

# Dave's Development Blog

Software Development using Borland / Codegear / Embarcadero RAD Studio

## Open Tools API Interface Version Guide for Backward Compatability

By David | July 21, 2011

0 Comment

There are a number of reason why I write these blogs. The first is simply to write down what I've found out so that I can reference it later (years generally) but also to impart what I have found to the rest of the community as they have generally help me over the years to find the solutions I have needed. Finally, for the Open Tools API (OTA), there is little documentation.

Consequently, I was looking at code folding and unfolding in the IDE yesterday and thought what versions of Delphi (and C++ Builder) does this support (I'll be writing another blog about this soon). A little digging around and consolidating a number of sources produced the following list of interface number conventions.

```
Delphi 1 = IOTAXxxx10
Delphi 2 = IOTAXxxx20
Delphi 3 = IOTAXxxx30
Delphi 4 = IOTAXxxx40
Delphi 5 = IOTAXxxx50
Delphi 6 = IOTAXxxx60
Delphi 7 = IOTAXxxx70
Delphi 8 = IOTAXxxx80
Delphi 2005 = IOTAXxxx90
Delphi 2006 = IOTAXxxx100
Delphi 2007 = IOTAXxxx110
Delphi 2009 = IOTAXxxx120
Delphi 2010 = IOTAXxxx140
Delphi XE = IOTAXxxx150
```

I think if I remember far enough back, the Open Tools API started with Delphi 3 I(OTAXxxx30) therefore you will never find interfaces for Delphi 1, 2 or 3.

Why do you need to know this? Well, if you are doing things for just yourself then probably you don't need to know, however if you are going to release you OTA expert/wizard to the world at large, creating something that only works in Delphi 2010 for instance, is of no use to those who have earlier versions. To

code up an OTA expert/wizard for multiple version of Delphi you will probably find that you need to use condition compilation **{\$IFDEF VER120}** etc. That's another blog I need to write about soon 😊

regards

Dave.

#### **UPDATE @ 27 Jul 2011**

I've been looking at the ToolsAPI files across different version of Delphi and have come to the conclusion that the above does not always hold true. For instance the **IOTAElideActions120** interface is defined in Delphi 2010 but exists as **IOTAElideActions** in Delphi 2006, 2007 and 2009.

Conclusion, the best way to test your code against different compilers it simply to compile it using that version 😊

Dave.

Category: Open Tools API Tags: Borland , BorlandIDEServices , CodeGear , Delphi , Embarcadero , Experts , OTA , RAD Studio

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