Commit Messages

These are commit messages in chronological order. I used a software called git to keep track of changes to the code. It tracks which files were changed, how many files, how many lines, and the date of the commit. Every time I added a feature, fixed a bug, or made any change to the code it would be annotated and submitted to git.

To explore for yourself, the full git repository with all the code, commits, and the changes contained within each commit is available on GitHub at https://github.com/krpaul/Eeloo

Eeloo Language Development Log

15-03-2021

Reordered exps for bracketedExp and added exp for singlePwrExp	Files Modified	1
	Lines Added	4
krpaul - 03:12:40 PM	Lines Removed	2

15-03-2021

Added 'squared' and 'cubed' expression	Files Modified	5
	Lines Added	30
krpaul - 03:12:23 PM	Lines Removed	17

11-03-2021

Optional 'new' keyword for creator + test file	Files	Modified	3	
	Lines	Added	12	
krpaul - 03:34:05 PM	Lines	Removed	1	

11-03-2021

Continue statement test + new alias	Files Modified	4
	Lines Added	52
krpaul - 03:30:09 PM	Lines Removed	34

10-03-2021

Added continue statement	Files	Modified	7
	Lines	Added	87
krpaul - 11:06:08 PM	Lines	Removed	34

10-03-2021

None object reworked	Files	Modified	3
	Lines	Added	8
krpaul - 11:02:17 PM	Lines	Removed	8

10-03-2021

removed experimental code	Files	Modified	1
	Lines	Added	None
krpaul - 10:55:36 PM	Lines	Removed	3

10-03-2021

Test program for new return system	Files Modified	1
	Lines Added	11
krpaul - 10:51:03 PM	Lines Removed	6

10-03-2021

Return does not unpack values anymore	Files Modified	1
	Lines Added	6
krpaul - 10:50:49 PM	Lines Removed	8

10-03-2021

Removed RETURN_VALUE internal type.	Modified Added	1 2
krpaul - 10:49:46 PM		3

10-03-2021

IfElse returns null now	Files	Modified	1
	Lines	Added	14
krpaul - 10:47:56 PM	Lines	Removed	8

10-03-2021

ForLoop returns null now.	Files Modified	1
krpaul - 10:47:20 PM	Lines Removed	1

10-03-2021

More syntax error message replacements	Files	Modified	1
June 201 40 40 40 70	Lines	Added	4
krpaul - 10:46:42 PM	Lines	Removed	1

10-03-2021

Accounted for eeObject.None as a return value. LinesContext will skip it now.	Files Modified	. 1
	Lines Added	9
krpaul - 10:46:00 PM	Lines Removed	7

04-03-2021

merge	Files	Modified	-
	Lines	Added	-
Kevin Paul - 01:40:08 PM	Lines	Removed	-

04-03-2021

Added InternalError	Files	Modified	4	
	Lines	Added	39	
Kevin Paul - 01:39:28 PM	Lines	Removed	13	

03-03-2021

speedtest	Files Modified	
	Lines Added	5
krpaul - 10:30:01 PM	Lines Removed	14

03-03-2021

Added NoMethodError	Files M	odified	7
	Lines A	dded	39
krpaul - 10:24:08 PM	Lines R	emoved	21

03-03-2021

Added call representation for body function (*)	Files Modified	2
	Lines Added	2
Kevin Paul - 12:16:25 PM	Lines Removed	26

02-03-2021

Added support for empty parenthesis in function definition	Files M	Modified	2
	Lines A	Added	2
krpaul - 10:52:25 PM	Lines F	Removed	2

02-03-2021

CallStack implemented	Files	Modified	5
	Lines	Added	32
krpaul - 10:51:32 PM	Lines	Removed	32

02-03-2021

Undid a mistake.	Files Modified	17
	Lines Added	149
krpaul - 10:02:05 PM	Lines Removed	43

11-02-2021

more errors	Files	Modified	2
	Lines	Added	13
krpaul - 10:55:25 PM	Lines	Removed	1

09-02-2021

implemented DivisionByZeroError	Files Modified	3
	Lines Added	19
krpaul - 10:59:31 PM	Lines Removed	18

