












benchmark results

for array-extra













application

	runs / second	goodness of fit
curry		
lambda, fully applied	557,205 	99.08%
lambda, piping	555,044 	99.18%
name only	518,814 	99.04%
lambda nested, fully applied	257,975 	99.31%
partially curried/applied	214,786 	98.9%
chain		
lambda, > >	607,427 	99.2%
declaration argument, > >	603,076 	98.98%
lambda, > >>	582,091 	98.91%
>>	270,100 	99.13%


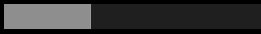
Array

	runs / second	goodness of fit
Array.fold		
foldl	520,752 	99.09%
foldr	512,228 	99.03%





Array.Extra





mapToList	runs / second	goodness of fit
with foldr	304,873 	99.14%
with Array.toListIndexed	168,922 	99.11%
indexedMapToList	runs / second	goodness of fit
with Array.indexedMap	212,731 	99.11%
with Array.foldr	188,016 	99.11%
with List.indexedMap	121,626 	99.02%
with toIndexed	101,566 	98.85%
reverse	runs / second	goodness of fit
with Array.foldl to list	337,896 	99.1%
with List.reverse	275,074 	99.05%
with Array.foldr to array	128,847 	98.9%
unzip	runs / second	goodness of fit
with Array.maps	311,127 	99.05%
with List.unzip	106,983 	99.02%
with foldl to Arrays	57,927 	99.04%



map2	runs / second	goodness of fit
------	---------------	-----------------





with List.map2 118,098  98.96%
with List.indexedMap 39,982  98.89%

filterMap runs / second goodness of fit
with List.filterMap 116,061  98.9%
with push 97,374  99.18%

all runs / second goodness of fit
with fold 530,242  98.81%
recursive get 184,860  98.99%
with List.all 181,089  98.87%
recursive last 40,494  99.01%

any runs / second goodness of fit
with fold 583,681  99.14%
with List.any 313,787  98.95%
recursive get 189,766  99.02%
recursive last 41,323  99.06%

intersperse runs / second goodness of fit
with List.intersperse 120,260  98.88%
with Array.foldr 37,848  99.04%

member runs / second goodness of fit
with any 418,530  99.3%
with List.member 389,521  99.24%
with fold 378,198  98.96%
recursive 165,016  99.15%