
Question

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Storing a %DynamicObject

I've been tasked with an interface that needs to supply some additional metadata for the indexing of HL7v2 messages. After toying with a couple of ideas, I thought that it would be useful to subclass `EnsLib.HL7.Message`, add a `%DynamicObject` property, and store the metadata in it (it ends up getting sent to the target in JSON form anyway).

And, well, it seems to work just fine ... so far.

I seem to remember that `%DynamicObjects` are not persistent, and for that reason not something you would normally stuff into a database. I was a little surprised when things worked as I had hoped. With `ZWRITE`, the literal name of the property doesn't show up in the list of attributes, but it does show with an `i%` prefix under swizzled references. It also shows up, along with assigned contents, in an SQL query of the projected table. I can modify it in a DTL and the values seem to persist.

I just have this odd feeling that what I'm doing is NOT OK. Can someone confirm one way or another?

[#ObjectScript](#) [#Ensemble](#) [#InterSystems IRIS for Health](#)

Product version: HealthShare 2020.2

\$ZV: 2020.2.0HC (Build 180U)

Source URL: <https://community.intersystems.com/post/storing-dynamicobject>