09-02-2021

Verbosity	Files	Modified	2	
	Lines	Added	6	
krpaul - 10:49:50 PM	Lines	Removed	1	

09-02-2021

Fixed function contexting	Files Modified	2
	Lines Added	3
krpaul - 10:43:05 PM	Lines Removed	1

07-02-2021

Moved scope object & changed all references	Files Modified	24
	Lines Added	53
krpaul - 06:14:17 PM	Lines Removed	79

03-02-2021

Added children scopes for loops/if statements/functions	Files Modified	8
	Lines Added	67
krpaul - 09:48:11 PM	Lines Removed	11

03-02-2021

Removed function pre-evaluator	Files	Modified	4	
	Lines	Added	33	
aul - 09:06:15 PM	Lines	Removed	53	

02-02-2021

Better function signature	Files	Modified	4
	Lines	Added	16
krpaul - 10:05:13 PM	Lines	Removed	5

02-02-2021

Removed debugging code	Files	Modified	2
	Lines	Added	5
Kevin Paul - 10:13:22 AM	Lines	Removed	7

01-02-2021

comparison grammar changes	Files Modified	4
	Lines Added	33
krpaul - 09:25:28 PM	Lines Removed	10

01-02-2021

auto-generated tokens	Files	Modified	2
	Lines	Added	82
00-25-40 DM	Lines	Removed	11

26-01-2021

More test cases	Files	Modified	4
	Lines	Added	22
Kevin Paul - 08:59:17 AM	Lines	Removed	9

Fixed comparison grammar	Files Modified Lines Added	3 12
Kevin Paul - 08:58:47 AM	Lines Removed	8

Prevented simplification of eeNumber denominators which are powers of 10; Division	Files	Modified	2
is now non-destructive.	Lines	Added	31
	Lines	Removed	2
krpaul - 05:22:16 PM			

24-01-2021

added math.ee test cases	Files Modified	2
	Lines Added	7
krpaul - 04:07:05 PM	Lines Removed	5

24-01-2021

Fixed multiplication data destruction bug	Files	Modified	3	
	Lines	Added	12	
krpaul - 03:00:28 PM	Lines	Removed	20	

23-01-2021

Upgraded to .NET Core 3.1	Files Mod	lified	3
	Lines Add	led	3
krpaul - 11:52:42 PM	Lines Rem	oved	3

21-01-2021

Deleted old unused code	Files	Modified	5
	Lines	Added	None
Kevin Paul - 01:45:04 PM	Lines	Removed	44

21-01-2021

Removed unnecessary context parameters	Files Modified	17
	Lines Added	62
Kevin Paul - 01:39:50 PM	Lines Removed	56

20-01-2021

Added context scope integration for expressions	Files Modified	23
	Lines Added	146
krpaul - 11:54:04 PM	Lines Removed	7

20-01-2021

Fixed gcf bug	Files	Modified	3	
	Lines	Added	6	
krpaul - 10:23:11 PM	Lines	Removed	7	

assignment test	Files Modif	ied 2
	Lines Added	1 20
Kevin Paul - 09:52:42 PM	Lines Remov	red None

Implemented augmented assign	Files Modif	ied 6
	Lines Added	108
Kevin Paul - 09:45:38 PM	Lines Remov	red 10

18-01-2021

Implemented Digits method for numbers	Files Modified	3
	Lines Added	23
krpaul - 12:06:41 AM	Lines Removed	2

17-01-2021

Implemented factorial method	Files	Modified	7
	Lines	Added	53
krpaul - 11:46:52 PM	Lines	Removed	22

17-01-2021

Switched power function to use right shift instead of multiplication	Files Modified	3
	Lines Added	20
krpaul - 11:25:03 PM	Lines Removed	27

16-01-2021

Preliminary implementation of left and right shift	Files Modified	2
	Lines Added	6
Kevin Paul - 08:43:40 PM	Lines Removed	10

14-01-2021

Partial implementation of bit shifting	Files Modified	2
	Lines Added	65
Kevin Paul - 06:10:57 PM	Lines Removed	3

