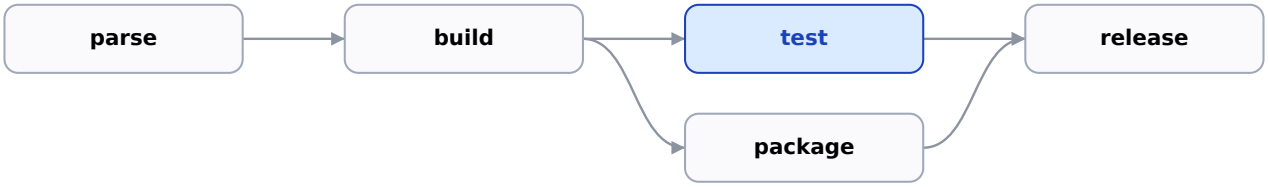
A dependency graph from a few lines

The `flow` tile shows what depends on what, as nodes in columns joined by arrows. It is a static SVG laid out when the site is built, with no script.

Build pipeline




```
:::tile flow
title: Build pipeline
edge: parse -> build
edge: build -> test
edge: build -> package
edge: test -> release
edge: package -> release
node: test
status: running
:::
```

- `title` names the picture, for a screen reader and the tooltip. The default is `Flow`.
- `edge: a -> b` is an arrow from node `a` to node `b`. A name is letters, digits, `-` and `_`, up to 32 characters. A node exists as soon as an edge names it.
- `node` declares a node by name, for a node with no edge or to give it a `label` (up to 18 characters) and a `status` (`running`, `waiting`, `blocked`, `done` or `failed`) on the lines that follow it.

The layout

The layout is a pure function of the lines: a node sits one column to the right of the farthest node that points to it, and the nodes of a column are stacked in the order they first appear. The same lines always give the same picture. A cycle is not drawn: it is a build error that names it (`a -> b -> a`). At most 60 nodes and 200 edges.

A Mermaid diagram needs a runtime in the browser. This is drawn at build time and is plain SVG in the page.