









# benchmark results

for array-extra





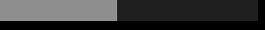







application



	runs / second	goodness of fit
curry		
lambda, piping	143,524 	98.72%
lambda, fully applied	132,952 	99.19%
name only	132,568 	99.02%
lambda nested, fully applied	59,784 	98.18%
partially curried/applied	45,352 	98.79%
chain		
lambda,  >  >	175,972 	98.74%
declaration argument,  >  >	170,201 	98.7%
lambda,  > >>	97,571 	99.58%
>>	87,932 	98.73%





Array



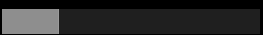

	runs / second	goodness of fit
Array.fold		
foldr	165,059 	98.65%
foldl	136,869 	98.33%



Array.Extra





mapToList	runs / second	goodness of fit
with foldr	88,029 	98.71%
with Array.toIndexedList	36,235 	98.16%
indexedMapToList	runs / second	goodness of fit
with Array.indexedMap	52,995 	98.41%
with Array.foldr	46,709 	97.78%
with toIndexedList	23,850 	98.77%
with List.indexedMap	22,055 	97.99%
reverse	runs / second	goodness of fit
with Array.foldl to list	55,600 	98.57%
with List.reverse	37,076 	98.73%
with Array.foldr to array	11,910 	98.87%
unzip	runs / second	goodness of fit
with Array.maps	88,172 	97.94%
with List.unzip	19,033 	98.9%
with foldl to Arrays	6,257 	98.55%
map2	runs / second	goodness of fit

with List.map2	23,389		98.52%
with un-cons	19,913		97.86%
with get	7,264		98.18%
filterMap	runs / second		goodness of fit
with cons	56,505		98.31%
with List.filterMap	32,231		98.66%
with push	14,777		98.93%

all	runs / second		goodness of fit
with fold	137,823		99.28%
with List.all	48,644		98.66%
recursive get	30,339		98.93%
recursive last	7,809		98.96%

any	runs / second		goodness of fit
with fold	137,433		98.99%
with List.any	77,756		98.69%
recursive get	30,642		98.8%
recursive last	7,604		98.69%

intersperse	runs / second		goodness of fit
with List.intersperse	23,958		98.87%
with Array.foldr	5,199		99.01%

member	runs / second		goodness of fit
with any	72,829		98.3%
with List.member	58,626		99.18%
with fold	53,763		98.37%
recursive	39,999		95.6%