

State-based CRDTs

From a programmer's perspective

```
-- | A state-based CRDT is a structure that has a binary 'merge' operation that is
-- | * associative
-- | * commutative
-- | * idempotent
class StateBasedCRDT t where
    merge :: t -> t -> t
```



Operation-based CRDTs

$$s_1 + \text{Op} = s_2$$