
Question

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Converting objects between classes

Let's say I have two classes: A and B. They share no common parent except %SystemBase. But these classes have some properties with the same name (type may be the same or not):

```
Class A {  
  
Property data As C;  
  
Property data2;  
  
}
```

```
Class B {  
  
Property data As D;  
  
Property data3;  
  
}
```

I need to automatically convert object of class A into object of class B. I'm planing to write a class generator that generates a separate class that converts A to B. It would work like this:

1. Query %Dictionary to get list of properties:

- With the same names
- With both properties being of datatype or object type

2. Iterate over result and generate convert method:

- If both properties are datatypes, generate simple set line
- If both properties are objects
 - Check if class generator already generated converter class for this pair of classes, call class generator if not
 - Add a call to the converter class

Is it a viable approach?

[#Object Data Model](#) [#ObjectScript](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/converting-objects-between-classes>