









benchmark results

for array-extra













application



	runs / second	goodness of fit
curry		
lambda, piping	699,732 	99.23%
lambda, fully applied	684,997 	99.05%
name only	606,866 	98.95%
lambda nested, fully applied	304,993 	99.11%
partially curried/applied	244,369 	99.12%
chain		
lambda, > >	843,862 	98.97%
lambda, > >>	830,443 	99.06%
declaration argument, > >	816,189 	99.21%
>>	336,211 	99.19%


Array




	runs / second	goodness of fit
Array.fold		
foldr	641,960 	99.21%
foldl	615,750 	99.24%




Array.Extra



	runs / second	goodness of fit
mapToList		
with foldr	359,414 	99.23%
with Array.toListIndexed	204,479 	99.27%
indexedMapToList		
with Array.indexedMap	261,757 	99.15%
with Array.foldr	221,800 	99.23%
with List.indexedMap	144,799 	99.08%
with toIndexed	120,818 	99.25%
reverse		
with Array.foldl to list	392,400 	98.98%
with List.reverse	326,213 	99.23%
with Array.foldr to array	145,920 	99.05%
unzip		
with Array.maps	423,354 	99.27%
with List.unzip	123,620 	99.47%
with foldl to Arrays	66,051 	99.1%
map2		
	runs / second	goodness of fit




with List.map2 141,066  99.33%
with List.indexedMap 46,747  99.44%

filterMap runs / second goodness of fit
with List.filterMap 139,096  99.16%
with push 108,732  99.21%

all runs / second goodness of fit
with fold 658,105  99.43%
with List.all 254,898  99.33%
recursive 45,727  99.32%

any runs / second goodness of fit
with fold 688,251  99.28%
with List.any 402,753  99.41%
recursive 46,271  99.24%

intersperse runs / second goodness of fit
with List.intersperse 136,517  99.11%
with Array.foldr 42,599  98.94%

member runs / second goodness of fit
with List.member 453,924  99.15%
with fold 437,243  99.13%
recursive 176,791  99.12%