



@chis\_andrei

@girba

@jurajkubelka

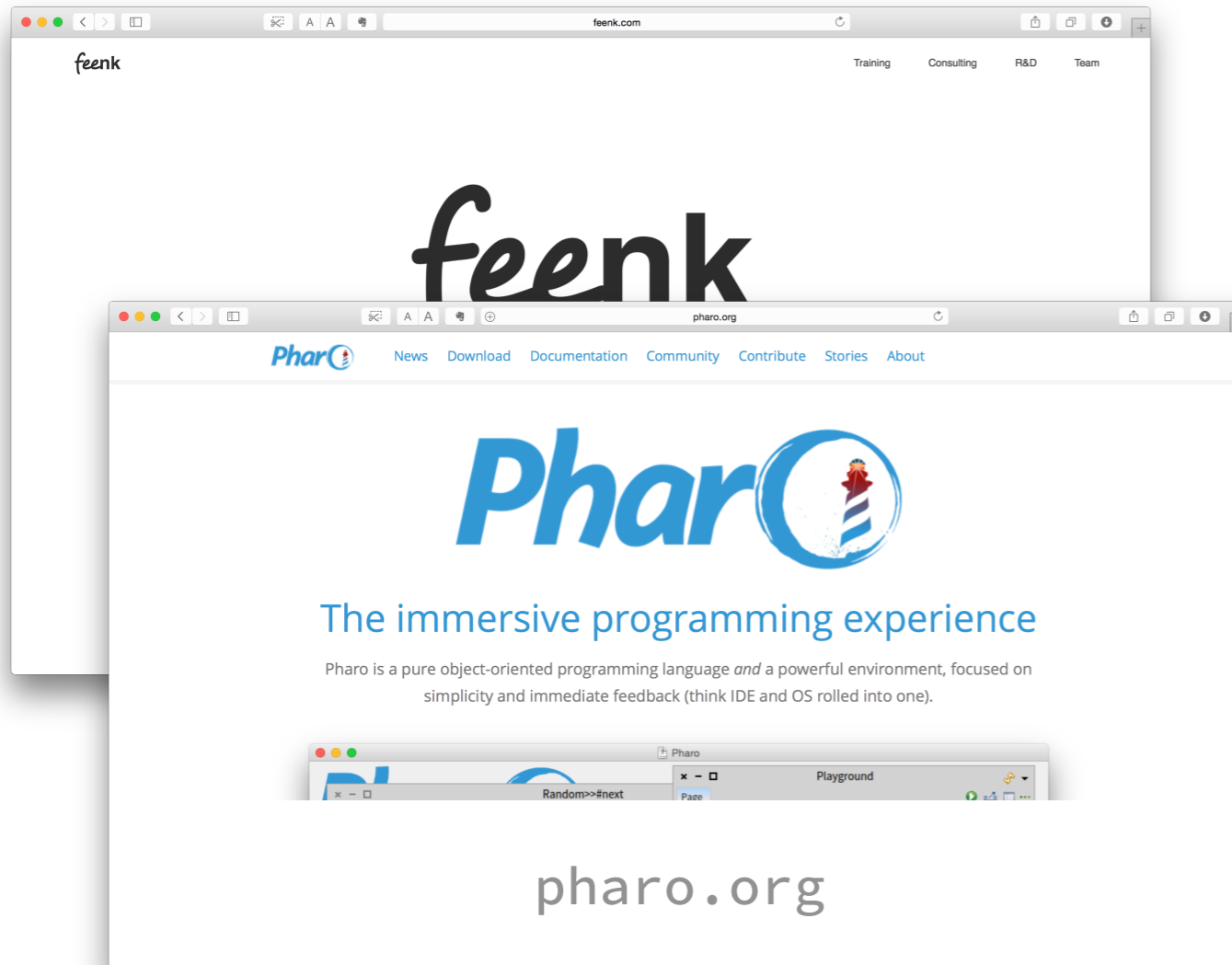
@stefanreichhart

@aliakseisyrel

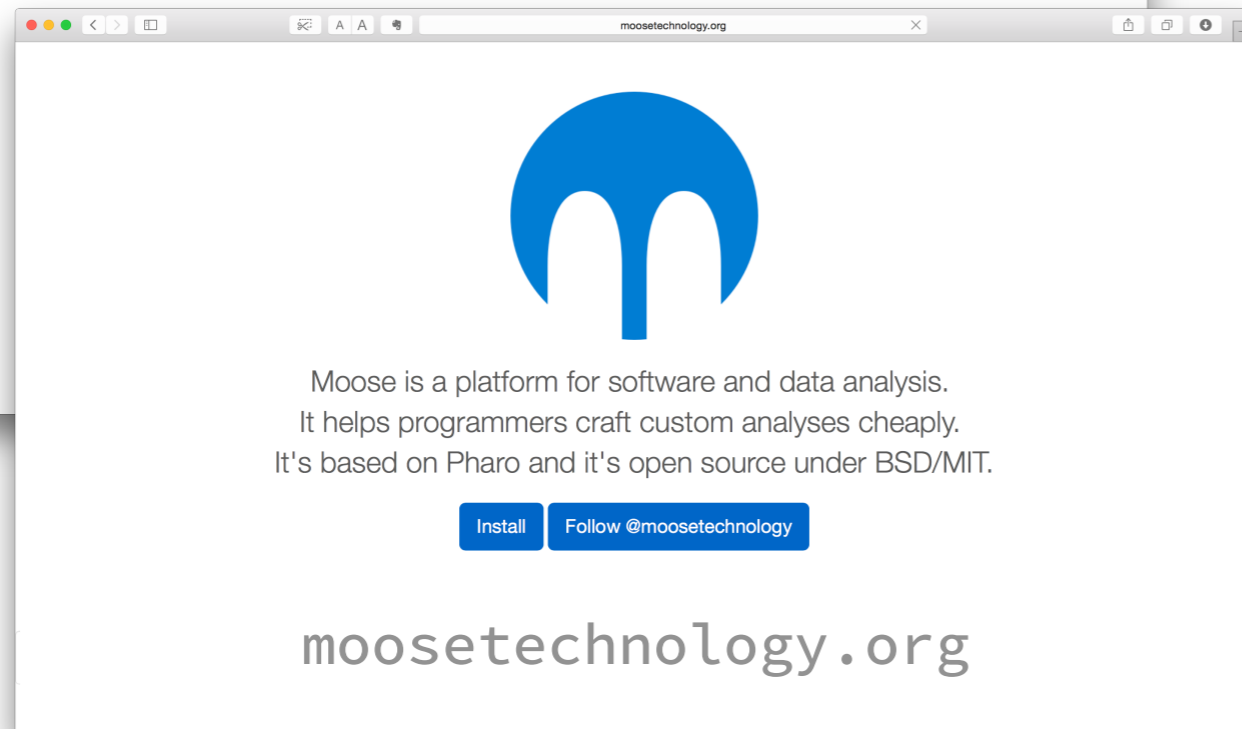
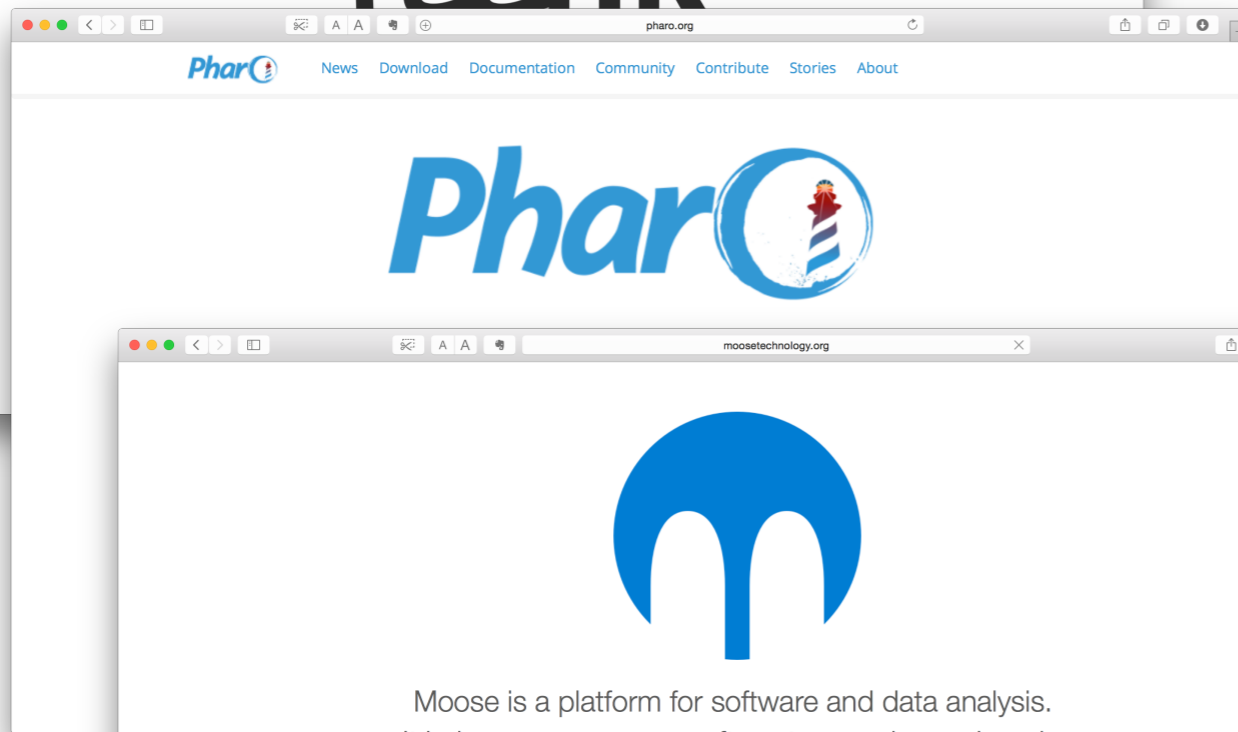
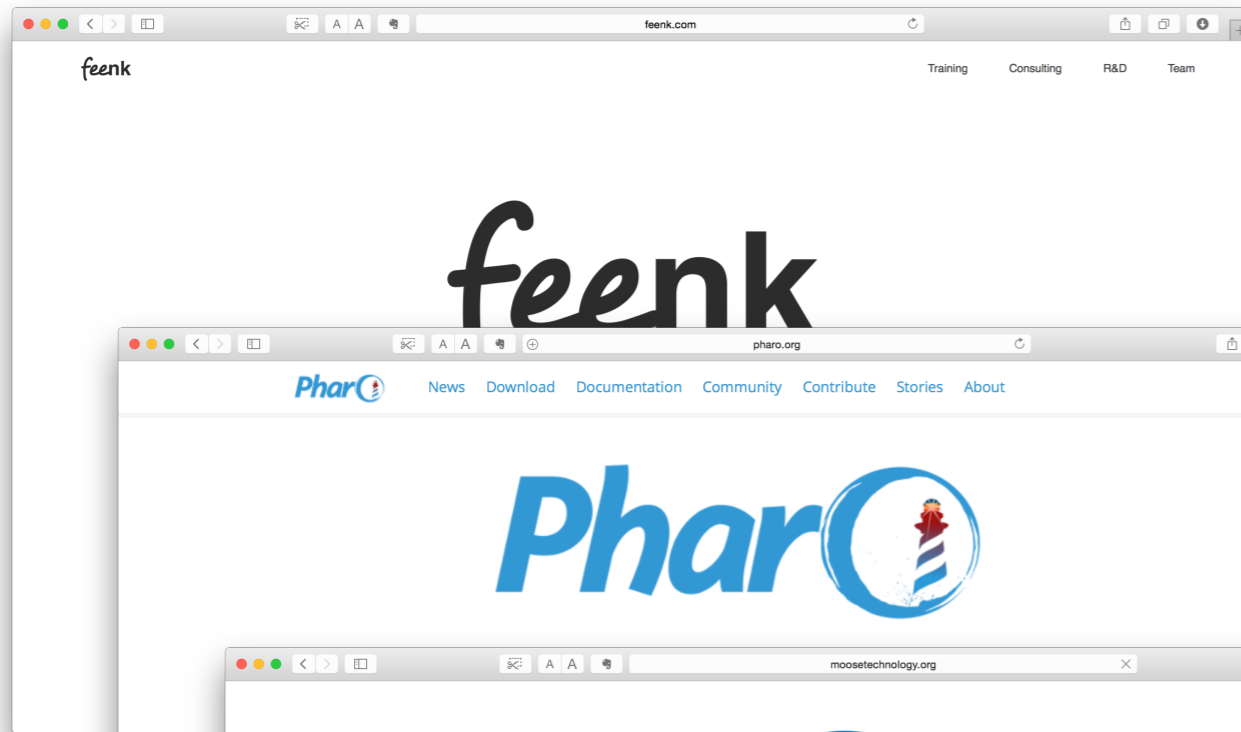
@girba



