



# A look at Smalltalk

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# Smalltalk

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- Simple but not trivial
- used for building **complex and large systems**
  - Banques
  - UPS tracking system
  - AMD weaving chain
  - Automation system (frites)
- Smalltalk
  - pure, simple, powerfull
  - Java but more elegant, simpler
  - inventeur a reçu deux prix Nobel en 2004



S.Ducasse

In de praktijk kies je vo



# Bibliographie

- ***Smalltalk by Example***, Sharp
- ***Squeak by Example***, by black et al.
- <http://www.squeakbyexample.org>
- <http://stephane.ducasse.free.fr/FreeBooks.html>
- <http://www.squeak.org/>
- <http://pharo.gforge.inria.fr>



# Java Expert?

**Simple Java: 2 classes, 2 methods, 2 instances...**

```
class A {  
    void m(A a) { println("A.m(A)"); }  
}  
class B extends A {  
    void m(B b) { println("B.m(B)"); }  
}
```

```
B b = new B(); A a = b;
```

*What are the results of the invocations? and why?*

```
a.m(a);  
a.m(b);  
b.m(a);  
b.m(b);
```

# En résumé



Have fun!

Chew your thoughts....

Step back and analyze