14-01-2021

Added bitwise &, and created a region within the operators for bitwise operators.	Files Modified 1
Marrie Paul 40 00 47 AM	Lines Added 46
Kevin Paul - 10:32:17 AM	Lines Removed 23

14-01-2021

Made number subtraction function non-destructive.	Files Modified	2
	Lines Added	5
Kevin Paul - 10:29:24 AM	Lines Removed	11

Kevin Paul - 10:27:25 AM Lines Removed 15	Bug fixes, improvments, renames, etc in eeNumber implementation	Files Modified	2 35
	Kevin Paul - 10:27:25 AM		15

Added addition tests	Files Modified	1
	Lines Added	2
Kevin Paul - 02:23:35 PM	Lines Removed	None

11-01-2021

Accounted for fractions when adding	Files Modified	2
	Lines Added	18
Kevin Paul - 02:16:13 PM	Lines Removed	1

11-01-2021

Fixed some arcane syntax in function test	Files Modif:	ied 3
	Lines Added	5
Kevin Paul - 02:10:52 PM	Lines Remove	ed 5

11-01-2021

Accounted for fractions when subtracting	Files Modified	3
	Lines Added	21
Kevin Paul - 11:29:17 AM	Lines Removed	6

08-01-2021

Fixed time	Files Modified	4
	Lines Added	12
krpaul - 11:46:03 AM	Lines Removed	23

07-01-2021

Added fast GCF function	Files	Modified	2	
	Lines	Added	16	
krpaul - 02:16:37 PM	Lines	Removed	21	

07-01-2021

Fixed bitwise or on numbers	Files Modified	3
	Lines Added	58
krpaul - 02:08:48 PM	Lines Removed	3

06-01-2021

-	
d -	
	_

i illies kemoved i	added number to binary conversion krpaul - 04:56:53 PM	Files Modified Lines Added Lines Removed	3 49 1
--------------------	---	--	--------------

merged	Files Modified	-
W 1 B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Lines Added	-
Kevin Paul - 02:51:56 PM	Lines Removed	-

06-01-2021

Started implementing built-in time function	Files Modified	3
	Lines Added	25
krpaul - 02:46:26 PM	Lines Removed	6

16-11-2020

Rename	Files	Modified	1	
	Lines	Added	4	
Kevin Paul - 02:45:19 PM	Lines	Removed	4	

16-11-2020

Fixed negative number constraint	Files Modified	5
	Lines Added	26
Kevin Paul - 02:45:13 PM	Lines Removed	18

16-11-2020

Formatting	Files	Modified	2	
	Lines	Added	10	
Kevin Paul - 12:19:50 PM	Lines	Removed	8	

16-11-2020

fixed typo	Files Modified	1
	Lines Added	1
Kevin Paul - 11:51:20 AM	Lines Removed	1

16-11-2020

fixes to array indexing and alternative function call syntax	Files Modified	6
	Lines Added	13
Kevin Paul - 11:46:52 AM	Lines Removed	8

16-11-2020

merge	Files	Modified	_	
	Lines	Added	-	
Kevin Paul - 09:12:30 AM	Lines	Removed	-	

15-11-2020

Fixed small bug in subtraction	Files	Modified	2
	Lines	Added	5
krpaul - 03:37:33 PM	Lines	Removed	9

13-11-2020

Removed debugging code	Files	Modified	1
	Lines	Added	2
krpaul - 11:22:26 PM	Lines	Removed	7

13-11-2020

Fixed negative number comparison	Files Modified	2
	Lines Added	23
krpaul - 11:12:16 PM	Lines Removed	4

11-11-2020

fixed test	Files M	Modified	1
	Lines A	Added	1
krpaul - 03:03:34 PM	Lines R	Removed	1

11-11-2020

Added reverse method for list	Files	Modified	1
	Lines	Added	15
krpaul - 03:02:56 PM	Lines	Removed	None

11-11-2020

fixes	Files Modified 1
	Lines Added 1
krpaul - 03:02:49 PM	Lines Removed 1

11-11-2020

Accounted for negative numbers in eeNumber comparison	Files	Modified	5
	Lines	Added	34
krpaul - 03:02:29 PM	Lines	Removed	3