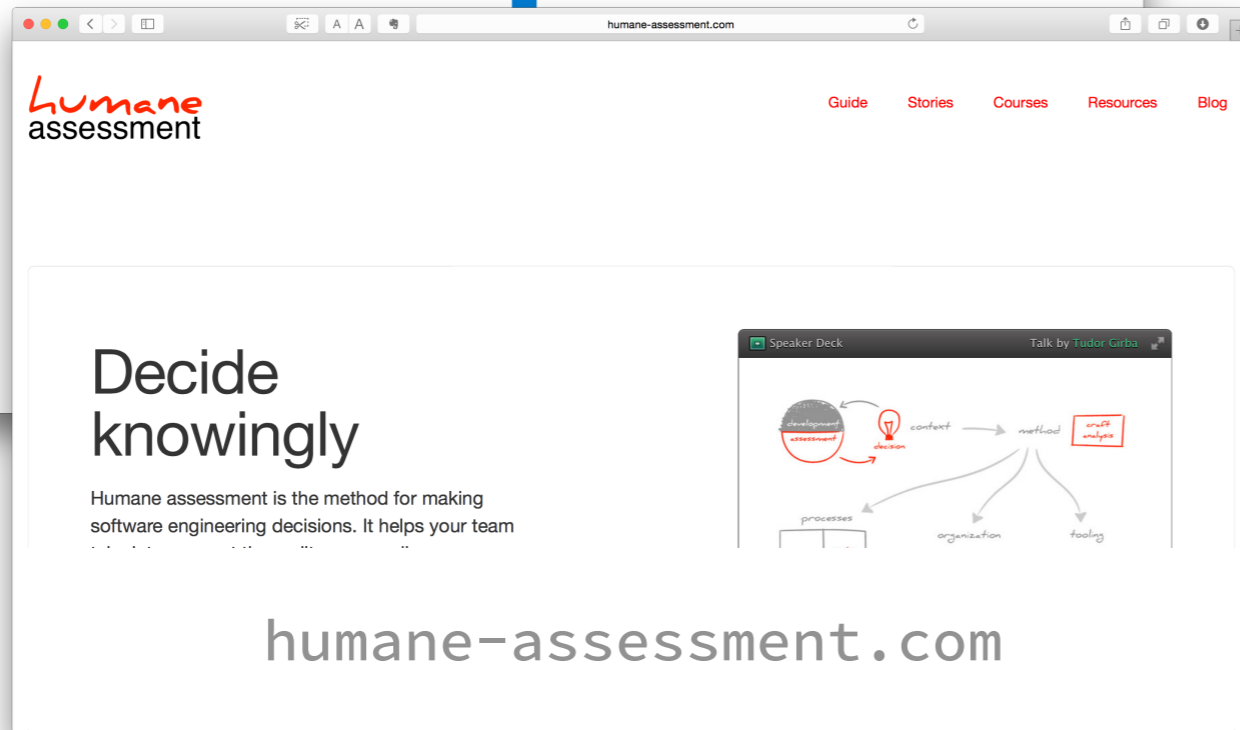
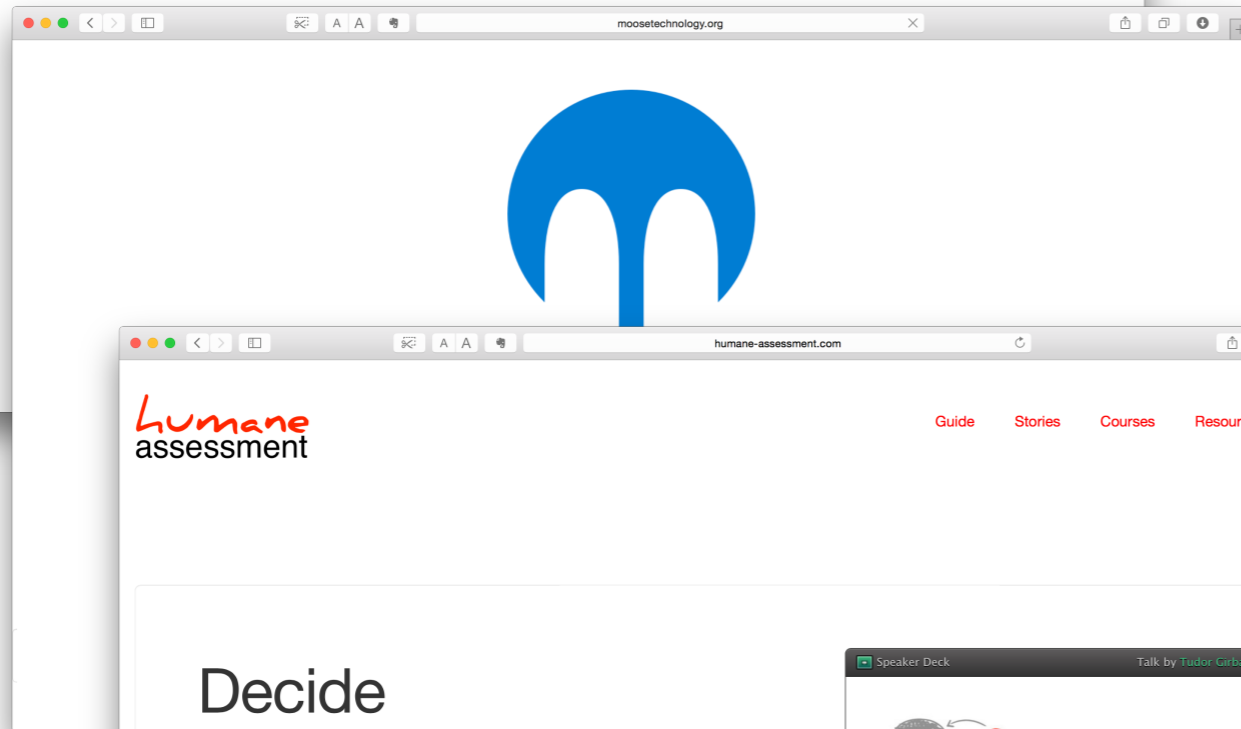
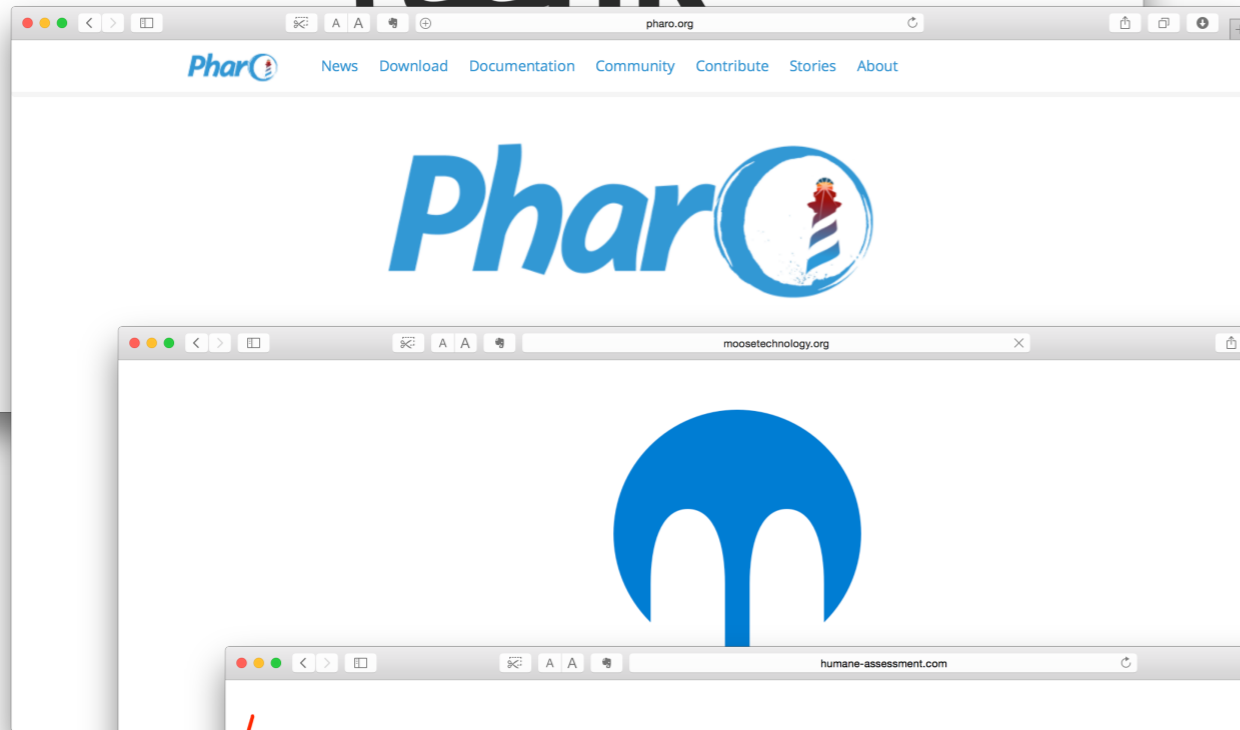
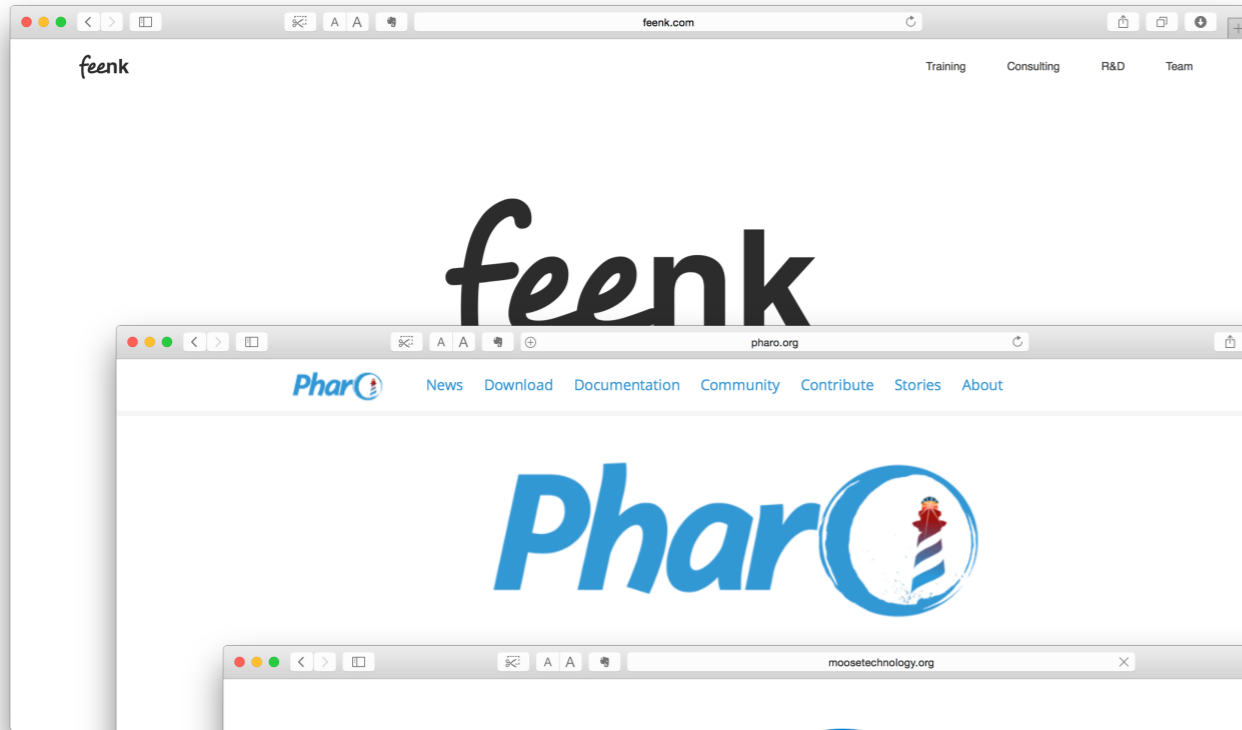
@girba



