

 Memoization Recap Take a problem that involves lots of repeated work Add the ability to "remember" results Maybe using an associative list, maybe some other way Now we only do the repeated work once, and we can look it up after that 	 Streams A stream is basically an infinitely long list, with the added bonus that it doesn't take an infinite amount of time to construct Good for us I'm gonna show you an infinite list I want to go home later You probably need to eat
A stream is a thunk that, when evaluated, produces a pair whose first element is an element of the stream, and whose second element is the stream that will produce the rest of the elements.	The Simplest Stream (define (ones) (cons 1 ones))
More complex behavior • Instead of returning the <i>same</i> function each time, let's return a new function, which will produce the next value/function pair, etc	Some slightly more complex examples