08-11-2020

Fixed range bug and moved getRange into RangeGenerator helper function	Files Modified 4
	Lines Added 43
krpaul - 01:24:54 PM	Lines Removed 27

08-11-2020

Removed old code	Files	Modified	1
	Lines	Added	None
krpaul - 01:24:31 PM	Lines	Removed	35

22-10-2020

Kovin Paul 42:04:40 DM	Added equality alises	odified	
Lines Removed 10	Kevin Paul - 12:04:49 PM		19 10

15-10-2020

Range and ArraySlice improvments	Files Modified	8
	Lines Added	161
Kevin Paul - 10:05:02 AM	Lines Removed	197

08-10-2020

cleaned up	Files Modified	1
	Lines Added	18
krpaul - 02:18:30 PM	Lines Removed	8

08-10-2020

Example programe with new grammar features	Files	Modified	1
	Lines	Added	101
krpaul - 02:03:05 PM	Lines	Removed	17

08-10-2020

Added sum method for list	Files M	Modified	1
	Lines A	Added	20
krpaul - 02:02:40 PM	Lines R	Removed	None

08-10-2020

Added optional newlines in exps, list grammars	Files Modified	1
	Lines Added	4
krpaul - 02:02:09 PM	Lines Removed	4

07-10-2020

Removed unnecessary rule and fixed string reverse method	Files	Modified	3
	Lines	Added	5
krpaul - 10:03:55 PM	Lines	Removed	4

07-10-2020

Switched method call from a statement to an expression	Files Modified 2
	Lines Added 20
krpaul - 10:03:26 PM	Lines Removed 5

07-10-2020

Some stack trace additions	Files	Modified	3
	Lines	Added	23
krpaul - 08:54:03 PM	Lines	Removed	4

06-10-2020

Began implementing stack trace	Modified Added	1 15
krpaul - 11:19:20 PM	Removed	None

06-10-2020

some changes to grammar and methods	Files Modified	8
	Lines Added	35
krpaul - 09:17:26 PM	Lines Removed	29

06-10-2020

implemented InvalidOperationError		Modified	
krpaul - 09:57:35 AM	Lines :		31 16

23-09-2020

Added UniterableValueError	Files	Modified	2	
	Lines	Added	13	
krpaul - 04:04:01 PM	Lines	Removed	1	

23-09-2020

Implemented NegationError	Files Modified	6 15
Kevin Paul - 12:12:57 PM	Lines Removed	8

23-09-2020

Added NoFunctionError	Files Modified	1
	Lines Added	19
krpaul - 12:07:31 PM	Lines Removed	None

23-09-2020

Added NegationError	Files Modified	1
	Lines Added	13
krpaul - 12:07:17 PM	Lines Removed	None

23-09-2020

Added InvalidOperationError	Files Modified	1
	Lines Added	14
krpaul - 12:07:01 PM	Lines Removed	None

23-09-2020

Tweaked constructors	Files Modified	1
	Lines Added	14
krpaul - 12:06:32 PM	Lines Removed	17

23-09-2020

Added helper function to convert object types intro strings	Files Modified	1
	Lines Added	30
krpaul - 12:06:11 PM	Lines Removed	None

22-09-2020

Added SpecificError abstract class	Files Modified	1
krpaul - 09:11:31 AM	Lines Removed	1

21-09-2020

Added directory for error files.	Files Modified	1
	Lines Added	21
Kevin Paul - 06:21:21 PM	Lines Removed	None

17-09-2020

removed quotes when printing strings	Files Modified Lines Added	1
Kevin Paul - 10:45:19 AM	Lines Removed	1

17-09-2020

Added uppercase and lowercase string methods	Files Modified	1
	Lines Added	27
Kevin Paul - 10:41:25 AM	Lines Removed	6

17-09-2020

Fixed function call with no arguments	Files Modifie	ed 2
	Lines Added	16
Kevin Paul - 10:41:10 AM	Lines Remove	d 7

15-09-2020

More function syntax	Files Modified	
Marria Barria as as as Bu	Lines Added	46
Kevin Paul - 01:33:00 PM	Lines Removed	4

