



seaside





**1**

**Google Bug  
Tracker**



**5**

**Average  
Minutes on Site**



6

**Supported Smalltalk  
Platforms**



80

**Subscribers to  
seaside-dev List**



**111**

**Facebook Group  
Members**



**2550**

**Unique Visitors  
per Day**





**8000**

**Subscribers to  
seaside List**



# 10K

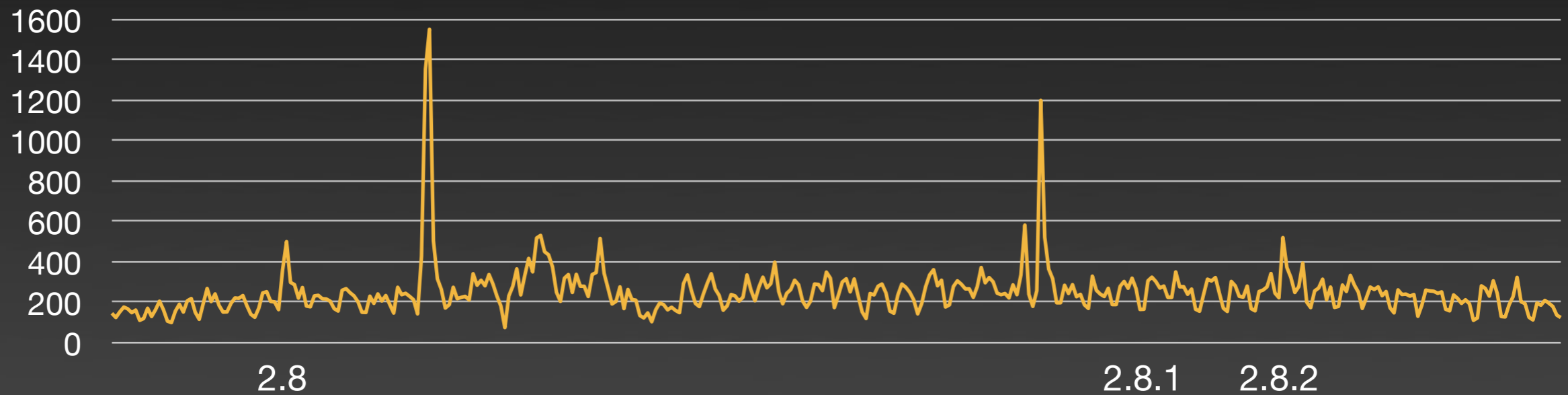
**One-Click Image  
Downloads**



One-Click Image



April 1<sup>st</sup>



# Visitors per Day Aug 2007 – Aug 2008





# Platforms



**Squeak**

new

PharO

The word "PharO" is rendered in a blue, 3D-style font. The letter "O" is a large circle that acts as a lens, containing a stylized lighthouse with a red and white spiral body and a glowing orange light at the top.

**new**



**GNU Smalltalk**



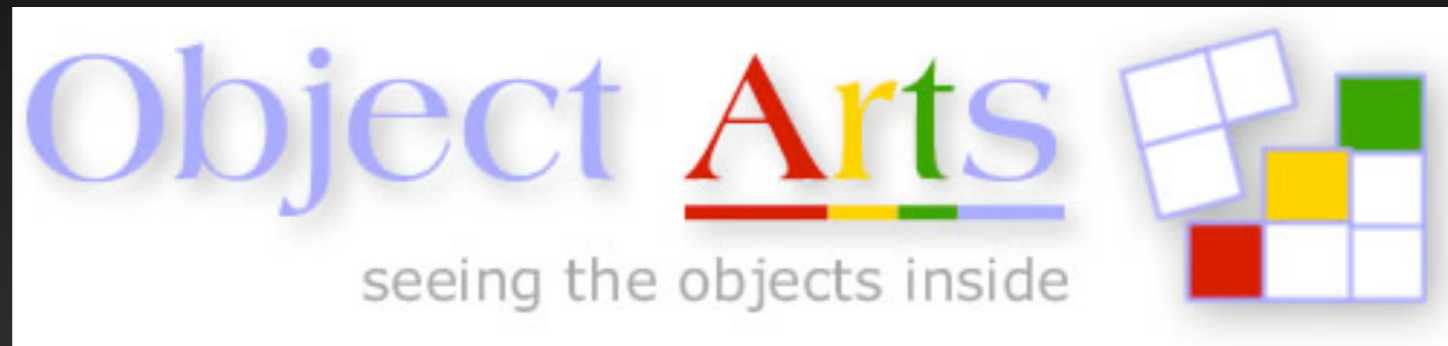


**Smalltalk**



GEMSTONE<sup>®</sup>

**GemStone/S**



# Dolphin Smalltalk

SOON



**VisualAge Smalltalk**



# Porter

**Thank You!**



**Portability**



**Syntax**



**no**

**Underscore**

**Assagissements**

a\_1  
b ← 2

**no**

# Brace Arrays

{ 1. 2. 1 + 2 }

**no**

# Array Constructors

```
#[ 'string', 123, Object new ]
```

no

Byte Arrays

```
#[ 1 2 3 ]
```

**no**

# Variable Bindings

{Smalltalk.Object}

no

# Selection Blocks

```
{:i | i.is.permanent}
```

# no

ifNotNil: [ :x | ... ]

