

### Get Shorter legend names

- `alias()` function to specify a custom series name
- `aliasByNode(2)` to alias by a specific part of your metric path
- `groupByNode(2, 'sum')` is useful if you have 2 wildcards in your metric path and want to sumSeries and group by.

### Series as parameter

- Some graphite functions allow you to have many series arguments
- Use `#[A-Z]` to use a graphite query as parameter to a function
- Examples:
  - `asPercent(#A, #B)`
  - `divideSeries(#A, #B)`

If a query is added only to be used as a parameter, hide it from the graph with the eye icon

### Max data points

- Every graphite request is issued with a `maxDataPoints` parameter
- Graphite uses this parameter to consolidate the real number of values down to this number
- If there are more real values, then by default they will be consolidated using averages
- This could hide real peaks and max values in your series
- You can change how point consolidation is made using the `consolidateBy` graphite function
- Point consolidation will effect series legend values (min,max,total,current)
- if you override `maxDataPoint` and set a high value performance can be severely effected

**Documentation links:** [Grafana's Graphite Documentation](#)

[Official Graphite Documentation](#)