

# Who are you?

- Bruce Badger
- Developer
  - But I do other stuff too if I have:
    - Team leader
    - Analysis & Design
    - “Architect”
  - Stuff I just can't do
    - UI design

# What is your language?

- Smalltalk
  - Developed in the 70's
  - Formalised in 1980
  - ANSI Standard
  - Definitive OO language

# Why do you use it?

- Instant gratification
  - Incremental build
- Low
  - cost to build
  - time to market
- Software remains malleable

# What kinds of projects is it most suitable for?

- Big (or small)
- Complex (simple is OK too)
- Long-lived (or not)
- Volatile (or stable)

# What kinds of projects is it least suitable for?

- Finite element analysis, perhaps?
  - But I'd still start with Smalltalk and tune only on evidence
    - i.e. premature optimisation is bad
- Not all dialects good for all problems e.g.
  - Dolphin not good for Mac or Linux
    - Only runs on Microsoft Windows
  - GemStone not good for GUI
    - It is a headless server system & OODB

# Give us an example of a project you are using the language on currently.

- OpenSkills systems
  - SkillsBase, Membership
- FOSS projects
- Projects for my clients

Tell us 3 exciting developments that have occurred in relation to your language in the last year.

- Seaside
  - Web application framework
- Croquet
  - Immersive 3D environment (Alan Kay)
- OLPC
  - Etoys – an interactive learning tool

# - Briefly introduce any (Open Source) frameworks, etc

- So many. Unfair to pick, but ...
  - Sunit
  - Refactoring Browser
  - Squeak
  - Seaside
  - Sport
  - Hyper
  - Slaps
  - Swazoo
  - Glorp
  - EyeSee

# What is the future for your language?

- Croquet
- More ANSI work

# What is the future for programming and scripting languages in general?

- Continuing the trend towards Smalltalk, i.e.
  - C++ (OO is Good!)
  - Java/C# (VMs and GC is Good!)
  - Python/Ruby (Dynamic typing is Good!)
  - Still to go:
    - In-image development
    - keyword arguments

# What other language(s) do you use (secretly ;-)?

- I have no secrets :-)
- For performance:
  - C
    - but **very** rarely. I can't even remember the last time.
- For quick scripts:
  - Ruby
  - Bash

# Smalltalk

- `comp.lang.smalltalk` news group
- <http://stic.st> (Smalltalk Industry Council)