@girba



@girba



@girba

humane-assessment.com



@chis\_andrei

@girba

@jurajkubelka

@stefanreichhart

@aliakseisyrel

Playground

MessageTally on: [ XMLParserTest new benchmark3 ]

MessageTally (UndefinedObject>>#Dolt (1420))

MessageTally (XMLWellFormedParserTokenizer>>#nextTag (822))

Locations

Method	Locations
Association class>>#key:value:	48.0
XMLNestedStreamReader>>#next	48.0
WriteStream>>#nextPut:	48.0
ing(String)>>#xmlPrefixBeforeLocalName	48.0
Character>>#isXMLNameChar	48.0
ByteString(String)>>#=#	48.0
WellFormedParserTokenizer>>#nextName	48.0
ReadStream>>#next	48.0
Character>>#isXMLSeparator	48.0
OrderedCollection>>#addLast:	48.0
edParserTokenizer>>#nextAttributeValue	48.0
XMLAttribute class(Behavior)>>#new	48.0
Dictionary(HashedCollection)>>#initialize:	48.0
WriteStream>>#contents	48.0
ester(XMLElementNester)>>#endElement:	48.0
BlockClosure>>#repeat	48.0
eadStream(PositionableStream)>>#atEnd	48.0
ILNestedStreamReader>>#skipSeparators	48.0
JardOrderedDictionary)>>#xmlAt:newPut:	48.0
XMLNestedStreamReader>>#peek	48.0



Playground

MessageTally on: [ XMLParserTest new benchmark3 ]

Method	Tallies
Association class>>#key:value:	48.0
XMLNestedStreamReader>>#next	36.0
WriteStream>>#nextPut:	24.0
ing(String)>>#xmlPrefixBeforeLocalName	12.0
Character>>#isXMLNameChar	12.0
ByteString(String)>>#	12.0
WellFormedParserTokenizer>>#nextName	12.0
ReadStream>>#next	12.0
Character>>#isXMLSeparator	12.0
OrderedCollection>>#addLast:	12.0
edParserTokenizer>>#nextAttributeValue	12.0

Spotter > /folder4test > esug2015

Search

#Files 2/2

- .DS\_Store
- gtspotter-1st-prize-innovation-awards.png



Playground

MessageTally on: [ XMLParserTest new benchmark3 ]

Association class>>#key:value: 48.0  
XMLNestedStreamReader>>#next: 45.0  
WriteStream>>#nextPut: 42.0  
ing(String)>>#xmlPrefixBeforeLocalName: 38.0  
Character>>#isXMLNameChar: 35.0  
ByteString(String)>>#: 32.0  
WellFormedParserTokenizer>>#nextName: 28.0  
ReadStream>>#next: 25.0  
Character>>#isXMLSeparator: 22.0  
OrderedCollection>>#addLast: 18.0  
edParserTokenizer>>#nextAttributeValue: 15.0

Spotter /folder4test esug2015

Search

#Files 2/2

- .DS\_Store
- gtpotter-1st-prize-innovation-awards.png

debug it

Stack

- PPStream(ReadStream) next
- PPContext next
- PLLiterableObjectParser(32717312, \$+) parseOn:
- PPChoiceParser(971253248) parseOn:
- PPTrimmingParser(931396352) parseOn:
- PPSequenceParser(474157568) parseOn:
- PPPossessiveRepeatingParser(559099648) parseOn:
- PPSequenceParser(156810752) parseOn:
- PPActionParser(638427904) parseOn:

Source Production Graph Example First Follow

Stream

1+ 2 \* 3 / 4 ^ 5 \* (6 + 7)

Variables

Type	Variable	Value
implicit	self	1+ 2 * 3 / 4 ^ 5 * (6 + 7)
attribute	collection	'1+ 2 * 3 / 4 ^ 5 * (6 + 7)'
attribute	newlines	nil
attribute	position	3
attribute	readLimit	27
implicit	thisContext	PPStream(ReadStream)>>next
implicit	stack top	3

String Items Evaluator Raw Meta

Index	Item
1	\$1
2	Character space
3	\$+
4	Character space
5	\$2
6	Character space
7	\$*
8	Character space

Quick selection field. Given your INPUT, it executes: self select: [:each | INPUT]

we & tools

we ↔ tools

mcluhan / culkin

Presentation1.pptx

Home Themes Tables Charts SmartArt Transitions Animations Slide Show Review

Slides Font Paragraph Insert Format

New Slide

B I U ABC A<sup>2</sup> A<sub>2</sub> A↕ A↔ A A

Paragraph

Insert

Arrange Quick Styles

# Why ...

- Are
- Slides
- Typically
- Filled
- With
- Bullets?

Click to add notes

Normal View Slide 1 of 2 104%

Presentation1.pptx

Home Themes Tables Charts SmartArt Transitions Animations Slide Show Review

Slides Font Paragraph Insert Format

New Slide

B I U ABC A<sup>2</sup> A<sub>2</sub> A↕ A↔ A A

Click to add title

- Click to add text

Click to add notes

Normal View Slide 2 of 2 104%



**Tudor Girba**

@girba

"Developers spend some half of their time reading code." Do you agree?

10:26 PM - 8 Dec 2015



Twitter, Inc.



Search Twitter



**Tudor Girba**

@girba

"Developers spend some half of their time reading code." Do you agree?

84%

Yes

16%

No

32 votes • Final results

RETWEETS

5

LIKES

3



10:26 PM - 8 Dec 2015





Twitter, Inc.

Search Twitter

**Tudor Girba**  
@girba

"Developers spend some half of their time reading code." Do you agree?

