SafeClass

SafeClass expands on the principals of Simple Class but prevents any reading or writing to properties which are not explicitly defined. Any property that begins with an underscore is ignored when converting the class to an associative array using the ToArray method.

While PHP cannot strong type primitive data types, SafeClass makes it possible to strongly define your class so that accessing or setting invalid properties will not quietly cause trouble in your code.

It is recommended that any class you create extends SafeClass

To extend the magic methods \_\_get and \_\_set you can use

**public function** \_\_get($name)  
{  
 **switch**($name)  
 {  
 **default**:  
 **return** parent::\_\_get($name);  
 }  
}

**public function** \_\_set($name, $value)  
{  
 **switch**($name)  
 {  
 **default**:  
 **return** parent::\_\_get($value);  
 }  
}

Use PHPdoc to define your properties so that your IDE knows what type each property of your class is whether it’s an explicit property or makes use of the magic methods.

Note that all classes generated from your data warehouse extend this class which gets you to FromRow and ToArray methds.

FromRow is commonly used in anonymous functions which load query result records into arrays of objects.