












benchmark results

for array-extra



application



	runs / second	goodness of fit
curry		
lambda, piping	277,985 	98.42%
lambda, fully applied	269,893 	98.94%
name only	260,180 	99.43%
lambda nested, fully applied	103,163 	98.63%
partially curried/applied	81,960 	98.89%
chain		
lambda, > >	286,676 	99.2%
lambda, > >>	283,875 	99.29%
declaration argument, > >	250,078 	98.86%
>>	129,643 	98.71%

Array




	runs / second	goodness of fit
Array.fold		
foldr	299,455 	98.74%
foldl	272,824 	98.41%

Array.Extra




	runs / second	goodness of fit
mapToList		
with foldr	135,473 	98.53%
with Array.toListIndexed	71,754 	98.12%




	runs / second	goodness of fit
indexedMapToList		
with Array.indexedMap	77,312 	98.03%
with Array.foldr	77,089 	98.54%
with List.indexedMap	46,814 	98.61%
with toIndexed	36,788 	98.38%


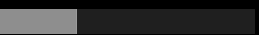
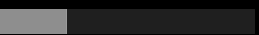

	runs / second	goodness of fit
reverse		
with Array.foldl to list	133,017 	98.23%
with List.reverse	100,991 	98.26%
with Array.foldr to array	39,136 	98.55%





	runs / second	goodness of fit
unzip		
with Array.maps	125,542 	98.76%
with List.unzip	39,443 	98.07%
with foldl to Arrays	18,791 	98.61%


	runs / second	goodness of fit
map2		





with List.map2	42,721		99.21%
with un-cons	37,441		98.53%
with get	15,475		98.77%

filterMap	runs / second		goodness of fit
with cons	49,964		98.71%
with List.filterMap	40,730		98.92%
with push	34,546		98.48%

all	runs / second		goodness of fit
with fold	262,539		99.09%
recursive get	82,395		98.76%
with List.all	72,906		98.54%
recursive last	15,628		99.08%

any	runs / second		goodness of fit
with fold	290,413		98.86%
with List.any	135,197		98.96%
recursive get	92,382		98.64%
recursive last	14,899		99.47%

intersperse	runs / second		goodness of fit
with List.intersperse	44,481		98.55%
with Array.foldr	11,914		98.08%

member	runs / second		goodness of fit
with any	191,478		98.81%
with fold	161,641		98.21%
with List.member	143,400		98.25%
recursive	58,756		99.11%