db4o
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what's db4o?
« a native persistence solution for Mono »
~ an object database ~
though I'm not fond of the word database
dual licence: GPL + proprietary
so it stores objects
and it retrieves them for you
and that's pretty much it
demo
querying more precisely
Query by Example
demo
simply « and » the non default values all together
limited
S.O.D.A

- Simple Object Database Access
demo
precise
suitable for dynamic construction of the query
but it's string based
Native Queries
demo
does it LINQ a bell?
how Native Queries work
Cecil + Cecil.FlowAnalysis
demo
when possible, we are emitting SODA queries
otherwise we have to actually run the code against a full ObjectSet
pre-optimize
Native Queries

- Db4oAdmin.exe
demo
after the C and the R, come the U and the D
simply recall « Set » to update
and « Delete () » to, surprisingly, delete
simple isn't it?
support for a lot of things
Client / Server
Transactions everywhere
Refactoring support
Translators: low level storage API
Encryption

out of the presentation scope stuff

...
drs
db4o replication system
for those whom still love
need SQL
how's db4o built?
I have to admit
it's converted from Java
but automatically, using our converter, based on eclipse
but it's still kind of Javaish
using com.db4o;
we now support for complex conversion rules
a look to the future
db4objects all over the world
Pair Programming: Skype + VNC
switch pair partners
test first development
~ agile ~
one skype meeting a week
two live meetings per year
http://developer.db4o.com/
questions ?
http://www.db4o.com