

Re: My list D2007 annoyances/todo's I would like to see resolved in D2008

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<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.non-technical/2008-07/msg00093.html>

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I have another one for you that I first reported back with D6. Using the dbGo components and the Oracle 9i OLEDB provider, sometimes the code in the OnCalcFields event of the TADODataset seems to lose track when concatenating two string fields together to create a new, calculated field. Data will be concatenated in the correct format but from the wrong database row. For example, say I have the following database fields and rows:

Row FirstName MiddleName LastName

1 John James Smith
2 Mary Margaret Smythe
3 John Q Public
4 Susan Kathryn Johnson
5 Catherine Evelyn Everett

Say I create a calculated field called FullName that is formatted as FirstName + ' ' + MiddleName + ' ' + LastName and I then run a query to retrieve a result set. Sometimes, I get something like the following in my resultset

Row FullName

1 John James Smith
2 John James Smythe
3 Mary Margaret Public
4 John Q Johnson
5 Susan Kathryn Everett

If I take the code out of the OnCalcFields event and put the concatenation logic in the method that is stepping through the resultset rows, everything works just fine. The problem only shows up when using Oracle (OLEDB provider for 9i). I haven't seen it with SQL Server databases. The problem also does not always happen, even with Oracle OLEDB.

This problem has been present since D7. Code that worked just fine in D5 produced the correct results while D7 and forward intermittently produced erroneous results. Over the past few years, I've had to gradually remove most OnCalcField code that involves concatenating database fields from my Oracle-based applications. However, it would certainly be nice to have this

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work as anticipated in all situations since implementing the concatenation code in the calling routine is less than optimal.

Ray Porter

"Tommi Prami" <tommi.nospam.prami@xxxxxxxxxxxxxxxxxxxx> wrote in message [news:4869fe9c\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:4869fe9c$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hello,

Now that D2008 is in work in progress and I have used 2007-version for a awhile I have short list of things that are annoying or todo/feature request(s). If someone of these is just product of using the IDE wrongly I hope someone will point me into right direction, and sorry of my bad English...

I will not list Obvious, "Faster this, Bigger that" – things. I (Would) think that this is already taken care of by Code Gear it self (hopefully) (And by FastCode and/or .basm dudes). (Would love to see that more efficient containers and some speed ups in object creation and destruction, because these would speed up very many programs "for free")

1. IDE can't find same set of files (Ctrl+Enter) than compiler (complained this some time back in some .Ide group, but all I got that "it should find..." answers, but clearly it will not...)

A: Most of the time that I need to open file that is not already Open I try to open it with Ctrl+Enter from uses clause IDE just can't find it.

B: This I could live with, but when I go to dir' where the file is I click Open, it still can't find it.

Then I have to manually tell that I want to open .pas file with that name (by writing .pas after file name)

2. Containers (TList, TObjectList, TStringList...) should have way to sort with compare function definer as Object method (defined as of objcet).

Lack of This leads to extremely weird code. I Can make public (enough) var which is visible to compare function, and the object who knows how the particular list should be sorted is exposed to compare code, and I can go around this (one solution I came up with yesterday). But this is far from beigh thread safe (if sorter is thread it could do this with out any locks etc.)

3. Code Completion-Todo, When you have object/component which you are not too

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familiar with what you do is that you write C. and hit Ctrl+Space and you browse the list provided, when you find something that is interesting you hit enter. Then maybe go into code/help to see what it actually does. if it was not what you expected, you want to browse the list again. Would be cool that when you would do Ctrl+Space again, and while moving the cursor to the C.|SomeProperty that SomeProperty would stay selected, maybe by (going left with ctrl+Left Arrow etc) so you could continue the adventures of that mysterious class from where you were.

4. Generics, this is requested a very much, and lack of generics makes some code with (for example) TObjectList, with tons of typecasts and is/as operators etc. to make that list safe, or you must make wrapper around that list to make sure that only objects you expect will go into that list, but this adds, in some cases, very much of basically unneeded code

5. Class Completion–enhancement. I would love to give hints how Ctrl+Shift+C should Complete class.

by writing

```
property Prop1: Integer; // default I think
property Prop2: Integer read F write Set;
property prop3: Integer read F write F;
property Prop4: Integer read Get;
and It would use private member with name
F+PropertyName, Get / Set gettera and setters
would be automatically created if I specify it
now I can make both but can't limit
(as far as I know) it at this level I would
like.)
```

6. D2007 will mess up my project files uses clause. (D6 did know how to handle this much better)

I have .inc file which tells what to compile into the project. for example I have
{ \$IFDEF USE_FASTMM }FastMM4, { \$ENDIF }
in the project files. When I add unit to the project all the ifdef–stuff disappears from uses clause. And have to manually fix it again.

OO, these I came up with too much thinking, ones I feel are important/annoying, which I need to face almost every day in my work... Hope to get feedback, and even better that most of these are User errors

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and there already is all/most of this available, I just don't know it :D

-Tommi Prami-