










benchmark results

for array-extra













application

	runs / second	goodness of fit
curry		
lambda, piping	290,776 	98.78%
lambda, fully applied	280,891 	98.88%
name only	261,171 	97.94%
lambda nested, fully applied	155,012 	98.41%
partially curried/applied	119,714 	98.47%
chain		
lambda, > >	353,587 	99.11%
declaration argument, > >	276,276 	98.44%
>>	154,686 	98.45%
lambda, > >>	151,294 	98.85%




Array




	runs / second	goodness of fit
Array.fold		
foldr	355,550 	99.11%
foldl	316,829 	98.67%

Array.Extra





mapToList	runs / second	goodness of fit
with foldr	189,835 	98.89%
with Array.toIndexedList	88,593 	98.46%
indexedMapToList	runs / second	goodness of fit
with Array.indexedMap	111,243 	99.07%
with Array.foldr	100,379 	98.3%
with toIndexedList	55,399 	99.25%
with List.indexedMap	47,460 	98.58%
reverse	runs / second	goodness of fit
with Array.foldl to list	132,682 	98.53%
with List.reverse	80,163 	98.67%
with Array.foldr to array	25,677 	98.52%
unzip	runs / second	goodness of fit
with Array.maps	182,012 	98.01%
with List.unzip	47,191 	97.98%
with foldl to Arrays	12,348 	99.22%
map2	runs / second	goodness of fit

with List.map2	47,150		98.99%
with List.indexedMap	16,561		98.68%
filterMap	runs / second		goodness of fit
with List.filterMap	58,234		98.23%
with push	27,031		98.6%

all	runs / second		goodness of fit
with fold	261,460		98.87%
with List.all	99,057		98.89%
recursive	16,472		98.98%

any	runs / second		goodness of fit
with fold	265,294		98.89%
with List.any	157,018		98.06%
recursive	16,275		98.71%

intersperse	runs / second		goodness of fit
with List.intersperse	54,119		98.36%
with Array.foldr	9,847		98.74%

member	runs / second		goodness of fit
with any	166,213		98.96%
with List.member	137,354		98.93%
with fold	135,966		98.74%
recursive	84,379		98.95%