





```
foldr (*) 1 [1,2,3]
> 6
foldr (+) 0 [2,3,4]
> 9
foldr (++) [] [[1,2,3], [20, 30, 40]]
> [1,2,3,20,30,40]
```

This means that if we have a monoid or if we can make a structure become a monoid ...



```
foldr (*) 1 [1,2,3]
> 6
foldr (+) 0 [2,3,4]
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foldr (++) [] [[1,2,3], [20, 30, 40]]
> [1,2,3,20,30,40]
```