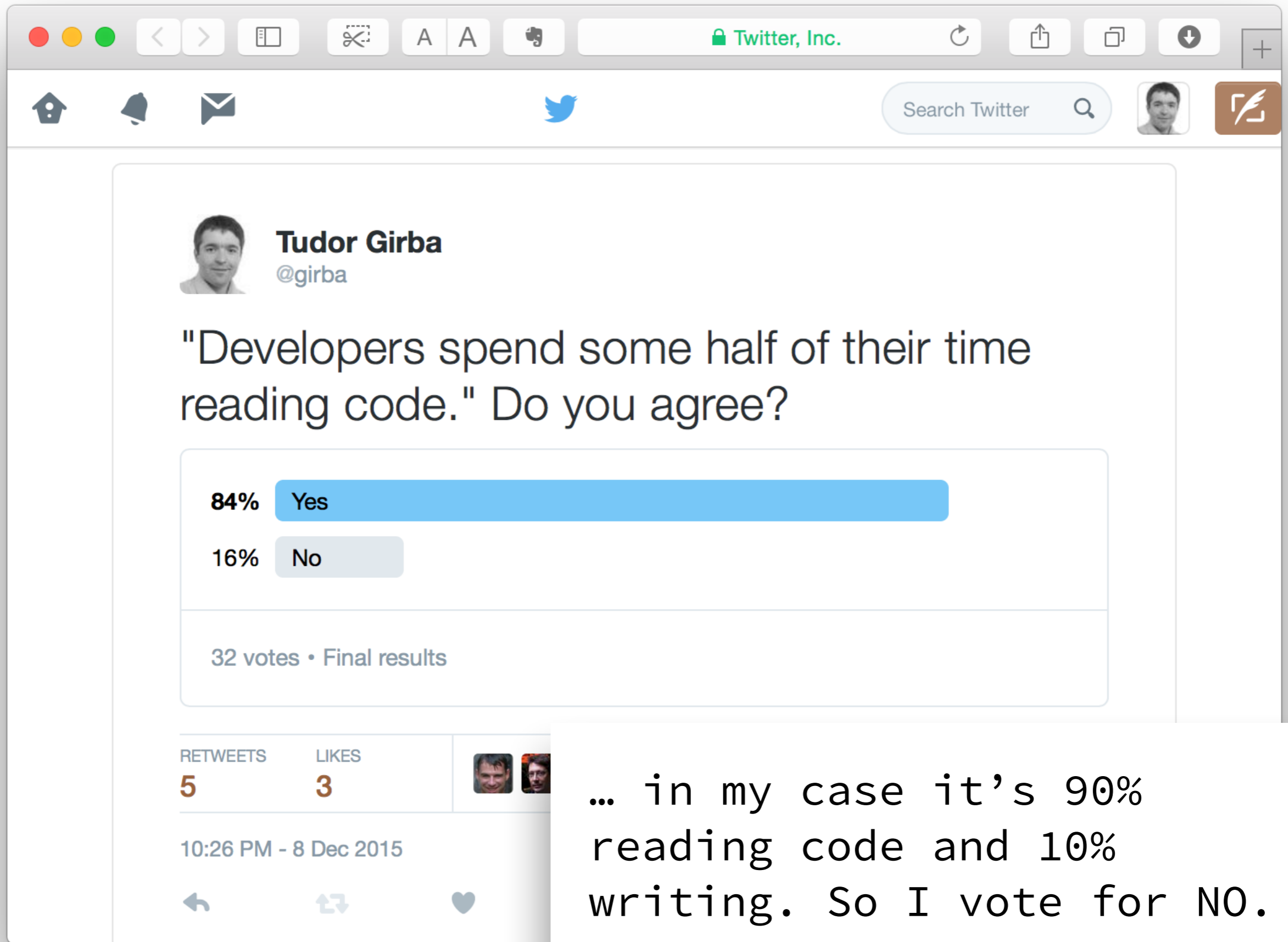
84% Yes

16% No

32 votes • Final results

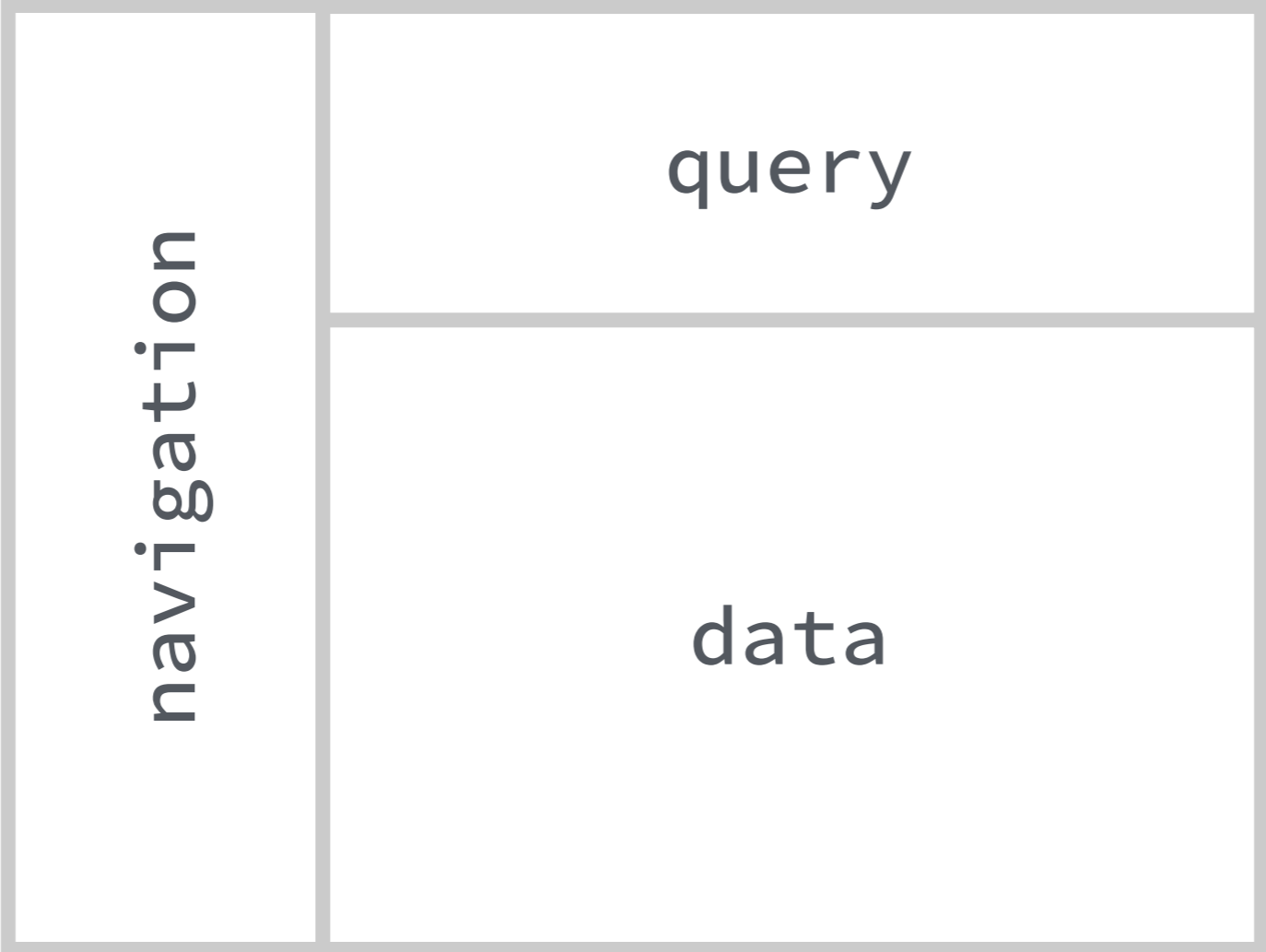
RETWEETS 5 LIKES 3

10:26 PM - 8 Dec 2015



Response	Percentage
Yes	84%
No	16%

... in my case it's 90% reading code and 10% writing. So I vote for NO.



navigation

code



nav

nav

nav

nav

code

we ↔ tools

mcluhan / culkin

Playground

MessageTally on: [ XMLParserTest new benchmark3 ]

Association class>>#key:value: 48.0  
 XMLNestedStreamReader>>#next: 48.0  
 WriteStream>>#nextPut: 48.0  
 ing(String)>>#xmlPrefixBeforeLocalName: 48.0  
 Character>>#isXMLNameChar: 48.0  
 ByteString(String)>>#: 48.0  
 WellFormedParserTokenizer>>#nextName: 48.0  
 ReadStream>>#next: 48.0  
 Character>>#isXMLSeparator: 48.0  
 OrderedCollection>>#addLast: 48.0  
 edParserTokenizer>>#nextAttributeValue: 48.0

Spotter /folder4test esug2015

Search

#Files 2/2

- .DS\_Store
- gtpspotter-1st-prize-innovation-awards.png

debug it

Stack

- PPStream(ReadStream) next
- PPContext next
- PLLiterableObjectParser(32717312, \$+) parseOn:
- PPChoiceParser(971253248) parseOn:
- PPTrimmingParser(931396352) parseOn:
- PPSequenceParser(474157568) parseOn:
- PPPossessiveRepeatingParser(559099648) parseOn:
- PPSequenceParser(156810752) parseOn:
- PPActionParser(638427904) parseOn:

Source Production Graph Example First Follow

Stream

1+ 2 \* 3 / 4 ^ 5 \* (6 + 7)

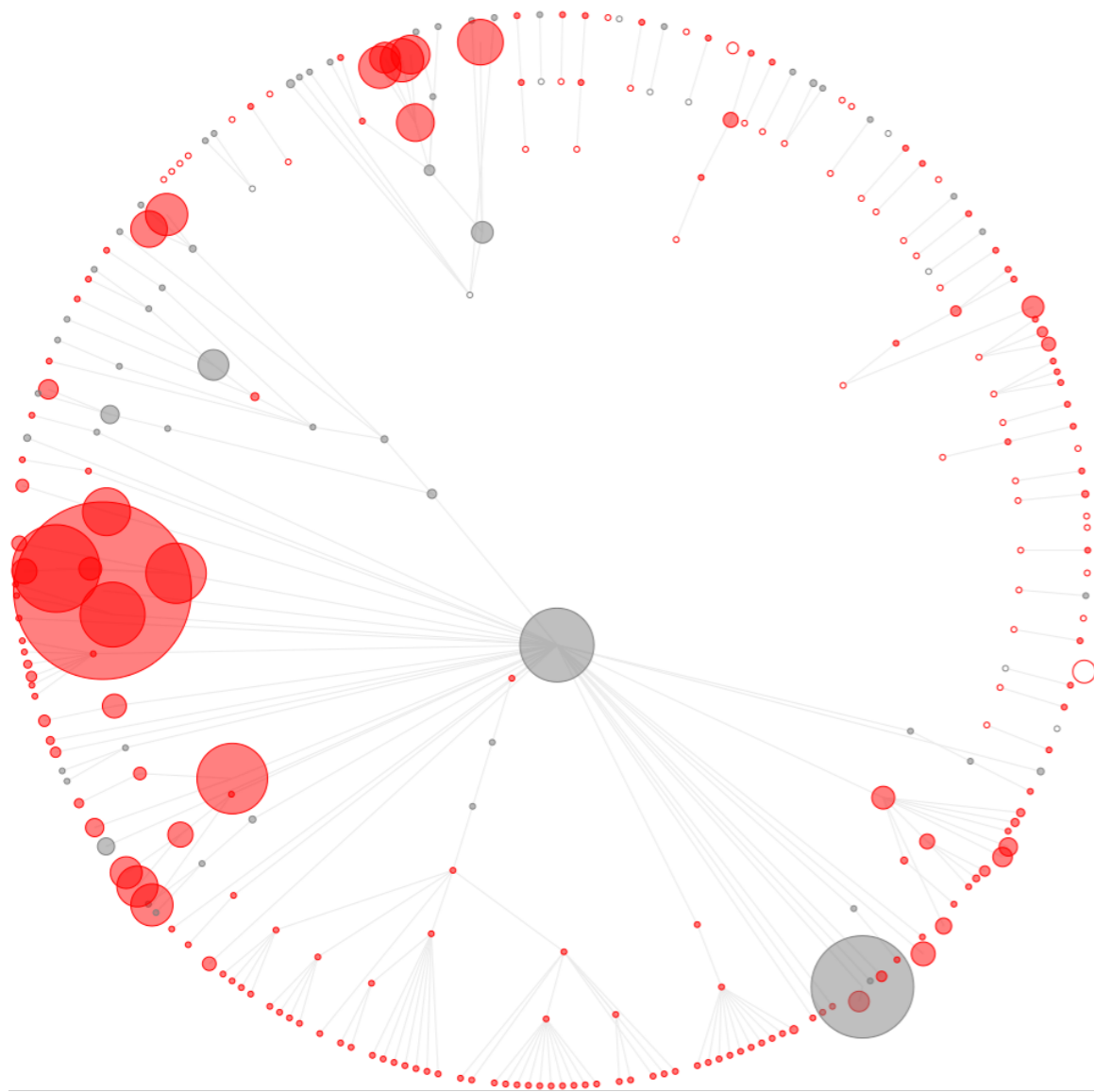
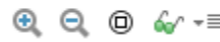
Variables

