


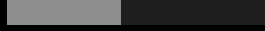






# benchmark results

for array-extra



application

	runs / second	goodness of fit
curry		
name only	500,226 	98.22%
lambda, fully applied	481,999 	98.86%
lambda, piping	477,587 	98.79%
lambda nested, fully applied	271,879 	99.05%
partially curried/applied	224,664 	98.46%
chain		
lambda,  >  >	502,498 	99%
declaration argument,  >  >	499,433 	98.39%
lambda,  > >>	411,008 	98.66%
>>	232,687 	99.43%

Array

	runs / second	goodness of fit
Array.fold		
foldl	494,645 	98.57%
foldr	494,431 	98.68%

Array.Extra





	runs / second	goodness of fit
mapToList		
with foldr	302,051 	98.93%
with Array.toIndexedList	132,698 	99.04%





	runs / second	goodness of fit
indexedMapToList		
with Array.indexedMap	201,529 	98.82%
with Array.foldr	196,699 	99.18%
with toIndexedList	92,395 	98.88%
with List.indexedMap	77,000 	98.8%





	runs / second	goodness of fit
reverse		
with Array.foldl to list	209,285 	99.29%
with List.reverse	123,071 	98.71%
with Array.foldr to array	43,254 	99.12%



	runs / second	goodness of fit
unzip		
with Array.maps	266,276 	98.84%
with List.unzip	74,997 	98.71%
with foldl to Arrays	22,241 	98.93%





	runs / second	goodness of fit
map2		

with List.map2	79,155		98.78%
with List.indexedMap	31,782		99.03%
filterMap	runs / second		goodness of fit
with List.filterMap	111,902		98.95%
with push	51,894		99.13%

all	runs / second		goodness of fit
with fold	457,451		98.69%
with List.all	156,315		99.09%
recursive get	99,205		99.07%
recursive last	24,684		98.91%

any	runs / second		goodness of fit
with fold	456,025		98.85%
with List.any	231,849		98.77%
recursive get	98,854		99.27%
recursive last	24,031		98.91%

intersperse	runs / second		goodness of fit
with List.intersperse	88,761		98.98%
with Array.foldr	17,982		99.22%

member	runs / second		goodness of fit
with any	278,299		99.06%
with fold	217,821		99.22%
with List.member	210,585		99.38%
recursive	148,700		99%