

# Migrating to Delphi 8 for .NET Masterclass with Brian Long

at POSK, 238-246 King Street, Hammersmith, London W6 0RF  
on Tuesday April 27<sup>th</sup> from 10 am till 6 pm

## Why Should I Attend?

Like it or not, .NET is not going away. If you are unclear as to the significance of .NET then you should know that it is the heir apparent to the Win32 API. Just as developers were obliged to move from DOS programming to Win16, and then from Win16 programming to Win32, developers will need to move from Win32 programming to .NET. The next major version of Windows, code-named Longhorn, will expose all new features using only .NET APIs (currently referred to as WinFx) and Win32 will be supported for legacy applications only.

Delphi 8 for .NET is Borland's first version of Delphi to target the Microsoft .NET Framework, capable of generating safe, verifiable, secure managed code that runs on the .NET platform. Delphi 8 only creates .NET applications and does not support generating regular Win32 applications (though it comes with a copy of Delphi 7 in the box that does). This platform shift takes a bit of adjustment in the same way that moving from Delphi 1 (for Win16) to Delphi 2 (for Win32) did.

This Masterclass looks at what issues you might bump into when trying to port your current Win32 applications over to .NET using Delphi 8 and, where possible, how to overcome them.

## What Will I See?

This is an outline of the planned agenda (not necessarily in the order listed):

### Questions:

What is the problem?	What will work?
How will I get anything working?	What won't work?
How have Borland helped?	How about this?

### Answers:

Conditional compilation	Finalization sections	BizSnap
VCL.NET	Typed files	Decision Cube
Namespaces	RTTI	Web Services
Namespace prefixes	CHASM née BASM	Automation
Unit classes	Pointer manipulation	COM programming
Class helpers	Direct memory access/manipulation	Win32 API calls
Strings	3rd party components	Custom DLLs
BDE	WebBroker	The piecemeal approach
dbGo (aka ADOExpress)	WebSnap	COM Interop
dbExpress	IntraWeb	Platform Invocation Service
InterBase Express	ASP	Unmanaged exports
Destructors	DataSnap	

## What Will I Know When I Leave?

Attendees will leave this Masterclass aware of what efforts the Borland R&D team put into Delphi 8 for .NET by to help move as much legacy code onto the .NET platform as possible. You will also have a good idea of what will and won't work without taking too much time and trouble, and in the cases of things that will not readily port over, what alternatives are required/available to get the job done in a .NET system.

And you might see a couple of tricks that help make the new "Galileo" IDE a little more welcoming.

## To book

The cost of entry to the masterclass is £165 + VAT for a DG member. Non-members are welcome to join the group and register for the class at the same time. Members subscribing at Corporate, Dual or Premier rate attend at no charge. All places *must* be booked by Thursday April 22<sup>nd</sup>, preferably earlier.

The cost of the class includes refreshments and a two-course lunch.

We regret that meeting venues cannot accept phone messages on our behalf and that mobile phones, pagers, etc, must be turned off during all DG events.

POSK is very close to Ravenscourt Park (District line) tube and about 12 minutes walk from Hammersmith (District, Piccadilly and Hammersmith & City lines). Meter parking is available in side streets for about £8 per day. For a map please see <http://uke.multimap.com/map/browse.cgi?pc=W60RF>.