










# benchmark results

for array-extra

application



	runs / second	goodness of fit
curry		
name only	181,090 	97.47%
lambda, piping	162,127 	98.6%
lambda, fully applied	162,066 	98.84%
lambda nested, fully applied	62,332 	98.33%
partially curried/applied	49,979 	97.62%
chain		
declaration argument,  >  >	166,497 	98.45%
lambda,  >  >	157,096 	99.12%
lambda,  > >>	116,877 	98.35%
>>	79,694 	98.85%




Array





Array.fold	runs / second	goodness of fit
foldr	166,765 	98.92%
foldl	163,259 	98.79%




Array.Extra




mapToList	runs / second	goodness of fit
with foldr	90,773 	98.69%
with Array.toIndexedList	37,026 	98.7%




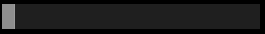
indexedMapToList	runs / second	goodness of fit
with Array.indexedMap	52,162 	97.63%
with Array.foldr	43,818 	97.38%
with toIndexedList	22,535 	98.33%
with List.indexedMap	21,666 	98.13%





reverse	runs / second	goodness of fit
with cons	58,261 	98.89%
with List.reverse	35,280 	98.6%
with push	13,282 	98.91%

unzip	runs / second	goodness of fit
with maps	89,297 	98.63%
with cons	26,828 	98.63%
with List.unzip	19,557 	98.19%
with push	6,126 	98.78%

map2	runs / second	goodness of fit
with List.map2	23,893 	98.09%
with un-cons	19,440 	98.92%
with get	8,409 	98.38%

filterMap	runs / second	goodness of fit
with cons	56,911 	98.67%
with List.filterMap	33,046 	98.75%
with push	15,106 	98.77%

all	runs / second	goodness of fit
with fold	153,087 	98.02%
with List.all	49,345 	98.7%
recursive get	34,597 	99.02%
recursive last	7,823 	98.4%

any	runs / second	goodness of fit
with fold	151,323 	98.57%
with List.any	74,011 	97.79%
recursive get	29,820 	99.06%
recursive last	7,960 	98.31%

intersperse	runs / second	goodness of fit
with List.intersperse	23,851 	97.94%
with cons	16,289 	98.36%
with push	5,668 	98.14%

member	runs / second	goodness of fit
with fold	81,642 	98.72%
with any	79,999 	98.6%
with List.member	63,336 	98.93%
recursive	38,677 	99.1%