

“Wishlist”

Native PHP Driver Meeting
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Prepared Statements

- Prepared statement cache
- Client side prepared statements
 - Some way to pass in an array of values for an "IN" placeholder
- Don't force bound column for result sets
 - `mysqli_stmt_fetch_[array|assoc|all]()`

Performance Connections

- Persistent connections
 - Or something that reduced connection overhead for remote servers
- Connection Pooling
- Automatic load balancing and fall back

Performance Querying

- Concurrent querying
- Background querying
- Query timeouts
- Profiling mode
 - Log of all queries for a given request
 - Automatic EXPLAIN



Performance Cache

- MySQL Cluster as
 - Cache container
 - Session container
- Flexible client side query cache
 - LRU, FIFO ..
 - TTL
 - Callback

High Level API Stuff

- DSN strings in *_connect()
 - Connection level attributes
 - Result buffering
 - Assoc case ..
 - Optional exceptions support
 - Debug callback support
 - API for calling SP's
 - API for XA transactions
 - Switch to enable/disable materialized cursors
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Very High Level API Stuff

- ext/filter support for placeholders
 - Abstract types (email ..)
 - ActiveRecord/ORM implementation
 - Methods that combine multiple common API call sequences
 - `mysql_connect_query_fetch_all()`
 - Nested transactions
 - Opening subsequent transactions set a savepoint inside the open transaction
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Thank you for listening ..
Comments? Questions?

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