Type	Variable	Value
implicit	self	1+ 2 * 3 / 4 ^ 5 * (6 + 7)
attribute	collection	'1+ 2 * 3 / 4 ^ 5 * (6 + 7)'
attribute	newlines	nil
attribute	position	3
attribute	readLimit	27
implicit	thisContext	PPStream(ReadStream)>>next
implicit	stack top	3

String Items Evaluator Raw Meta

Index	Item
1	\$1
2	Character space
3	\$+
4	Character space
5	\$2
6	Character space
7	\$*
8	Character space

Quick selection field. Given your INPUT, it executes: self select: [:each | INPUT]







Trees Classes Raw Meta

Methods Variables Raw Meta



Playground

MessageTally on: [ XMLParserTest new benchmark3 ]

Method	Tallies
Association class>>#key:value	48.0
XMLNestedStreamReader>>#next	48.0
WriteStream>>#nextPut	48.0
ing(String)>>#xmlPrefixBeforeLocalName	48.0
Character>>#isXMLNameChar	48.0
ByteString(String)>>#	48.0
WellFormedParserTokenizer>>#nextName	48.0
ReadStream>>#next	48.0
Character>>#isXMLSeparator	48.0
OrderedCollection>>#addLast	48.0
edParserTokenizer>>#nextAttributeValue	48.0

Spotter /folder4test esug2015

Search

#Files 2/2

- .DS\_Store
- gtpotter-1st-prize-innovation-awards.png

debug it

Stack

- PPStream(ReadStream) next
- PPContext next
- PPLiteralObjectParser(32717312, \$+) parseOn:
- PPChoiceParser(971253248) parseOn:
- PPTrimmingParser(931396352) parseOn:
- PPSequenceParser(474157568) parseOn:
- PPPossessiveRepeatingParser(559099648) parseOn:
- PPSequenceParser(156810752) parseOn:
- PPActionParser(638427904) parseOn:

Source Production Graph Example First Follow

Stream

1+2\*3/4^5\*(6+7)