ifNotNilDo: [ :x | ... ]

ok

Pragma

`<javascript: 1.5>`



# Collections



no

Collection>>#=#

no

#withIndexDo:

yes

```
#keysAndValuesDo:
```

no

#pairsDo:

# yes

1

to: aCollection size

by: 2 do: [ :i | ... ]

# Strings



no

Symbol is a String



no

#match:

no

#asString

no

#displayString

Yes

#toString

**no**

**No IO**





# Slime

Lint Tests  
for Seaside



# 6

**Rules to detect  
Portability Issues**





a\_1.  
~~~~~



b := { a + 2.3 }.  
~~~~~



c pairsDo: [ :a :b | a raisedTo: b ]  
~~~~~



# 6

**Rules to detect  
Bugs**

html div



```
with: 'Hello World';  
id: 'message'.
```

html updater

```
id: 'message';
```



```
callback: [ :r | html text: 'Bye' ]
```



**4**

**Rules to detect  
Possible Bugs**

renderContentOn: html



a := self call: WACounter new

**4**

**Rules to detect  
Miscellaneous  
Problems**





html div with: 'Hi'.  
~~~~~



html div: [ html text: 'Hi' ].  
~~~~~

html anchor



callback: [ self a. self b. self c ];  
~~~~~  
with: 'It's Complicated'





