

## Question

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# ERROR #5002: Cache error: <STORE>

Hi,

I'm having the following error when returning a large dataset from a REST API.

```
"errors": [ {
  "code": 5002,
  "domain": "%ObjectErrors",
  "error": "ERROR #5002: Cache error: <STORE>%0NmGk1+5^xxxxxx",
  "id": "CacheError",
  "params": [ "<STORE>%0NmGk1+5^xxxxxxxxxxxxxxxxxxxxxxxx"
  ]
},
{
  "summary": "ERROR #5002: Cache error: <STORE>%0NmGk1+5^xxxxxxxxxxxx"
}
```

My understanding is that this error is related to the amount of memory available.

Please see my method implementation below. The SQL query has about 50 columns and can return more than 30 000 rows.

Can someone advice me on the best implementation approach for this scenario?

I'm using Cache 2015.2.

Thank you

```
ClassMethod GetXXXXXX(DateFrom As %Library.Date, DateTo As %Library.Date) As %Status
{
  SET %response.ContentType="application/json"

  s DateFrom=$ZDH(DateFrom,15)
  s DateTo=$ZDH(DateTo,15)

  SET params = ##class(%ZEN.proxyObject).%New()
  SET params.DateFrom = $ZD(DateFrom,4)
  SET params.DateTo = $ZD(DateTo,4)

  &SQL(DECLARE resultCursor CURSOR FOR

  SELECT Field1, Field2, ..., ..., ..
  INTO :F1, :F2, ..., ..., ...
  FROM SQLUSER.TABLE
  WHERE ate between :DateFrom and :DateTo

  )
```

```
&SQL(OPEN resultCursor)

SET i=0
SET results = ##class(%ListOfDataTypes).%New()
SET tmpArray = ##class(%Stream.GlobalCharacter).%New()

&sql(fetch resultCursor)
FOR {
    &SQL(FETCH resultCursor)
    Quit:SQLCODE

    SET obj = ##class(%ZEN.proxyObject).%New()
    SET obj.Field1 = F1
    SET obj.Field2 = F2
    ...
    ...

    do results.Insert(obj)

    SET i = i+1
}

&SQL(CLOSE resultCursor)

SET response = ##class(%ZEN.proxyObject).%New()
SET response.Params = params
SET response.ResultCount = i
SET response.Results = results

do ##class(Ens.Util.JSON).ObjectToJSONStream(response, .tmpArray)
do tmpArray.OutputToDevice()

Quit $$$OK
}
```

[#REST API #Caché](#)

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