline = (pipes, initialSpec) => {
19    return (context) => {
20      return pipes.reduce((specResult, currentPipe) => {
21        return currentPipe({
22          ...specResult,
23          }, context)
24      }, initialSpec)
25    }
26  }
27
28  const verticalBarPipeline = pipeline(
29    [
30      initVerticalBar,
31      data,
32      axes,
33      tooltip,
34      label,
35    ],
36    {},
37  )
38
39  const horizontalBarPipeline = pipeline(
40    [
41      initHorizontalBar,
42      data,
43      axes,
44      tooltip
45    ],
46    {}
47  )
48
49  const pipelineMap = {
50    'verticalBar': verticalBarPipeline,
51    'horizontalBar': horizontalBarPipeline,
52  }
```

```

53
54 const buildSpec = () => {
55   this.vizSeed = {}
56   const { chartType } = vizSeed
57   const pipeline = pipelineMap[chartType]
58   const context = { vizSeed }
59   const resultSpec = pipeline(context)
60   return resultSpec
61 }
62
63
64 -----
65
66 const buildVizSeed = () => {
67
68 }

```

