



Redline Smalltalk - Melbourne JVM User Group - James Ladd - Feb 2013
<http://redline.st> [@redline_st](https://twitter.com/redline_st) [@jamesladd](https://twitter.com/jamesladd) <http://jamesladdcode.com>
<http://www.indiegogo.com/smalltalk>



I'm a
Redliner

Introduction

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Introduction

▫ Who am I?

- James Ladd
- Developing Software 30 Years
- Lover not a fighter
- I'm a Redliner



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Introduction

- Who am I?



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Introduction

▫ What is this talk about?



- Why Smalltalk?
- Why the Java Virtual Machine
- What is Redline Smalltalk
- Demo
- Plea for your Support
- Questions



Why Smalltalk?

- Well



Smalltalk is GREAT

Why Smalltalk?

- It is **VERY** productive
- It is flexible
- Simple and Pure

- EASY TO LEARN



Why Smalltalk?

Simple expression syntax:

- receiver message[: argument]



Why Smalltalk?

Simple expression syntax:

receiver message[: argument]

1 + 1

calendar at: date put: event

vote increment

Why Smalltalk?

Simple expression syntax:

receiver **message[: argument]**

1 + 1

calendar **at: date put: event**

vote increment

Why Smalltalk?

Simple expression syntax:

(account negativeBalance)

□ ifTrue: [self signal: error].

Why Smalltalk?

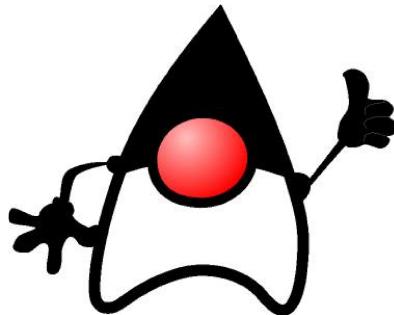
Simple expression syntax:

Smalltalk ❤️
ifTrue: [car honk]

Why the JVM?

It is Everywhere

- Is is very good.



Many Companies Only Run The JVM!



What is Redline Smalltalk?

Smalltalk-80 on JVM

- Compiles source to bytecode
- on the fly.

But Why?

JVM = More Smalltalkers



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But Why?

Happy DevOps



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Our Goal



Reinvigorate Smalltalk

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Redline Smalltalk

Removing Barriers =
Use the tools you are used to





What is Redline Smalltalk?

Example source for Class: Object.st

```
ProtoObject < #Object.  
  
+ initialize  
    "Subclasses should redefine this method to perform  
     initializations on Class creation"  
  
"evaluating"  
  
- yourself  
    ^ self.
```



What is Redline Smalltalk?

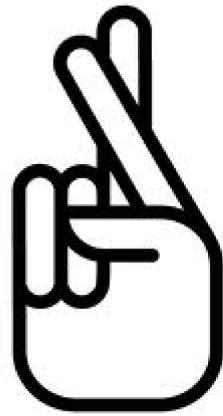
Example source for Web App: Web.st

```
self import: 'st.redline.stout.Stout'.  
  
Stout < #Web.  
  
- route  
    self onGet: '/' do: [ 'Web Hello World' ].
```

Seriously that is all there is too it!



Demo of Redline Smalltalk?



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Please Support Redline



Fork on Github

- Contribute to Campaign:
- www.indiegogo.com/smalltalk



Our Promise:

Our promise is to provide you with high quality Smalltalk to enjoy every day. If you are not 100% satisfied, let us know and we will happily try to improve.

NUTRITION INFORMATION:

Servings per package: Endless

Serving size: Minimal

	% Daily Intake* Per Serving
Smalltalk	100%
Java Byte Code	100%
- Java integration	100%
Fat, total	0%

Note: All values are considered averages unless otherwise indicated and relate to uncooked product.

* Smalltalk is naturally a source of productivity.

Ingredients:

Smalltalk, for the Java Virtual Machine.

Storage:

Download and keep on disk. Do not delete, if downloaded try within 24 hours.



BEST BEFORE TOMORROW

Information:

Product of Australia.

Redline Smalltalk is open source and free.



Please
Share

QUESTIONS?