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

out of the presentation scope stuff

- Client / Server
- Transactions everywhere
- Refactoring support
- Translators: low level storage API
- Encryption
- ...

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
convertion rules

a look to the future

demo

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