

Run Report

Run #85f1a0541b4f204d551138b71137ef7e: /mod/quiz/view.php -

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Tip

Click a function name below to drill down.

**Overall Summary**

**Total Incl. Wall Time** 224,074,579  
 (microsec): microsecs  
**Total Incl. CPU (microsecs):** 122,400,000  
 microsecs  
**Total Incl. MemUse (bytes):** 6,723,824 bytes  
**Total Incl. PeakMemUse (bytes):** 6,974,816 bytes  
**Number of Function Calls:** 24,047,008

[\[View Full Callgraph\]](#)

Displaying top 100 functions: Sorted by Incl. Wall Time (microsec) [\[display all\]](#)

Function Name	Calls	Calls%	Incl. Wall Time (microsec)	Wall%	Excl. Wall Time (microsec)	EWall%	Incl. CPU (microsecs)	ICpu%	Excl. CPU (microsec)	ECPU%	Mem (by)
<a href="#">main()</a>	1	0.0%	224,074,579	100.0%	336	0.0%	122,400,000	100.0%	4,000	0.0%	6,723,
<a href="#">grade_get_grades</a>	1	0.0%	223,993,173	100.0%	10	0.0%	122,320,000	99.9%	0	0.0%	1,619,
<a href="#">grade_regrade_final_grades</a>	1	0.0%	223,992,495	100.0%	180	0.0%	122,320,000	99.9%	0	0.0%	1,444,
<a href="#">grade_item::regrade_final_grades</a>	2	0.0%	223,987,642	100.0%	26	0.0%	122,320,000	99.9%	0	0.0%	1,287,
<a href="#">grade_category::generate_grades</a>	2	0.0%	223,987,003	100.0%	1,053,216	0.5%	122,320,000	99.9%	760,000	0.6%	1,278,
<a href="#">grade_category::aggregate_grades</a>	5,945	0.0%	220,501,321	98.4%	1,496,520	0.7%	119,284,000	97.5%	1,004,000	0.8%	1,118,
<a href="#">grade_category::set_usedinaggregation</a>	5,944	0.0%	203,301,877	90.7%	1,152,822	0.5%	104,544,000	85.4%	1,048,000	0.9%	822,
<a href="#">mysqli_native_moodle_database::set_field_select</a>	118,864	0.5%	182,068,304	81.3%	8,176,410	3.6%	83,808,000	68.5%	7,052,000	5.8%	704,
<a href="#">mysqli::query</a>	136,737	0.6%	106,831,830	47.7%	106,831,830	47.7%	5,056,000	4.1%	5,056,000	4.1%	2,899,
<a href="#">mysqli_native_moodle_database::get_columns</a>	130,776	0.5%	51,592,381	23.0%	1,454,604	0.6%	52,908,000	43.2%	1,196,000	1.0%	8,509,960,
<a href="#">cache_application::get</a>	130,795	0.5%	47,981,349	21.4%	499,395	0.2%	49,244,000	40.2%	476,000	0.4%	8,510,286,
<a href="#">cache::get</a>	130,795	0.5%	47,481,954	21.2%	1,422,186	0.6%	48,768,000	39.8%	888,000	0.7%	8,510,282,
<a href="#">cache::unref</a>	130,794	0.5%	41,622,530	18.6%	1,233,862	0.6%	42,740,000	34.9%	800,000	0.7%	8,509,623,
<a href="#">grade_item::fetch_all</a>	11,889	0.0%	26,324,167	11.7%	40,690	0.0%	25,620,000	20.9%	52,000	0.0%	352,921,
<a href="#">grade_object::fetch_all_helper</a>	11,897	0.0%	26,286,485	11.7%	2,650,653	1.2%	25,568,000	20.9%	2,012,000	1.6%	353,138,
<a href="#">unserialize</a>	130,778	0.5%	20,266,412	9.0%	20,259,986	9.0%	21,520,000	17.6%	21,516,000	17.6%	8,502,232,
<a href="#">serialize</a>	130,783	0.5%	17,841,201	8.0%	17,841,201	8.0%	17,884,000	14.6%	17,884,000	14.6%	1,052,612,
<a href="#">moodle_database::fix_sql_params</a>	136,736	0.6%	13,875,141	6.2%	9,117,862	4.1%	13,660,000	11.2%	5,716,000	4.7%	214,072,
<a href="#">mysqli_native_moodle_database::emulate_bound_params</a>	136,735	0.6%	10,755,459	4.8%	7,069,835	3.2%	10,804,000	8.8%	4,560,000	3.7%	26,062,
<a href="#">grade_object::set_properties</a>	231,887	1.0%	10,745,718	4.8%	7,161,676	3.2%	10,808,000	8.8%	4,900,000	4.0%	9,
<a href="#">grade_category::aggregate_values_and_adjust_bounds</a>	5,944	0.0%	6,968,831	3.1%	149,595	0.1%	6,736,000	5.5%	116,000	0.1%	21,099,
<a href="#">grade_category::get_grade_item</a>	5,944	0.0%	6,806,715	3.0%	63,526	0.0%	6,584,000	5.4%	52,000	0.0%	20,511,