# Unit Tests

150

100

50

0

Seaside 2.5

Seaside 2.6

Seaside 2.7

Seaside 2.8

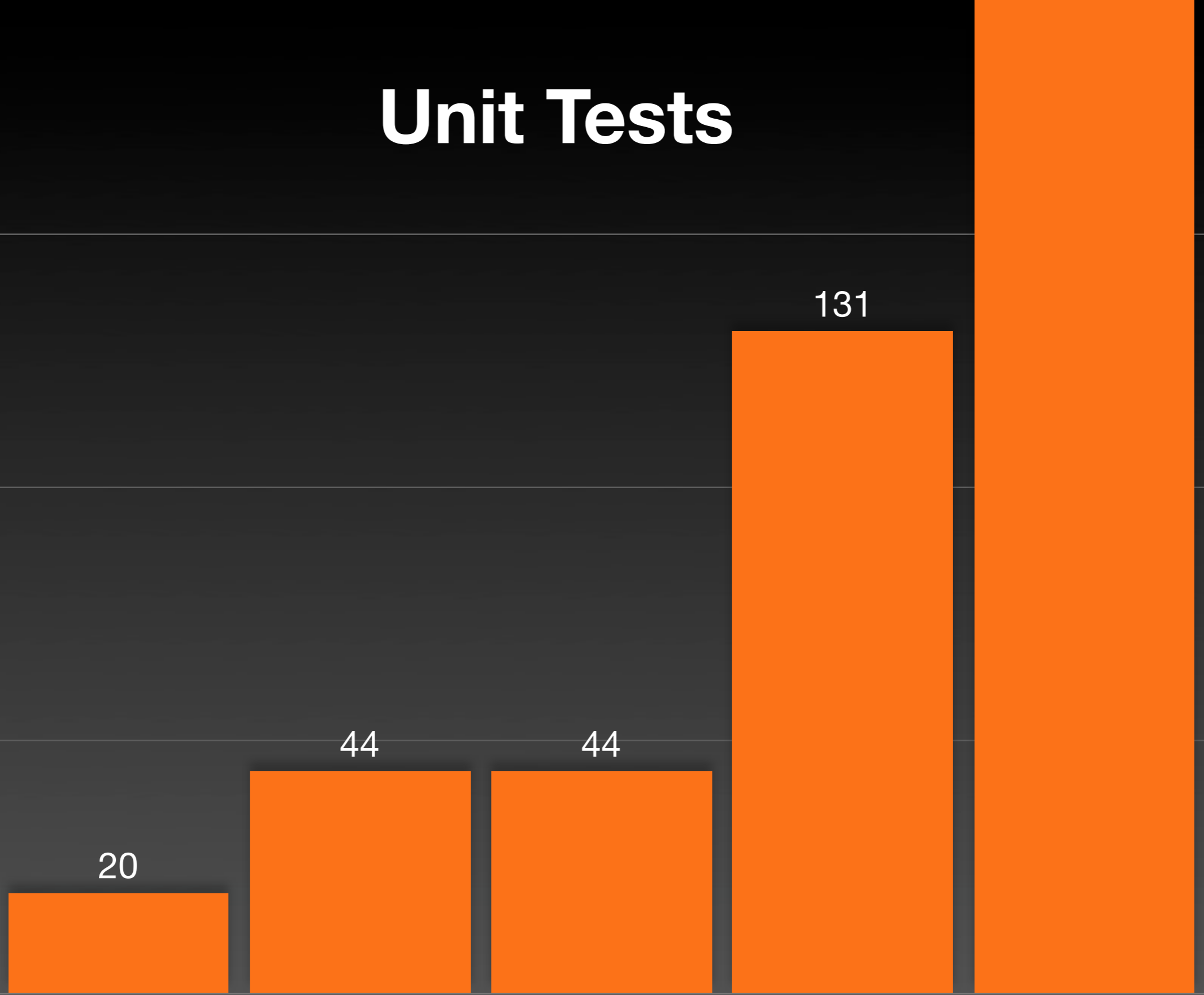
Seaside 2.9

20

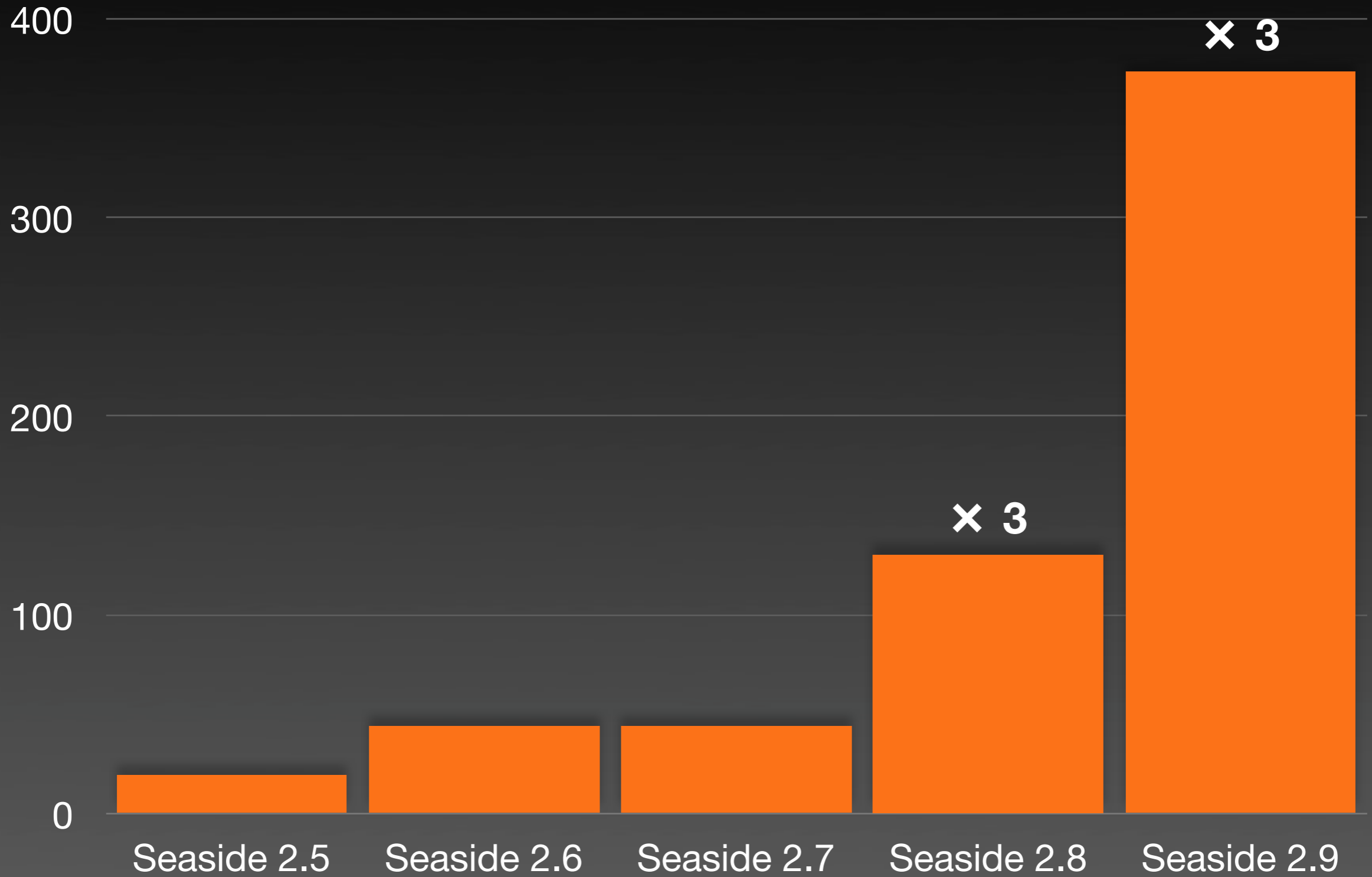
44

44

131



# Unit Tests





# Source Format



**no**

**Interchange  
Formats**

yes

**Monticello**

## Target System

		Target System				
		Squeak	Cincom	GemStone	GST	Dolphin
Source System	Squeak	<b>yes</b>	<b>yep</b>	<b>yes</b>	<b>yep</b>	<b>yep</b>
	Cincom	<b>no</b>	<b>yes</b>	<b>?</b>	<b>no</b>	<b>no</b>
	GemStone	<b>yes</b>	<b>?</b>	<b>yes</b>	<b>no</b>	<b>no</b>
	GST	<b>no</b>	<b>no</b>	<b>no</b>	<b>yes</b>	<b>no</b>
	Dolphin	<b>no</b>	<b>no</b>	<b>no</b>	<b>no</b>	<b>yes</b>

yes

**Monticello 2**



# Platform Support



**no**

**SPORT**

Yes

SeasidePlatformSupport

**Small and Lean**

WVA

seaside  Namespace

# Packaging





# Dream Vendor

# Continuous Integration



**Use a public  
bug tracker**

# Implement Monticello 2

**Provide a full  
stack solution**

# Support Multi CPU

# 海边

I18N

**Provide a  
better GUI**





# Seaside Sprint



# When?

Friday, August 29, 2008 at 14:00

Sunday, August 31, 2008

# Who?

Core, Library Developer  
Porter and Vendors

# What?

Towards Seaside 2.9

Where?

