PFDS §5.2 Queues

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First...

- http://www.kmonos.net/pub/Presen/PFDS.pdf

Banker's method

- snoc = 1 step + 1 credit
- tail (w/o reverse) = 1 step
- tail (w/ reverse) = (m+1) steps - m credits
- tail . tail . tail . snoc 3 . snoc 2 . snoc 1

	real	amortized
snoc 1 -> [] [1] -> [1] []	2	2
snoc 2 -> [1] [2]	1	**2**
snoc 3 -> [1] [3,2]	1	**2**
tail -> [] [3,2] -> [2,3] []	3	**1**
tail -> [3] []	1	1
tail -> [] []	1	1
	9	9

	real	amortized
snoc 1 -> [] [1] -> [1] []	2	2
snoc 2 -> [1] [2]	1	**2**
snoc 3 -> [1] [3,2]	1	**2**
tail -> [] [3,2] -> [2,3] []	3	**1**
tail -> [3] []	1	1
tail -> [] []	0	0
	9	9

借金する前に積み立てておく

Physicist's method

- Φ = length of the rear list
- snoc = 1 step + 1 potential (for 1 elem)
- tail (w/o reverse) = 1 step
- tail (w/ reverse) = (m+1) steps - m potentials