Subject: Environments  
Posted by jrmelton on Wed, 16 Nov 2016 17:43:23 GMT  
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Just to be clear, the "parallel lists" are actually dictionaries, correct? The dictionary syntax for my DPL should be coded in my host language but the actual dictionary class and methods should be coded in my DPL - then my host language will include the dictionary class to use it for these "parallel lists", right?

Subject: Re: Environments  
Posted by apluth on Wed, 16 Nov 2016 19:01:05 GMT  
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The parallel list is a lexeme with a left and right pointer to other lexemes that point to other lexemes and form lists so from top down you have env, left list (vars), right list (values), the dictionary is a data structure that is built in using the completed evaluator to read source code in you lang. to make the dictionary (avl tree)

Subject: Re: Environments  
Posted by apluth on Sun, 20 Nov 2016 16:58:08 GMT  
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My mistake from top down it goes env, left table, right defining env. And the table is left var, right val

Subject: Re: Environments  
Posted by lusth on Mon, 21 Nov 2016 17:41:53 GMT  
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Of course, you could have a slightly different arrangement, depending on how you glue the list of variables, the list of values, and the enclosing environment together.

Subject: Re: Environments  
Posted by jrmelton on Wed, 23 Nov 2016 02:41:53 GMT  
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So the Environment lexeme has a left pointer to a glue lexeme which has a left pointer to a list of variable lexemes and a right pointer to a list of value lexemes? The environment also has a right pointer to the next outer scope environment lexeme, correct?
Subject: Re: Environments
Posted by apluth on Wed, 23 Nov 2016 18:16:06 GMT

that's how mine does it and I believe scam as well

Subject: Re: Environments
Posted by jrmelton on Wed, 23 Nov 2016 21:32:05 GMT

ok thank you!