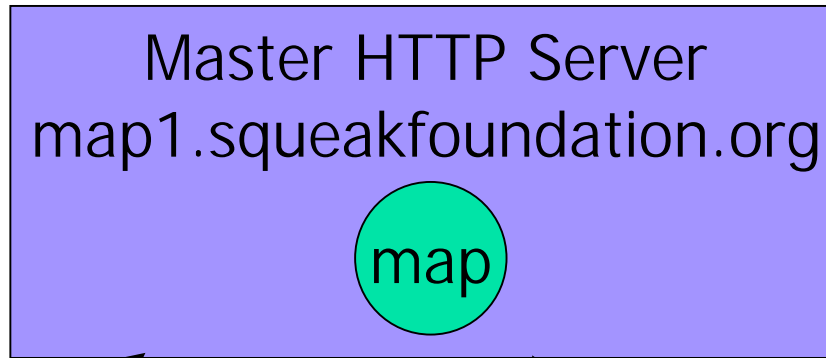# SqueakMap
a Web Catalogue for Squeak

On behalf of **Göran Krampe**
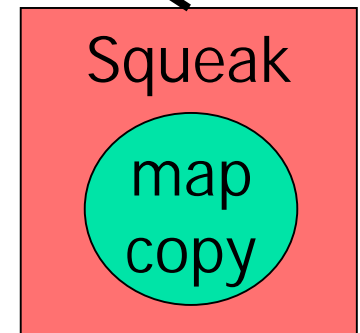
ESUG 2004

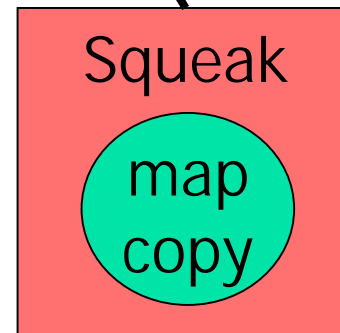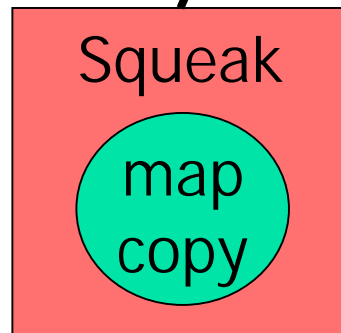*Technology Innovation Awards*

What is Squeak Map

- A web catalog of
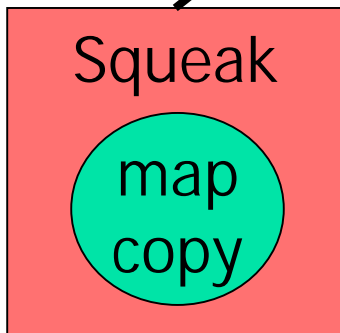   - Squeak developers
    - Squeak packages and their releases
- Allow download & install of selected packages
- Historically:
    - Created to complement Squeak 3.3 modules
    - Inspired by Debian, CPAN, GNOME Software Map, dmoz.org, etc

Architecture

Master HTTP Server
map1.squeakfoundation.org

map

HTTP GET

Squeak

map copy

Squeak

map copy

Squeak

map copy

Squeak

map copy

SqueakMap Web UI

- http://map1.squeakfoundation.org/sm

- Create accounts for developpers

- Browse available packages
    - by name
    - by category

- Update packages
    - New releases
    - Location
    - ...

SqueakMap2 base

Summary: The base package for SqueakMap2. Contains the domain code.
Author: Göran Krampe
Owner: Göran Krampe (gk)
Co-maintainers: *<None>*
Categories:

- Squeak3.6 -
- Development tools - Add-on development tools for Squeak.

Homepage: http://anakin.bluefish.se/gohu/15
PackageInfo name: SMBase
RSS feed: *<Not entered>*

Description:

The new SqueakMap with lots of good stuff. :)

Releases

- 1-0.91 -
- 3-0.93 - Various bugfixes.
- 4-0.94 - Cache fix so that it works on HFS on MacOS.

Name: VMMaker
Summary: The toolset for building a set of VM code from the Interpreter classes and your handwritten C code
Author: Squeakers of many lands - tim,Andreas,Ian,John,John,Craig,Scott,Dan,many contributors
Owner: tim Rowledge <tim@sumeru.stanford.edu>

Description:
    This package includes all the ObjectMemory/Interpreter classes, the VMMaker/Tool classes, the InterpreterPlugin hierarchy and all the assorted helper methods.

    If you install this you will be able to build or simulate a VM or plugin - AS LONG AS YOU HAVE THE LATEST CODE FROM SOURCEFORGE.

    See http://minnow.cc.gatech.edu/squeak/2015

Categories:
    Development tools - *Add-on development tools for Squeak.*
    Licenses/SqueakL - *The license of Squeak from Apple. The only license we allow for inclusion in base Squeak.*
    Maturity level/Beta - *Useable but still not stable, probably has bugs.*
    Package format - *The format of the package.*
    Package format/Squeak Archive - *A '.sar' file which is*

Left panel (package list):
- 3.7 Full Assembler (->4)
- Balloon3D ()
- Benchmarks (->5)
- Celeste (->1.23)
- DefaultExternalDropHandler (-
- ECoDE Design Environment (->
- Games (->22-04-2004)
- IRCe (->7)
- Network-HTML (->3)
- SARInstaller for 3.6 (28)
- SUnit (3.1.6)
- Scamper (->32)
- Traducciones al Español (->1)
- VMMaker (->3.7b5)
    - 3.7b5
    - 3.7b4

Lower left panel (categories):
- Class libraries
- Compatibility level
- Development tools
- Entertainment
- Licenses
- Maturity level
- Package format
- Package group
    - Non official package
    - Official package in Full
    - Official package in Basic
    - Official addon package
- Package type

Statistics

- Developer Accounts 215
- Packages 465
- Releases (of all packages) 744
- Grown almost linearly during last 2 years
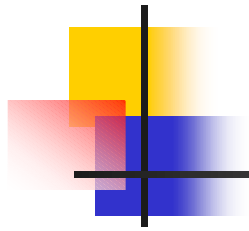- Gzipped map ~350KB

Coming new features

- Server mirrors : Robustness/Availability
- Incremental update of map copies
  - Faster download = get only changes
- Modify the map locally and then commit
  - Change the map without a web navigator
- One logical distributed map
  - Multiple servers organized in a tree

Conclusion

- Bridge with SqueakSource

- SqueakL Licence

- SqueakMap is really usefull
  - Easy to use
  - Many packages 465
  - Many many more clients

Vote for
Squeak Map!!!