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Subject: Need advice about inheritance

Posted by [wcramer](#) on Sat, 21 May 2005 15:03:52 GMT

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I have two classes:

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"data": maintains a list of x, y data values and provide methods for operations between two "data" classes (i.e., "multiply", "add", etc.)

"timedata": inherits "data" and treats x as time and y as value data

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Methods such as "add" should return another object instance of the same class as "self". Is there a way to get "add" to return a "timedata" object without having to copy the method verbatim from the "data" class to the "timedata" class? The functionality is exactly the same, so I really don't want to do that. Also, I can't dynamically define the class name for my call to `obj_new` because the init parameters are different.

Any advice would be greatly appreciated.

Thanks,  
Doug

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