

PHP 5 MySQLi Functions

The MySQLi functions provides the most complete access to MySQL from PHP

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The mysqli functions are designed to communicate with MySQL 4.1 or later.

Using the mysqli functions you can take advantage of all the latest and advanced features of MySQL, which you may not be able to do with the earlier MySQL functions. However the MySQLi functions are available only with PHP 5 or later.

Function	Description
mysqli_affected_rows()	Returns the number of affected rows in the previous MySQL operation
mysqli_autocommit()	Turns on or off auto-committing database modifications
mysqli_change_user()	Changes the user of the specified database connection
mysqli_character_set_name()	Returns the default character set for the database connection
mysqli_close()	Closes a previously opened database connection
mysqli_commit()	Commits the current transaction
mysqli_connect_errno()	Returns the error code from the last connect call
mysqli_connect_error()	Returns the error description from the last connection error
mysqli_connect()	Opens a new connection to the MySQL server
mysqli_data_seek()	Adjusts the result pointer to an arbitrary row in the result-set
mysqli_debug()	Performs debugging operations
mysqli_dump_debug_info()	Dump debugging information into the log
mysqli_errno()	Returns the error code for the most recent function call
mysqli_error_list()	Returns a array of errors for the most recent MySQLi function call
mysqli_error()	Returns the last error message for the most recent MySQLi function call
mysqli_fetch_all()	Fetches all result rows as an associative array, a numeric array, or both
mysqli_fetch_array()	Fetches a result row as an associative, a numeric array, or both
mysqli_fetch_assoc()	Fetches a result row as an associative array
mysqli_fetch_field_direct()	Fetch meta-data for a single field as an object
mysqli_fetch_field()	Returns the next field in the result set, as an object
mysqli_fetch_fields()	Returns an array of objects representing the fields in a result set

Function	Description
<code>mysqli_fetch_lengths()</code>	Returns the lengths of the columns of the current row in the result set
<code>mysqli_fetch_object()</code>	Returns the current row of a result set as an object
<code>mysqli_fetch_row()</code>	Fetches one row of data from the result set and returns it as an enumerated array
<code>mysqli_field_count()</code>	Returns the number of columns for the most recent query
<code>mysqli_field_seek()</code>	Sets the result pointer to a specified field offset
<code>mysqli_field_tell()</code>	Returns the position of the field cursor used for the last <code>mysqli_fetch_field()</code> call
<code>mysqli_free_result()</code>	Frees the memory associated with a result
<code>mysqli_get_charset()</code>	Returns a character set object
<code>mysqli_get_client_info()</code>	Returns the MySQL client version as a string
<code>mysqli_get_client_stats()</code>	Returns client per-process statistics.
<code>mysqli_get_client_version()</code>	Returns the MySQL client version as an integer
<code>mysqli_get_connection_stats()</code>	Returns client connection statistics.
<code>mysqli_get_host_info()</code>	Returns a string representing the type of connection used including the MySQL server hostname
<code>mysqli_get_proto_info()</code>	Returns the version of the MySQL protocol used
<code>mysqli_get_server_info()</code>	Returns the version of the MySQL server
<code>mysqli_get_server_version()</code>	Returns the version of the MySQL server as an integer
<code>mysqli_info()</code>	Returns information about the last query executed
<code>mysqli_init()</code>	Initializes MySQLi and returns a resource for use with <code>mysqli_real_connect()</code>
<code>mysqli_insert_id()</code>	Returns the auto-generated id used in the last query
<code>mysqli_kill()</code>	Asks the server to kill a MySQL thread
<code>mysqli_more_results()</code>	Check if there are any more query results from a multi query
<code>mysqli_multi_query()</code>	Performs one or multiple queries on the database
<code>mysqli_next_result()</code>	Prepares the next result set from <code>mysqli_multi_query()</code>
<code>mysqli_num_fields()</code>	Returns the number of fields in a result set
<code>mysqli_num_rows()</code>	Returns the number of rows in a result set
<code>mysqli_options()</code>	Sets extra connect options and affect behavior for a connection
<code>mysqli_ping()</code>	Pings a server connection, or tries to reconnect if the connection has gone down
<code>mysqli_prepare()</code>	Prepares an SQL statement for execution
<code>mysqli_query()</code>	Performs a query on the database
<code>mysqli_real_connect()</code>	Opens a connection to a mysql server

Function	Description
mysqli_real_escape_string()	Escapes special characters in a string for use in an SQL statement
mysqli_real_query()	Executes an SQL query
mysqli_refresh()	Refreshes tables or caches, or resets the replication server information
mysqli_rollback()	Rollbacks the current transaction for the database
mysqli_select_db()	Selects the default database for database queries
mysqli_set_charset()	Sets the default client character set
mysqli_set_local_infile_default()	Unsets user defined handler for load local infile command
mysqli_set_local_infile_handler()	Set callback function for LOAD DATA LOCAL INFILE command
mysqli_sqlstate()	Returns the SQLSTATE error code from the previous MySQL operation
mysqli_ssl_set()	Used to establish secure connections using SSL
mysqli_stat()	Returns the current system status
mysqli_stmt_init()	Initializes a statement and returns an object for use with mysqli_stmt_prepare()
mysqli_store_result()	Transfers a result set from the last query
mysqli_thread_id()	Returns the thread ID for the current connection
mysqli_thread_safe()	Returns whether the client library is compiled as thread-safe
mysqli_use_result()	Initiates the retrieval of a result set from the last query executed using the mysqli_real_query()
mysqli_warning_count()	Returns the number of warnings from the last query in the connection