
Question

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Creating a view that uses customized class query stored procedure results in compile error

I have the following class:

Class P.RA.SII.F

{

```
Query ClosedFutures(FromDate As %Date, ToDate As %Date) As %Query(ROWSPEC = "FundCode:%String,
Asset:%String, TradeDate:%Date,BuySell:%String, Price:Data.Common.Numeric, Quantity:%Numeric,
CumulativePosition:%Numeric, PreviousCumulativePosition:%Numeric, ClosingTrades:%Integer,
ClosingTradesInPeriod:%Integer, ClosedTradeValueInPeriod:Data.Common.Numeric,
NetQuantityInPeriod:%Integer, WeightedClosedAverageTradePriceInPeriod:Data.Common.Numeric,
InitialTradeDate:%Date, InitialTrade:%Integer, LastInPeriod:%Integer") [ SqlProc ]
{
}
```

```
ClassMethod ClosedFuturesExecute(ByRef qHandle As %Binary, FromDate As %Date, ToDate As %Date) As
%Status
{
// Contains complex implementation including setting ^||justClosedTrades
}
```

```
ClassMethod ClosedFuturesClose(ByRef qHandle As %Binary) As %Status [ PlaceAfter = ClosedFuturesExecute ]
{
kill ^||justClosedTrades
Quit $$$OK
}
```

```
ClassMethod ClosedFuturesFetch(ByRef qHandle As %Binary, ByRef Row As %List, ByRef AtEnd As
%Integer = 0) As %Status [ PlaceAfter = ClosedFuturesExecute ]
{
set nextid=$order(^||justClosedTrades(qHandle),1,rec)
if $length(nextid) { set Row=$listbuild($piece(rec,"",1),$piece(rec,"",2),$piece(rec,"",3),$piece(rec,"",4),
$piece(rec,"",5),$piece(rec,"",6),$piece(rec,"",7),$piece(rec,"",8),$piece(rec,"",9),$piece(rec,"",10),
$piece(rec,"",11),$piece(rec,"",12),$piece(rec,"",13),$piece(rec,"",14), $piece(rec,"",15), $piece(rec,"",
,16)),qHandle=nextid }
else { set AtEnd=1,Row="" }

Quit $$$OK
}
```

```
}
```

I get following compile error when I try and compile view below.

ERROR #5002: Cache error:

<UNDEFINED>AddView+69^%ocsSQLRTDict^oddEXTR("P.RA.SII.F","b","FundCode",91):> ERROR #5030: An error occurred when compiling class 'P.RA.SII.V.F.ClosedFutures'

This view calls ClosedFutures stored procedure created in class above:

```
Class P.RA.SII.V.F.ClosedFutures [ ClassType = view, ViewQuery = {  
  SELECT * FROM P.RA.SII.F.ClosedFutures (65257,65286) --'2019-09-01','2019-09-30'  
}]  
{ Parameter READONLY = 1; }
```

It seems Views are unable to handle %Query, namely ROWSPEC (which is what error above complains about as far as I can see) since they aren't actual SQL stored procedures being a customized class query.

Any ideas on how I can get my view to work?

[#Error Handling](#) [#SQL](#) [#Caché](#)

Source

URL:<https://community.intersystems.com/post/creating-view-uses-customized-class-query-stored-procedure-results-compile-error>