<a href="#">mysqli_native_moodle_database::get_records_sql</a>	5,968	0.0%	6,487,432	2.9%	779,998	0.3%	4,324,000	3.5%	436,000	0.4%	59,663,
<a href="#">mysqli_native_moodle_recordset::next</a>	214,014	0.9%	4,401,651	2.0%	732,568	0.3%	4,516,000	3.7%	744,000	0.6%	381,174,
<a href="#">mysqli_native_moodle_database::get_recordset_sql</a>	11,900	0.0%	4,071,311	1.8%	283,221	0.1%	2,840,000	2.3%	184,000	0.2%	84,343,
<a href="#">mysqli_native_moodle_recordset::fetch_next</a>	225,914	0.9%	4,025,198	1.8%	1,170,725	0.5%	4,152,000	3.4%	900,000	0.7%	1,111,810,
<a href="#">moodle_database::get_recordset_select</a>	11,897	0.0%	3,758,496	1.7%	75,631	0.0%	2,920,000	2.4%	112,000	0.1%	84,325,
<a href="#">in_array</a>	3,643,955	15.2%	3,660,401	1.6%	3,660,401	1.6%	6,136,000	5.0%	6,136,000	5.0%	7,
<a href="#">moodle_database::query_end</a>	136,737	0.6%	2,420,026	1.1%	756,135	0.3%	2,520,000	2.1%	564,000	0.5%	15,047,
<a href="#">cache::static_acceleration_get</a>	130,800	0.5%	2,328,576	1.0%	1,529,888	0.7%	2,564,000	2.1%	1,224,000	1.0%	-1,419,
<a href="#">cache::requires_serialisation</a>	130,779	0.5%	2,238,143	1.0%	1,490,859	0.7%	2,360,000	1.9%	1,196,000	1.0%	7,424,
<a href="#">is_number</a>	772,863	3.2%	2,218,059	1.0%	1,977,992	0.9%	2,748,000	2.2%	1,884,000	1.5%	42,277,
<a href="#">cache::parse_key</a>	130,803	0.5%	2,026,379	0.9%	653,911	0.3%	2,300,000	1.9%	500,000	0.4%	15,990,
<a href="#">cache::make</a>	130,790	0.5%	2,001,473	0.9%	673,194	0.3%	2,036,000	1.7%	564,000	0.5%	106,
<a href="#">moodle_database::detect_objects</a>	773,003	3.2%	1,721,235	0.8%	1,521,511	0.7%	2,152,000	1.8%	1,432,000	1.2%	2,
<a href="#">mysqli_result::fetch_assoc</a>	334,093	1.4%	1,587,261	0.7%	1,587,261	0.7%	1,932,000	1.6%	1,932,000	1.6%	1,131,270,
<a href="#">moodle_database::query_start</a>	136,737	0.6%	1,465,201	0.7%	969,751	0.4%	1,612,000	1.3%	852,000	0.7%	-22,455,
<a href="#">array_change_key_case</a>	315,841	1.3%	1,379,944	0.6%	1,379,944	0.6%	1,584,000	1.3%	1,584,000	1.3%	678,371,
<a href="#">cache_helper::hash_key</a>	130,803	0.5%	1,327,210	0.6%	991,723	0.4%	1,628,000	1.3%	812,000	0.7%	15,986,
<a href="#">moodle_database::query_log</a>	136,737	0.6%	1,314,270	0.6%	770,763	0.3%	1,520,000	1.2%	868,000	0.7%	2,
<a href="#">mysqli_native_moodle_database::normalise_value</a>	118,982	0.5%	1,253,586	0.6%	869,194	0.4%	1,264,000	1.0%	620,000	0.5%	5,
<a href="#">cache_factory::create_cache_from_definition</a>	130,790	0.5%	1,097,625	0.5%	541,612	0.2%	1,116,000	0.9%	488,000	0.4%	98,
<a href="#">preg_match_all</a>	273,472	1.1%	1,026,896	0.5%	1,026,896	0.5%	1,388,000	1.1%	1,388,000	1.1%	261,847,
<a href="#">grade_object::construct</a>	124,865	0.5%	853,251	0.4%	394,226	0.2%	800,000	0.7%	308,000	0.3%	12,
<a href="#">moodle_database::fix_table_names</a>	136,736	0.6%	846,997	0.4%	418,500	0.2%	936,000	0.8%	404,000	0.3%	30,411,
<a href="#">preg_replace</a>	261,555	1.1%	787,650	0.4%	787,650	0.4%	996,000	0.8%	996,000	0.8%	83,201,
<a href="#">moodle_database::get_in_or_equal</a>	17,834	0.1%	682,518	0.3%	617,524	0.3%	792,000	0.6%	676,000	0.6%	49,759,
<a href="#">cache::requires_serialisation@1</a>	130,779	0.5%	679,664	0.3%	572,719	0.3%	884,000	0.7%	528,000	0.4%	7,774,
<a href="#">cache_helper::record_cache_hit</a>	130,801	0.5%	644,610	0.3%	513,457	0.2%	720,000	0.6%	440,000	0.4%	6,
<a href="#">mysqli_native_moodle_recordset::current</a>	214,015	0.9%	627,693	0.3%	627,693	0.3%	800,000	0.7%	800,000	0.7%	663,431,
<a href="#">cache::set_identifiers</a>	130,785	0.5%	554,019	0.2%	384,260	0.2%	628,000	0.5%	368,000	0.3%	1,