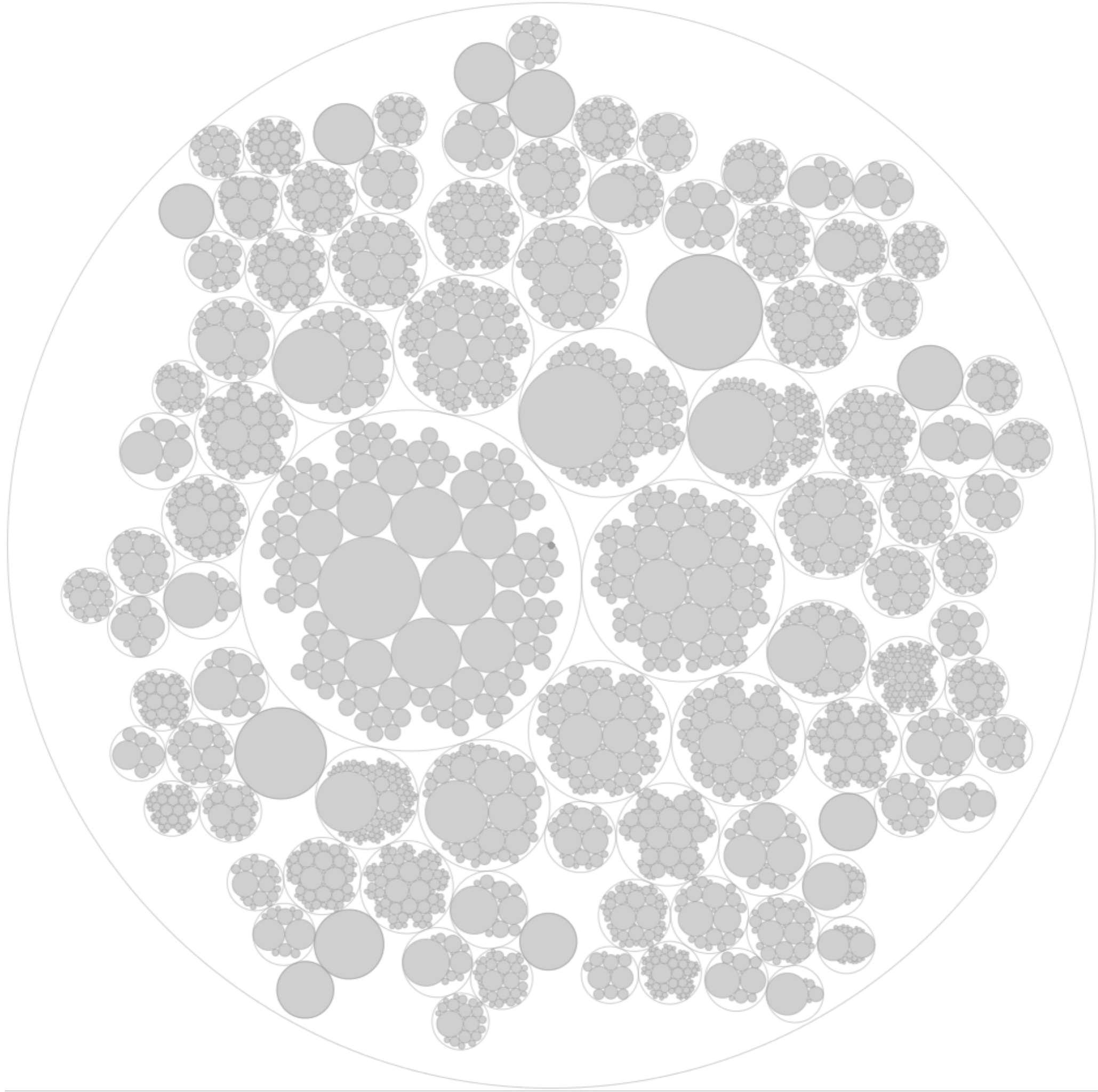
Variables

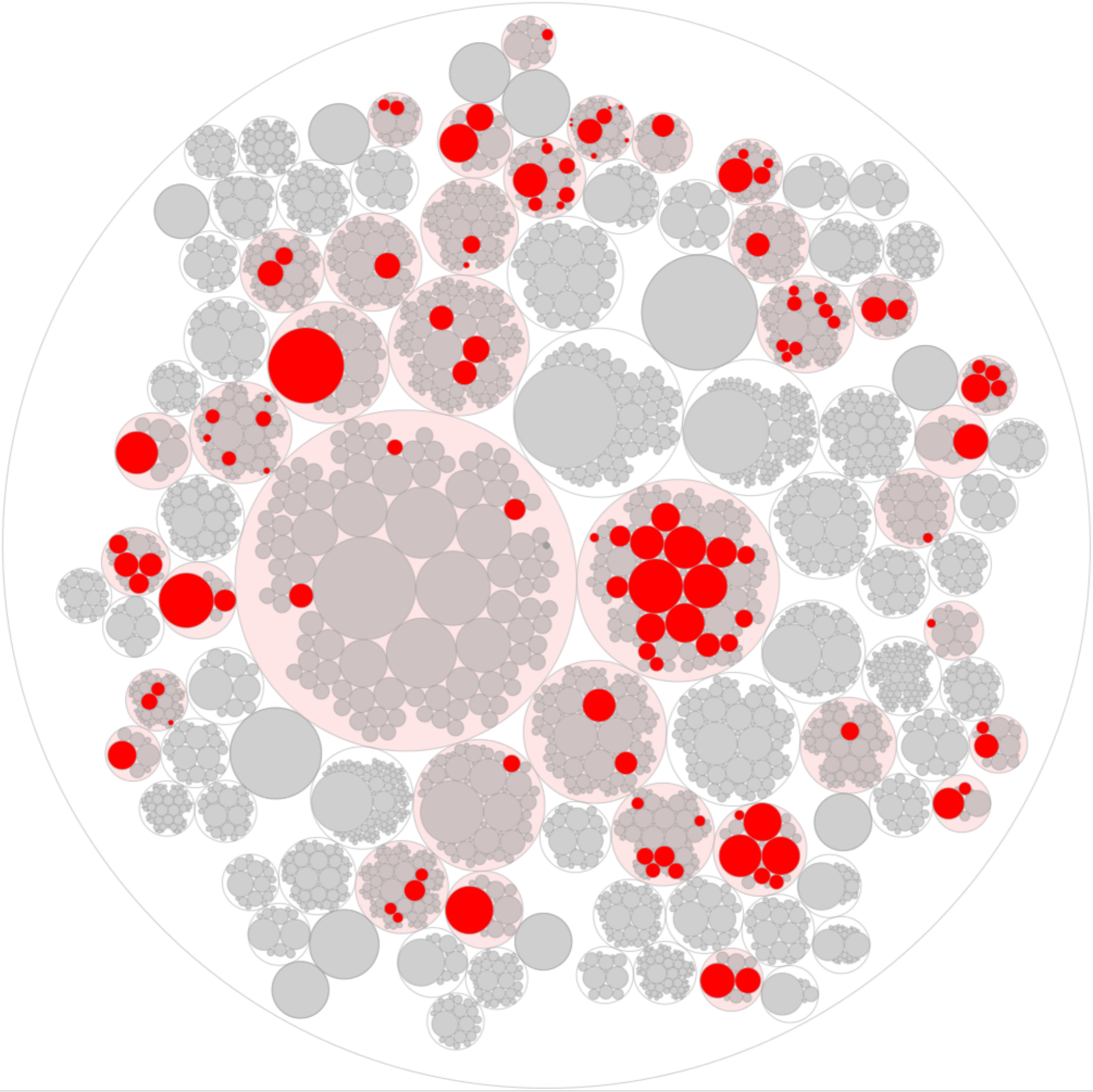
Type	Variable	Value
implicit	self	1+2*3/4^5*(6+7)
attribute	collection	'1+2*3/4^5*(6+7)'
attribute	newlines	nil
attribute	position	3
attribute	readLimit	27
implicit	thisContext	PPStream(ReadStream)>>next
implicit	stack top	3

