

THE Delphi

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The Delphi Magazine
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ISSN: 1365-1013

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News

IntraBob 5.0

Now available from our very own Dr. Bob Swart is the Delphi 5 and InternetExpress XML edition of IntraBob 5.0, his latest CGI/WinCGI tester and ISAPI debugger for Delphi and C++Builder.

By using IntraBob as the host application, you can set breakpoints and trace into ISAPI DLLs. It also supports the WebBroker technology, including PathInfo properties to discriminate between different OnAction events, and Delphi 5 InternetExpress (using XML and JavaScript).

IntraBob 5.0 now also contains a bonus DrBob42 package with an extra set of five internet components and one support unit. The components are: CRC, CRC32, SMTP, POP3, FTP. The extra DrBobCGI unit can be used for CGI debugging.

All the components and units are provided with full source code, as freeware! IntraBob 5.0 supports Delphi 2.01 and higher and all versions of C++Builder. Visit www.drBob42.com/tools to find more information and a download.

ASTA 2.0

The ASTA Technology Group have released a new version of their multi-tier development tool for producing internet applications. Delphi 5 support is now included.

ASTA provides a thin-client SQL mechanism for converting Delphi

database applications to run on the internet. In addition to improved performance and feature enhancements, ASTA 2.0 introduces support for pure multi-tier programming, including business objects and Java clients.

New server-side features include an AstaProvider that offers advanced SQL generation on the server, with events that can fire before each update, insert or delete statement. An ASTA Business Objects Manager introduces a smart method of working with distributed objects: define server-side methods along with parameters and they become accessible to client-side work at design-time. Support for Java clients has

➤ *ASTA 2.0 in action.*



also been added with an event for communication with Java clients.

New client-side features include automatic client updates, support for remote directories, an extended suitcase model, a progress bar for visual feedback on socket reads, and the ability to clone datasets and their edits.

ASTA 2.0 costs \$399. Visit www.astatech.com for more information or to download evaluation components.

SoftSeekers

Software Reference Site

SoftSeekers have launched a new software reference website at www.softseekers.com to provide businesses and individuals searching for software products a fast and effective means of locating available products for all types of applications.

SoftSeekers does not sell software but is a library of software

DCon 2000

DCon 99, the **Delphi Developers Conference** organised by *The Delphi Magazine* and the UK Borland User Group, was a tremendous success. We've had very enthusiastic feedback on it. If you came along but didn't fill in your appraisal form and have anything you'd like to add to our list of comments and suggestions, we'll be happy to hear from you. Please email Joanna Pooley at dcon@richplum.co.uk.

There will of course be a **DCon 2000!** The formula will be the same: 100% pure Delphi, with the best speakers we can find and the very best topics to keep you on top of your Delphi development needs. And a great atmosphere too.

We are currently arranging a venue for DCon 2000. The likely dates are **November 6th and 7th 2000**, so do pencil these into your diary and we'll keep you informed.

News by email *only* please
to press@itecuk.com

listings, submitted by developers of all types of products. Each listing provides detailed information, including product functions, features, availability, pricing and ordering information.

Developers who wish to have their product listed with SoftSeekers can obtain more information by going to the SoftSeekers website or by contacting them at sales@softseekers.com.

Woll2Woll InfoPower 2000

InfoPower 2000 is the latest version of Woll2Woll's suite of visual components specifically designed to give professional database developers unmatched power in their Delphi and C++ Builder applications.

The suite includes a greatly enhanced data-aware grid, advanced edit controls including controls for lookups, dates and times, visual filtering dialogs, picture mask validation support, record viewers, incremental searching, QBE support, and much more.

New features include a new data inspector component, true virtual dataset support, custom framing and transparent effects in its edit controls, filter dialog, richedit, grid enhancements, and much more.

The new version costs £159 plus VAT in the UK from Grey Matter. Visit www.greymatter.co.uk or call +44 (0)1364 655111 for more details or to order.

Update: Exceptional Stack Tracing

Following Hallvard Vassbotn's article last month on creating a stack tracer, in which he used Vitaly Miryanov's Ligen utility, John Wilson has uncovered a slight problem with Ligen and writes to advise us of it and his fix.

Mr Vassbotn,

Having read your article published in Issue 50 of *The Delphi Magazine*, I have successfully been able to implement an excellent debugging tool which I feel would otherwise be beyond my ability. I did however have a problem using the LiGen utility, which I have since fixed. I thought it might be appropriate to send you details of the problem, and how I fixed it...

The Problem

I copied the entire Exception directory from the Cover CD to my C:\Program Files\Borland\Delphi4\Projects\ directory, I opened FileDumpTest.dpr and tried to 'LiGen' it, but the Dos box appeared and flashed away immediately.

Running LiGen from the command prompt allowed me to see the following:

```
Ligen C:\Program Files\Borland\Delphi4\Projects\  
  Except Handler\dumpfiletest.dpr /o /p /v4.0  
RTL I Generator/DCC32 launcher for Delphi2 Version 1.0  
**Error** Cannot find project option file "bluh\bluh\dumpfiletest.DOF"  
{really daft directory}
```

Press Enter to exit

This I thought might be down to the spaces in my path/file name. It was.

The Solution

I changed the source in LiGen from line 368 as follows:

```
{John Wilson+ Place ProjectName in quotes to allow spaces in path/filename}  
DccParms := Concat ('"', ProjectName, '" ', ExtraCmdLine, CtrlParam);  
WriteLn ('Dcc32 parameters: ' +DccParms);  
ErrCode := Exec(DCCName, DccParms);  
{John Wilson+}
```

John Wilson, Ethos Business Solutions (john@ethosmarketing.com)

The revised source for Ligen is included on this month's companion disk in the LIGEN directory. Thanks for your input, John!