<a href="#">moodle_database::query_time</a>	136,737	0.6%	543,507	0.2%	409,676	0.2%	652,000	0.5%	360,000	0.3%	8,386,
<a href="#">array_diff</a>	11,889	0.0%	525,196	0.2%	525,196	0.2%	500,000	0.4%	500,000	0.4%	4,376,
<a href="#">array_pop</a>	909,616	3.8%	484,538	0.2%	484,538	0.2%	1,184,000	1.0%	1,184,000	1.0%	-135,249,
<a href="#">mysqli_native_moodle_database::create_recordset</a>	11,900	0.0%	442,359	0.2%	44,129	0.0%	436,000	0.4%	28,000	0.0%	81,614,
<a href="#">moodle_database::print_debug</a>	136,737	0.6%	414,644	0.2%	350,073	0.2%	572,000	0.5%	388,000	0.3%	1,
<a href="#">mysqli_native_moodle_recordset::__construct</a>	11,900	0.0%	398,230	0.2%	42,115	0.0%	408,000	0.3%	28,000	0.0%	79,886,
<a href="#">is_bool</a>	1,545,891	6.4%	380,148	0.2%	380,148	0.2%	1,328,000	1.1%	1,328,000	1.1%	4,
<a href="#">moodle_database::print_debug_time</a>	136,737	0.6%	349,621	0.2%	293,243	0.1%	436,000	0.4%	252,000	0.2%	1,
<a href="#">is_null</a>	1,284,115	5.3%	345,514	0.2%	345,514	0.2%	1,320,000	1.1%	1,320,000	1.1%	17,
<a href="#">explode</a>	136,945	0.6%	344,107	0.2%	344,107	0.2%	420,000	0.3%	420,000	0.3%	202,911,
<a href="#">grade_grade::standardise_score</a>	106,992	0.4%	290,771	0.1%	261,998	0.1%	392,000	0.3%	272,000	0.2%	5,893,
<a href="#">grade_category::is_extracredit_used</a>	106,992	0.4%	283,165	0.1%	219,666	0.1%	380,000	0.3%	196,000	0.2%	5,915,
<a href="#">trim</a>	630,326	2.6%	234,537	0.1%	234,537	0.1%	744,000	0.6%	744,000	0.6%	21,497,
<a href="#">cache_factory::instance</a>	130,810	0.5%	230,672	0.1%	230,672	0.1%	356,000	0.3%	356,000	0.3%	4,
<a href="#">array_unshift</a>	118,863	0.5%	228,487	0.1%	228,487	0.1%	372,000	0.3%	372,000	0.3%	8,504,
<a href="#">grade_floats_different</a>	17,828	0.1%	223,090	0.1%	63,032	0.0%	248,000	0.2%	72,000	0.1%	861,
<a href="#">moodle_database::normalise_limit_from_num</a>	17,868	0.1%	220,440	0.1%	190,367	0.1%	248,000	0.2%	144,000	0.1%	9,747,
<a href="#">array_key_exists</a>	654,167	2.7%	218,778	0.1%	218,778	0.1%	668,000	0.5%	668,000	0.5%	14,
<a href="#">microtime</a>	273,476	1.1%	214,641	0.1%	214,641	0.1%	480,000	0.4%	480,000	0.4%	3,
<a href="#">sha1</a>	130,786	0.5%	211,470	0.1%	211,470	0.1%	356,000	0.3%	356,000	0.3%	8,371,
<a href="#">is_object</a>	779,034	3.2%	202,937	0.1%	202,937	0.1%	724,000	0.6%	724,000	0.6%	8,
<a href="#">array_reverse</a>	136,734	0.6%	191,057	0.1%	191,057	0.1%	300,000	0.2%	300,000	0.2%	107,998,
<a href="#">is_int</a>	772,949	3.2%	177,530	0.1%	177,530	0.1%	644,000	0.5%	644,000	0.5%	2,
<a href="#">cache_definition::set_identifiers</a>	130,790	0.5%	169,779	0.1%	169,779	0.1%	260,000	0.2%	260,000	0.2%	2,
<a href="#">grade_floatval</a>	35,664	0.1%	160,076	0.1%	122,270	0.1%	176,000	0.1%	80,000	0.1%	1,887,
