Database interfaces for open source languages suck
They’re all limited
They’re all different
They’re all duplicating development effort
We can fix this
parrot
We need a common database driver API for Parrot
So database drivers...

Can be implemented in any Parrot language

Can be used by any Parrot language
Mature, Stable, Functional, Object Oriented

Well documented, ideally with a test suite

Well known to a wide user base

Well known to driver developers
JDBC

No, not Java, just the JDBC API

The class and method names, the semantics
Actually, not plain JDBC
Sanitize the worst influences of Java
Easier to use for dynamic languages
Each Parrot language... could have adaptation interface layered over the raw JDBC API

For Perl6...

DBI
What’s happening currently

JDBC.pm

PDBC.pm

DBI42.pm

http://svn.perl.org/modules/dbi2/trunk/
Assume Perl 6 will be able to use Perl 5 DBI v1 efficiently

Ignoring DBI v2 API for now, radically refactoring the internals

Exploring impedance mismatches between JDBC and DBI

A DBI v2 API will evolve in time
Interested?

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