15-09-2020

Fixed bug that prevented InterpreterTests project from loading	Files	Modified	1
	Lines	Added	1
krpaul - 11:22:42 AM	Lines	Removed	1

22-08-2020

attribute.ee test	Files	Modified	2	
	Lines	Added	10	
krpaul - 10:55:06 PM	Lines	Removed	1	

22-08-2020

Implemented verbose attributes	Files	Modified	5
	Lines	Added	34
krpaul - 10:39:57 PM	Lines	Removed	7

21-08-2020

Repeat loop alternative	Files Modified	2
	Lines Added	2
krpaul - 05:31:11 PM	Lines Removed	1

21-08-2020

Count By alias for extended range	Files	Modified	6
	Lines	Added	103
krpaul - 05:22:40 PM	Lines	Removed	110

20-08-2020

Fixed Range.cs, added eeNumber.AbsoluteValue(), added loop.ee test	Files Modified	4
	Lines Added	51
krpaul - 04:48:56 PM	Lines Removed	14

19-08-2020

Added list test	Files M	odified	2
krpaul - 04:50:51 PM	Lines A	dded	16
	Lines R	emoved	None

19-08-2020

Added remove and removeAll methods to eeListObject	Files Modifie	i 2
krpaul - 03:42:38 PM	Lines Added	35
	Lines Removed	2

19-08-2020

Implemented infrastructure for object attributes	Files Modified	9
	Lines Added	47
krpaul - 03:11:43 PM	Lines Removed	13

27-07-2020

tweaks	Files	Modified	5
	Lines	Added	32
I _ 04.57.29 DM	Lines	Removed	15

27-07-2020

eeList now makes copies of every object which enters it	Files	Modified	5	
	Lines	Added	43	
krpaul - 12:46:05 AM	Lines	Removed	14	

16-07-2020

Started implementation of eeList	Files M	Modified Added	5 124
krpaul - 01:32:21 AM	Lines I	Removed	8

15-07-2020

assert now uses dynamic cast to bool instead of strict cast	Files Modified	3
	Lines Added	4
krpaul - 08:45:57 PM	Lines Removed	3

15-07-2020

added bool test	Files Modified	4
kernoud 00.444.52 DM	Lines Added	11
krpaul - 08:41:53 PM	Lines Removed	5

15-07-2020

Fixed LIST equality check	Files	Modified	3	
	Lines	Added	22	
krpaul - 03:35:16 PM	Lines	Removed	3	

12-07-2020

Added casting test function		Modified	_
2001 05:52:27 DM	Lines	Added	5
krpaul - 05:53:27 PM	Lines	Removed	None

12-07-2020

Added negative checking for division	Files Modified	3
	Lines Added	35
krpaul - 05:28:04 PM	Lines Removed	8

12-07-2020

Fixed bugs	Files	Modified	5
	Lines	Added	21
krpaul - 05:04:34 PM	Lines	Removed	7

10-07-2020

Added remaining negation checks.	Files	Modified	1
	Lines	Added	22
krpaul - 02:02:48 PM	Lines	Removed	2

10-07-2020

Fixed negation	Files Modified	7
	Lines Added	24
krpaul - 01:53:25 PM	Lines Removed	12

09-07-2020

added bool test	Files	Modified	1
	Lines	Added	1
krpaul - 11:22:34 PM	Lines	Removed	None

09-07-2020

Fixed fractional comparison in eeNumber	Files Modified	2
	Lines Added	44
krpaul - 11:21:56 PM	Lines Removed	23

06-07-2020

Began replacing instances of DECIMAL and INTEGER types with eeNumber NUMBER type	Files Modified Lines Added	4 19
krpaul - 02:15:18 PM	Lines Removed	38

06-07-2020

Added better zero checking for eeNumber	Files	Modified	3
	Lines	Added	10
krpaul - 01:38:29 PM	Lines	Removed	14

06-07-2020

Fixed some eeNumber issues	Files Modified	3
	Lines Added	13
krpaul - 01:04:33 PM	Lines Removed	2

06-07-2020

Accounted for fractional numbers in eeNumber comparison	Files Modified 1
	Lines Added 35
krpaul - 12:26:12 PM	Lines Removed 6