<a href="#">strlen</a>	630,039	2.6%	156,392	0.1%	156,392	0.1%	624,000	0.5%	624,000	0.5%	2,
<a href="#">is_scalar</a>	392,371	1.6%	141,060	0.1%	141,060	0.1%	492,000	0.4%	492,000	0.4%	4,
<a href="#">cache_helper::ensure_ready_for_stats</a>	130,820	0.5%	131,178	0.1%	131,172	0.1%	280,000	0.2%	280,000	0.2%	7,
<a href="#">array_values</a>	136,738	0.6%	127,074	0.1%	127,074	0.1%	240,000	0.2%	240,000	0.2%	92,377,
<a href="#">moodle_database::get_debug</a>	273,474	1.1%	120,949	0.1%	120,949	0.1%	368,000	0.3%	368,000	0.3%	1,
<a href="#">count</a>	309,235	1.3%	118,070	0.1%	118,070	0.1%	384,000	0.3%	384,000	0.3%	12,
<a href="#">moodle_database::get_settings_hash</a>	130,778	0.5%	96,585	0.0%	96,585	0.0%	268,000	0.2%	268,000	0.2%	1,
<a href="#">mysqli_native_moodle_recordset::valid</a>	237,812	1.0%	95,762	0.0%	95,762	0.0%	244,000	0.2%	244,000	0.2%	12,079,
<a href="#">is_array</a>	321,104	1.3%	92,928	0.0%	92,928	0.0%	328,000	0.3%	328,000	0.3%	11,
<a href="#">array_keys</a>	29,737	0.1%	86,367	0.0%	86,367	0.0%	128,000	0.1%	128,000	0.1%	85,655,
<a href="#">substr_count</a>	136,752	0.6%	78,713	0.0%	78,713	0.0%	140,000	0.1%	140,000	0.1%	1,
<a href="#">end</a>	130,779	0.5%	75,804	0.0%	75,804	0.0%	216,000	0.2%	216,000	0.2%	8,371,
<a href="#">cache_definition::generate_single_key_prefix</a>	130,803	0.5%	69,356	0.0%	69,295	0.0%	276,000	0.2%	276,000	0.2%	7,
<a href="#">mysqli_native_moodle_database::allowed_param_types</a>	136,748	0.6%	67,979	0.0%	67,979	0.0%	180,000	0.1%	180,000	0.1%	7,725,
<a href="#">grade_category::aggregation_uses_extracredit</a>	106,992	0.4%	63,499	0.0%	63,499	0.0%	184,000	0.2%	184,000	0.2%	5,913,
<a href="#">mysqli_native_moodle_database::get_dbfamily</a>	130,779	0.5%	62,906	0.0%	62,906	0.0%	164,000	0.1%	164,000	0.1%	7,308,
<a href="#">is_string</a>	261,733	1.1%	62,537	0.0%	62,537	0.0%	220,000	0.2%	220,000	0.2%	3,
<a href="#">is_float</a>	237,898	1.0%	61,310	0.0%	61,310	0.0%	248,000	0.2%	248,000	0.2%	1,
<a href="#">grade_item::bounded_grade</a>	5,944	0.0%	58,794	0.0%	50,870	0.0%	64,000	0.1%	48,000	0.0%	333,
<a href="#">cache_definition::uses_simple_keys</a>	130,803	0.5%	54,499	0.0%	54,499	0.0%	184,000	0.2%	184,000	0.2%	
<a href="#">grade_grade::is_locked</a>	5,944	0.0%	52,283	0.0%	33,261	0.0%	60,000	0.0%	28,000	0.0%	335,
<a href="#">implode</a>	29,870	0.1%	51,469	0.0%	51,469	0.0%	60,000	0.0%	60,000	0.0%	5,312,
<a href="#">grade_category::apply_limit_rules</a>	5,944	0.0%	47,921	0.0%	20,955	0.0%	76,000	0.1%	32,000	0.0%	3,
<a href="#">cachestore_memcached::supports_multiple_identifiers</a>	130,803	0.5%	45,258	0.0%	45,258	0.0%	172,000	0.1%	172,000	0.1%	7,401,

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