

# Basics of Wordpress

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# wpdb::flush

The `wpdb::flush()` method in WordPress is used to clear the internal cache of the `wpdb` object.

When you perform database queries using the `wpdb` class (e.g., `$wpdb->get_results()`, `$wpdb->query()`), WordPress often caches the results of these queries internally within the `wpdb` object to improve performance. This means that if the same query is executed multiple times within a single request, the cached result might be returned instead of re-querying the database.

Calling `wpdb::flush()` will clear this internal cache, forcing `wpdb` to re-query the database for subsequent operations, even if the same query was previously executed and cached.

## When to use `wpdb::flush()`:

If you're directly interacting with the database outside of the standard `wpdb` methods, or if another system is modifying the data, `flush()` can ensure your `wpdb` queries reflect the latest state.

If you're seeing unexpected cached results and need to ensure you're always getting fresh data from the database, `flush()` can be helpful.

## Example:

### Code

```
global $wpdb;

// Perform a query, results are cached
$results1 = $wpdb->get_results( "SELECT * FROM {$wpdb->prefix}options WHERE option_name = 'my_option' " );

// Clear the wpdb internal cache
$wpdb->flush();

// Perform the same query again, it will now re-query the database
$results2 = $wpdb->get_results( "SELECT * FROM {$wpdb->prefix}options WHERE option_name = 'my_option' " );
```