02-07-2020

Replaces references to long.Parse with new eeNumber declarations	Files Modified	9
	Lines Added	61
krpaul - 10:03:31 PM	Lines Removed	52

02-07-2020

Fixed arithmetic	Files Modified	7
	Lines Added	74
krpaul - 08:57:31 PM	Lines Removed	49

02-07-2020

Tweaked list addition	Files	Modified	1
	Lines	Added	16
krpaul - 01:28:55 PM	Lines	Removed	17

02-07-2020

Fixed list multiplication	Files Modified	8
	Lines Added	40
krpaul - 01:22:52 PM	Lines Removed	33

02-07-2020

Tweaked string multiplication	Files Modified	3
	Lines Added	9
krpaul - 11:26:08 AM	Lines Removed	1

02-07-2020

Restructured arithmetic visitors & functions to be more centred around expression	Files	Modified	7
math as opposed to purely numerical math.	Lines	Added	243
	Lines	Removed	111
krpaul - 02:26:25 AM			

14-06-2020

Split eeObject.cs into organized regions	Files	Modified	1
	Lines	Added	21
krpaul - 11:22:59 AM	Lines	Removed	None

11-06-2020

More tests	Files Modified	3
	Lines Added	14
krpaul - 08:27:39 PM	Lines Removed	9

11-06-2020

Split ExpressionEvaluator.cs into Logic.cs and Math.cs	Files Modified	3
	Lines Added	121
krpaul - 08:23:30 PM	Lines Removed	101

10-06-2020

Made test infrastructure work	Files Modified	7
	Lines Added	27
krpaul - 11:09:23 PM	Lines Removed	11

10-06-2020

Split main function into file/stream methods	Files Modified	1
	Lines Added	10
krpaul - 09:32:49 PM	Lines Removed	21

05-06-2020

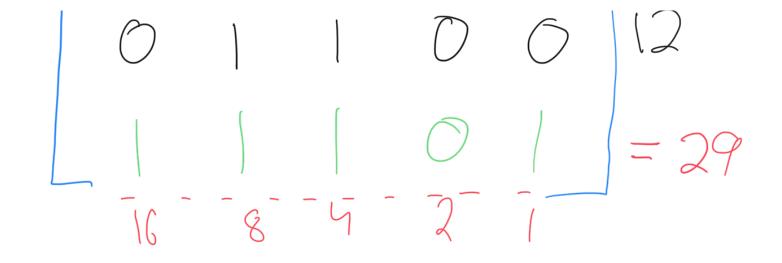
Added unit testing

krpaul - 04:03:16 PM

Handwritten Notes

These are notes I wrote on my iPad whenever I needed to figure something out on paper or write something important down. These notes are over the span of 4 months.

I've added some annotations as to roughly what the notes were describing.



542 1 432

Timing

(later realized that the numbers were wrong)

096 ms

1.002 ms 5 division
3.896 5 rshift

Contexts

tor every i from 6 to 10 CtxA

if i is 8

print <- i

ctx C

end

Displaying Errors

Decimal Precision

Definitive Usages for CallStack and Scope Objects

end end

X CallStack and Scope can be mutally independent objects

When to use each:

Scope is to be appended to whenever we enter a new code block (anything that requires an "end" Keyword)

The Scope will be unappended from Once we have reached the end of that code block

All newly-assigned variables will belong to that block's Scope and will be destroyed upon exit.

A new scope will also be appended for any called function. Each function, upon creation, will corry with it a scope, with its parameters already defined as Variables. This carried scope will then be appended to the Scape stack when the function is called.

Functions are stored as variables in a scope. They can not be called outside of that scope or chidren of that scope

Lo Call Stack is a corrent recount of all called functions up to the current point. It will only Show "open" functions, i.e. functions that have not reached their return Statement.

RETURN VALUES

Figuring out how return values should work

> return values must be passed up the Visitor tree.

return end
end
Lines Context:

internal_ RETURN_VAL

V5

Nope, we're reworking it...

Return values will now be ce Objects flagged with is Return Value! to true.

Lines (topmost)

For

If

Ines

Greturns; ee Object

Logis Return Value: true