

# Re: Using a Resource as a Class Property

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Sanders Kaufman wrote:

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Toby A Inkster wrote:

So to correct my statement:

In OOP (not just PHP) the constructor of the grandest child :) will be called when a class is instantiated as an object.

Wow, now that I've done it that way, I can see why it's the better way. By having to call the parent constructor from within the child object, It gives the child better control.

For example, my parent has a "database" object, and a built-in default way of talking to it; while the child has another way of talking to it – each established in the constructor, and each running a verification process to ensure it still works

Probably an incorrect implementation of OO, depending on exactly what you're trying to do.

The purpose of OO is to allow the child object to use the parent object's methods (functions) and to not have to write its own.

In the case of a Database object, the main purpose of the object is to perform the communications. Another class which does it a different way would be a different class.

Now that doesn't mean you shouldn't have a database object which doesn't have children. For instance, as a simple example, you might have:

```
class Database
member database name
abstract methods open (connect), close (disconnect), query
```

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```
class MySQL_Database extends Database  
methods open, close, query
```

```
class PostGres_Database extends Database  
methods open, cl
```