



Attempt 2

A GCounter is

- S : map of $I \Rightarrow N: \{\}$
- $\text{join}(s1, s2) = \mathbf{max}(s1(i), s2(i))$
- $\text{value}(s) = \Sigma \mathbf{values}(s)$
- **Mutators**
 - $\text{increment}(): \mathbf{S\{i \Rightarrow S(i) + 1\}}$