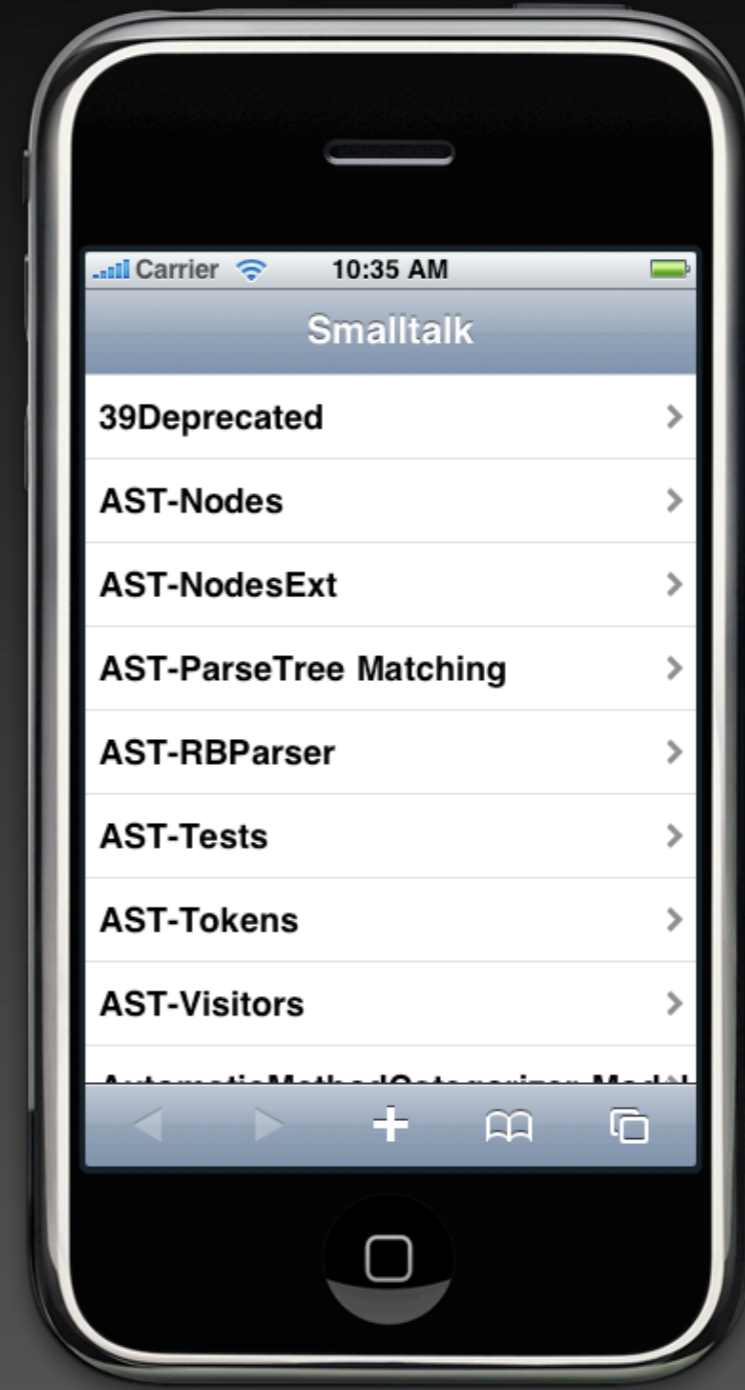




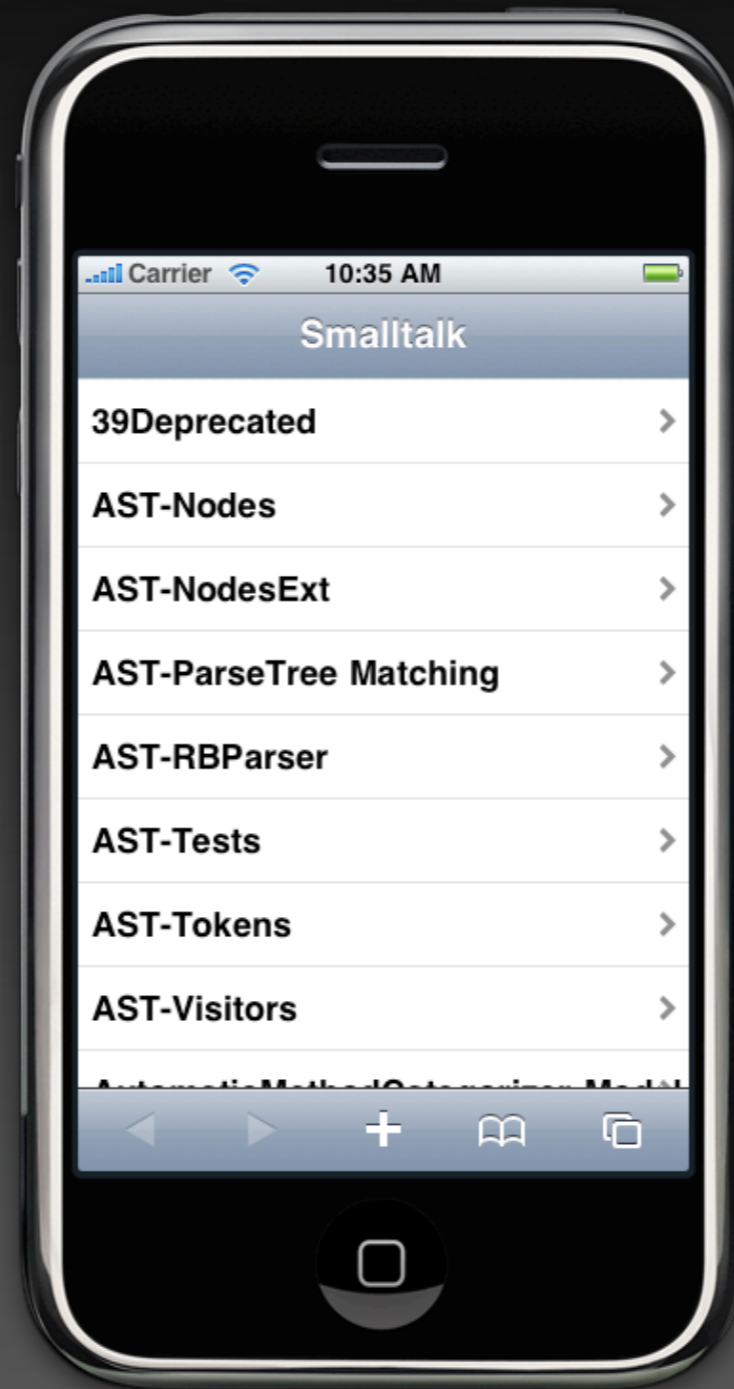
# Pier



# Smalltalk



[source.lukas-renggli.ch/isea](http://source.lukas-renggli.ch/isea)



seaside



[www.seaside.st](http://www.seaside.st)  
[www.lukas-renggli.ch](http://www.lukas-renggli.ch)