Subject: can't have a database table called 'class'
Posted by ikatz on Mon, 09 Feb 2009 15:46:42 GMT
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This problem seems pretty obvious in hindsight, but I created a table called "class", which causes Radicore to generate a class file with the name "class" -- a syntax error.

I would suggest adding some sort of check for table names that won't translate to PHP classes, when they are first imported into the dictionary. Or, rather than making a list of words that are reserved, it might be easier to just run "php -l" on each generated file.

I don't mind correcting my own naming errors (to fix my problem, I'm renaming "class" to "course"); my concern is that the Radicore application generates PHP scripts that don't parse.

Subject: Re: can't have a database table called 'class'
Posted by AJM on Mon, 09 Feb 2009 16:03:20 GMT
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I'm afraid that there is no easy way to check that a table name (or any other name) would cause PHP (or any related extension) to throw a whoopsie, so I will just have to rely on your own judgement when it comes to creating object names.

Now if only someone could create a function called isThisAGoodName() ....

Subject: Re: can't have a database table called 'class'
Posted by ikatz on Mon, 09 Feb 2009 16:42:00 GMT
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No problem!

```
function isThisAGoodName($tablename)
{
	//short version requires PECL extension
	//return runkit_lint ("<?php class $tablename {} ?" .  ">");

	//"long" version
	$temp_file = tempnam(sys_get_temp_dir(), 'rad');
	file_put_contents($temp_file, "<?php class $tablename {} ?>");

	$result = `php -lq $temp_file`;

	unlink($temp_file);
	return 0 === strpos($result, "No syntax errors detected");
}
```