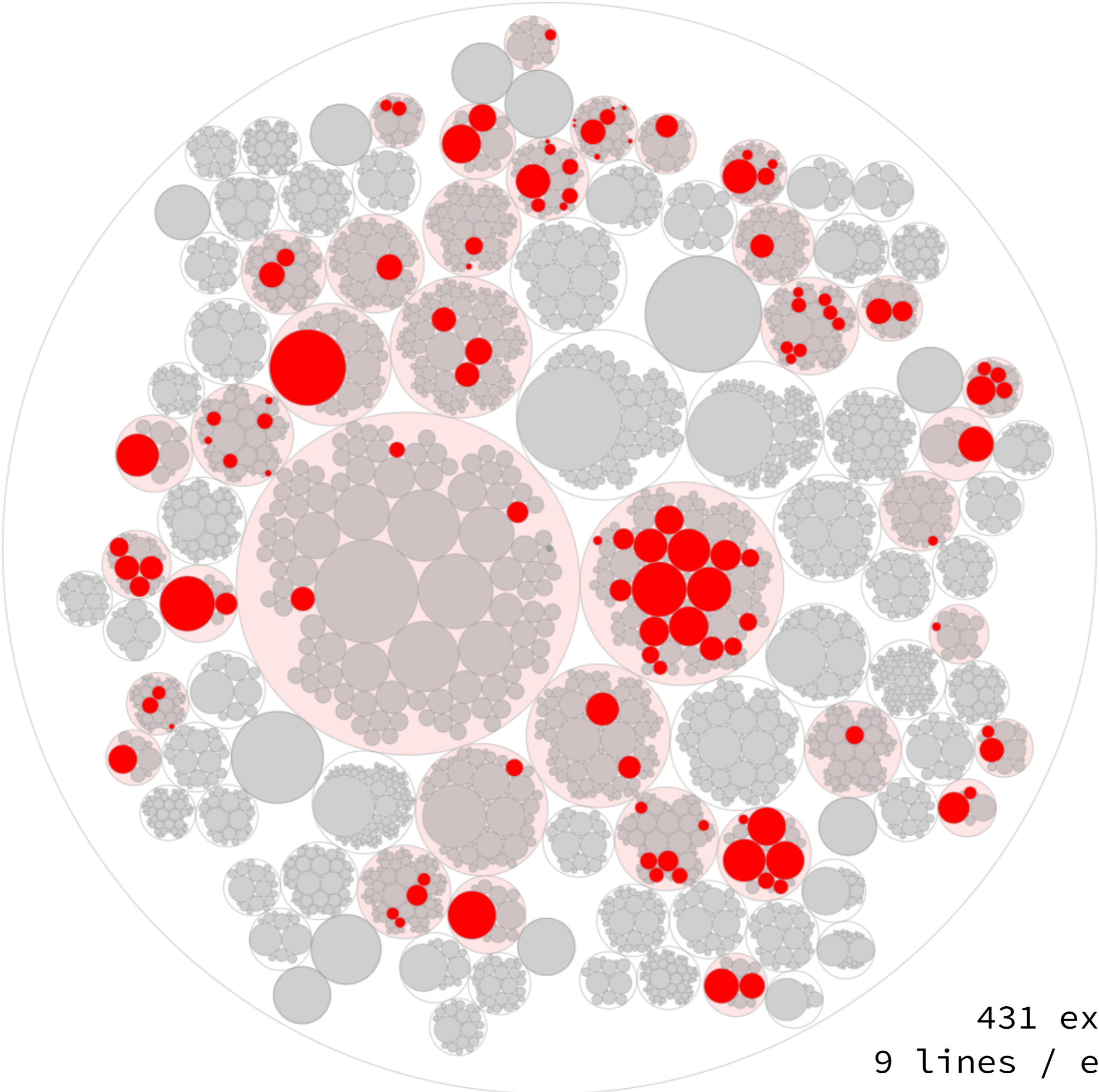
String Items Evaluator Raw Meta

Index	Item
1	\$1
2	Character space
3	\$+
4	Character space
5	\$2
6	Character space
7	\$*
8	Character space

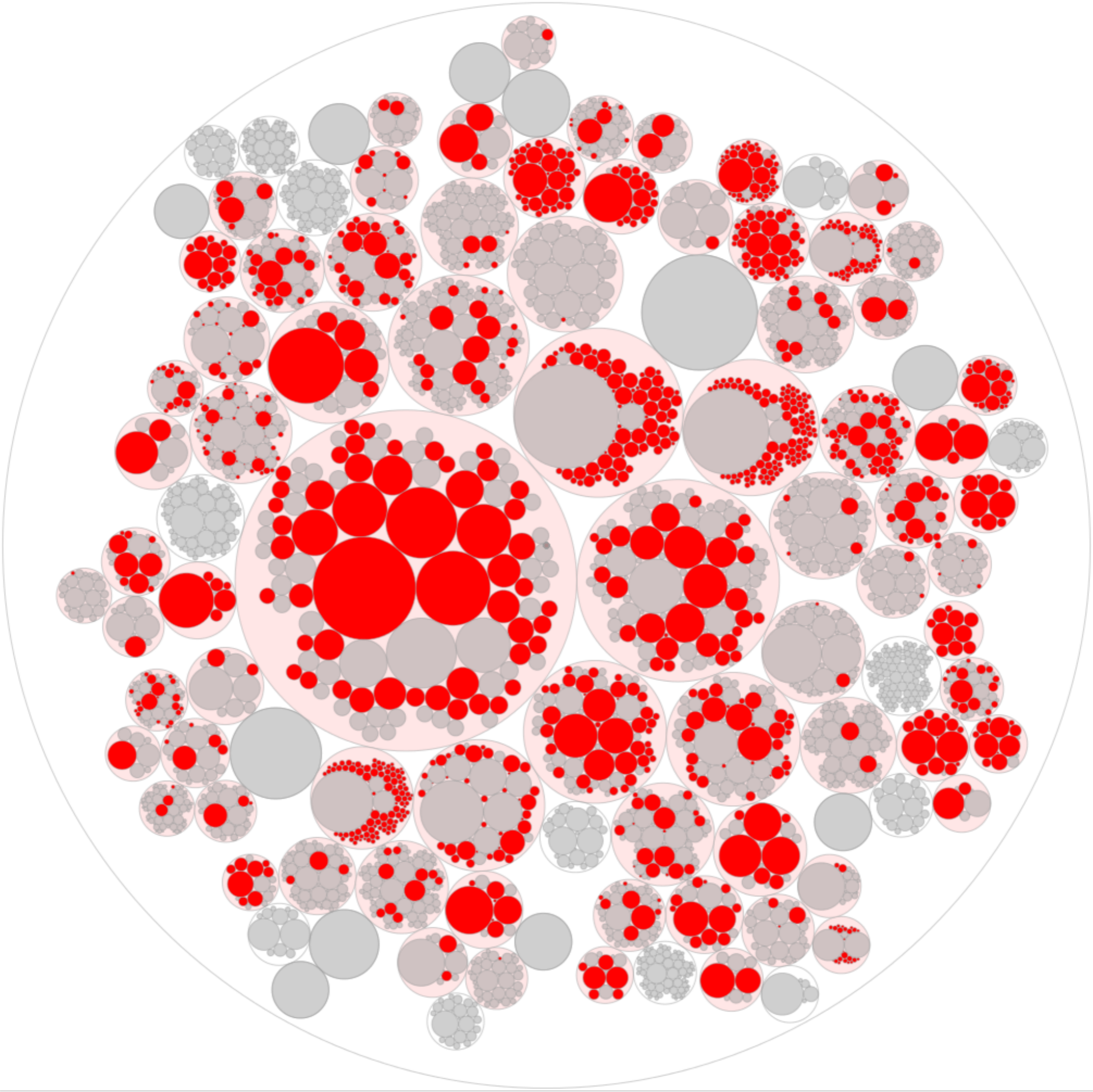
Quick selection field. Given your INPUT, it executes: self select: [:each | INPUT]

