# Core - Feature # 23374

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|---|---|---|---|
| **Status:** | Resolved | **Priority:** | Must have |
| **Author:** | Xavier Perseguers | **Category:** | Database API |
| **Created:** | 2010-08-14 | **Assigned To:** | Xavier Perseguers |
| **Updated:** | 2014-01-14 | **Due date:** | |
| **PHP Version:** | 5.2 | | |
| **Complexity:** | | | |
| **Sprint Focus:** | | | |
| **Subject:** | Add support for prepared queries | | |

**Description**

Prepared queries would help take better advantage of advanced usage of underlying DBMS and would allow DBAL to be much more efficient by allowing parsed and rewritten queries to be cached.

(issue imported from #M15457)

**Related issues:**

| | | |
|---|---|---|
| related to Core - Feature # 21614: Add support for MemCache | **Closed** | **2009-11-19** |
| related to Core - Bug # 23424: Enhance t3lib_db_PreparedStatement | **Resolved** | **2010-08-22** |
| related to Core - Feature # 27372: Execute native prepared queries in t3lib_DB | **Resolved** | **2011-06-11** |

# History

**#1 - 2010-08-14 22:06 - Xavier Perseguers**

v2 implements the TODO of first version:

Find a way to already compile the query into a string while preserving the information
where each parameter appears. This will prevent compiling and compiling again the
query in method stmt_execute() and will allow caching of the query into Memcached and
as such completely bypass the parsing of the already seen before SELECT query.

This will allow #21614 to be fixed.

**#2 - 2010-08-14 22:52 - Xavier Perseguers**

dbal_v3 fixes issues when really using DBAL (local unit tested with Oracle).

**#3 - 2010-08-19 14:54 - Xavier Perseguers**

Committed to:

- Core trunk (rev. 8612)
- DBAL trunk (rev. 36983)

# Files

| | | | | |
|---|---|---|---|---|
| 15457_dbal.diff | 12.5 kB | 2010-08-14 | | Administrator Admin |
| 15457_core.diff | 20.3 kB | 2010-08-14 | | Administrator Admin |
| 15457_core_v2.diff | 20.6 kB | 2010-08-14 | | Administrator Admin |

| 15457_dbal_v2.diff | 13.6 kB | 2010-08-14 | Administrator Admin |
| 15457_dbal_v3.diff | 15 kB | 2010-08-14 | Administrator Admin |