
Question

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Iterating through all properties of an object

Is there a better way to iterate through all properties of an object than the following? Perhaps without needing to open a definition of the class but directly against the object?

```
SAMPLES>set t=##class(HoleFoods.Transaction).%OpenId(1)
SAMPLES>set def=##class(%Dictionary.ClassDefinition).%OpenId("HoleFoods.Transaction")
SAMPLES>for i=1:1:def.Properties.Count() { w def.Properties.GetAt(i).Name_" : "_$property(t,def.Properties.GetAt(i).Name),! }
Actual:0
AmountOfSale:4.95
Channel:2
Comment:
DateOfSale:62373
Discount:0
Latitude:
Longitude:
Outlet:35@HoleFoods.Outlet
Product:37@HoleFoods.Product
TargetAmount:
UnitsSold:1
ZipCode:
```

[#Code Snippet](#) [#Object Data Model](#) [#Caché](#) [#InterSystems IRIS](#)

Source URL: <https://community.intersystems.com/post/iterating-through-all-properties-object>