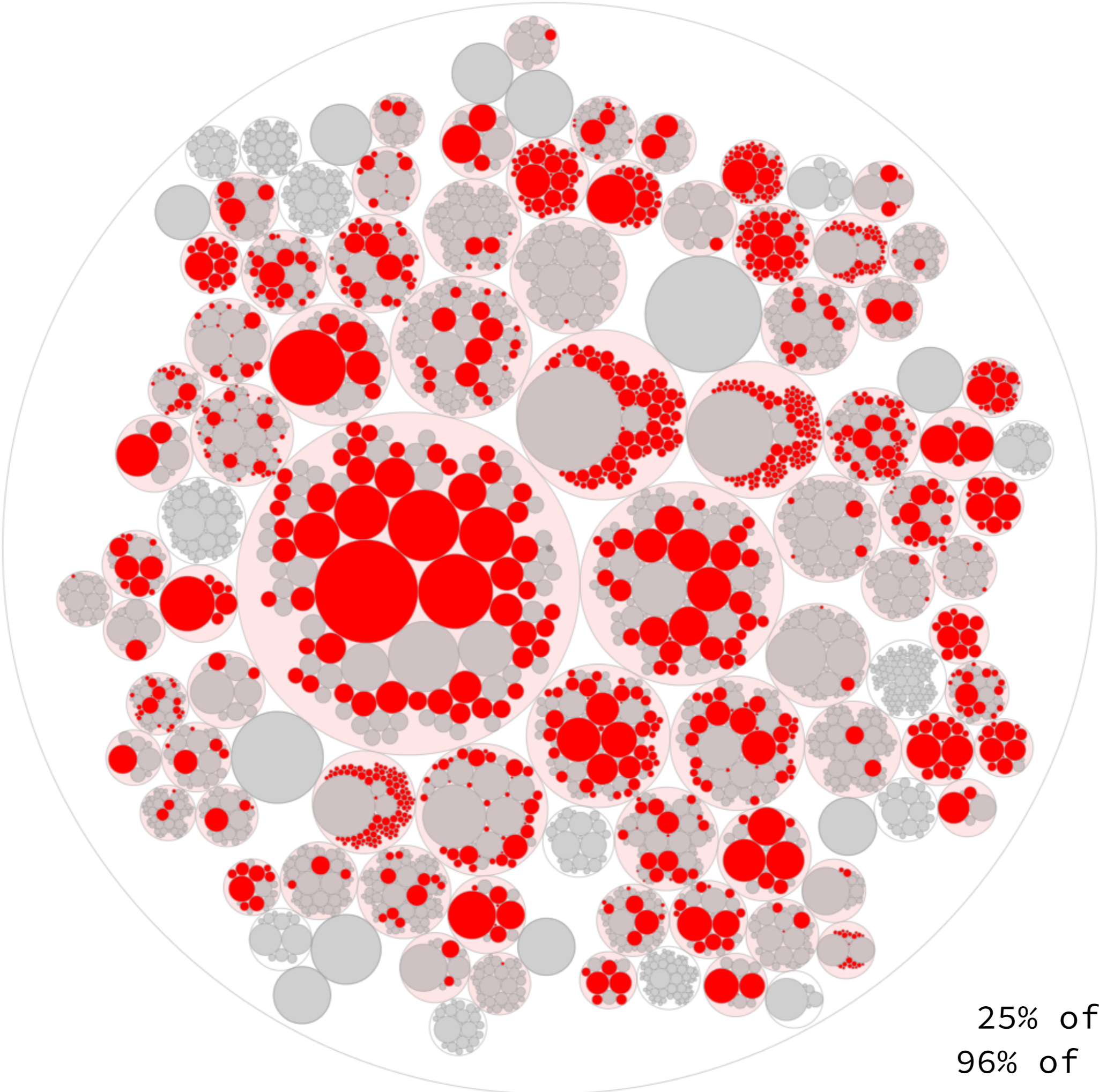






431 extensions  
9 lines / extension





25% of classes  
96% of packages

Playground

MessageTally on: [ XMLParserTest new benchmark3 ]

Method	Tallies
Association class>>#key:value	48.0
XMLNestedStreamReader>>#next	48.0
WriteStream>>#nextPut	48.0
ing(String)>>#xmlPrefixBeforeLocalName	48.0
Character>>#isXMLNameChar	48.0
ByteString(String)>>#	48.0
WellFormedParserTokenizer>>#nextName	48.0
ReadStream>>#next	48.0
Character>>#isXMLSeparator	48.0
OrderedCollection>>#addLast	48.0
edParserTokenizer>>#nextAttributeValue	48.0

Spotter /folder4test esug2015

Search

#Files 2/2

- .DS\_Store
- gtspotter-1st-prize-innovation-awards.png

debug it

Stack

- PPStream(ReadStream) next
- PPContext next
- PLLiterableObjectParser(32717312, \$+) parseOn:
- PPChoiceParser(971253248) parseOn:
- PPTrimmingParser(931396352) parseOn:
- PPSequenceParser(474157568) parseOn:
- PPPossessiveRepeatingParser(559099648) parseOn:
- PPSequenceParser(156810752) parseOn:
- PPActionParser(638427904) parseOn:

Source Production Graph Example First Follow

Stream

1+ 2 \* 3 / 4 ^ 5 \* (6 + 7)

Variables

Type	Variable	Value
implicit	self	1+ 2 * 3 / 4 ^ 5 * (6 + 7)
attribute	collection	'1+ 2 * 3 / 4 ^ 5 * (6 + 7)'
attribute	newlines	nil
attribute	position	3
attribute	readLimit	27
implicit	thisContext	PPStream(ReadStream)>>next
implicit	stack top	3

String Items Evaluator Raw Meta

Index	Item
1	\$1
2	Character space
3	\$+
4	Character space
5	\$2
6	Character space
7	\$*
8	Character space

Quick selection field. Given your INPUT, it executes: self select: [:each | INPUT]



System Transcript

Snapshot at: (31 May 1983 10:37:52 am )

System Workspace

The Smalltalk-80™ System Version 2  
Copyright (c) 1983 Xerox Corp.  
All rights reserved.  
**Create File System**  
Disk ← AltoFileDirectory new.

System Browser

- Graphics-Views
- Graphics-Editors
- Graphics-Support
- Kernel-Objects**
- Kernel-Classes
- Kernel-Methods
- Kernel-Processes
- Kernel-Support

- Boolean
- False
- Object
- True**
- UndefinedObject
- instance
- class

- logical operation
- controlling**
- printing

- and:**
- ifFalse:
- ifFalse:ifTrue:
- ifTrue:
- ifTrue:ifFalse:
- or:

**and: alternativeBlock**  
 "Nonevaluating conjunction -- answer the value of alternativeBlock since the receiver is true."  
 ↑alternativeBlock value



@chis\_andrei

@girba

@jurajkubelka

@stefanreichhart

@aliakseisyrel