

# Operation-based CRDTs

## From a programmer's perspective

-- | An effector applies an operation on a state to produce a new state

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class Effector t op | t → op where  
  applyOperation :: op → t → t
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-- | A generator is a way of expressing state modifications

-- | as operations that can be sent over the network

```
class Generator t op | t → op where  
  generateOperations :: t → t → Array op
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