

# TREETIPS

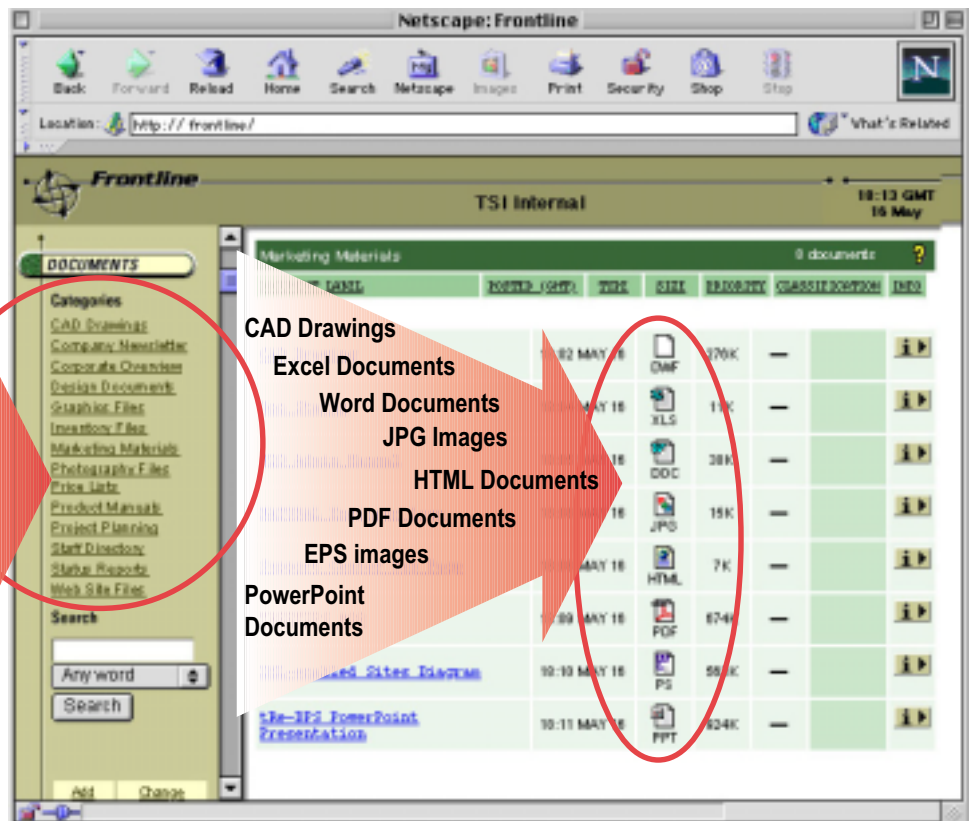
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## Oracle and TSi are Partners

(see page 3)

**Finally, all those documents  
you've  
been  
looking for  
can be  
found in  
one place...**



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# Editor's Sproutings by Joseph Brady

Here is a sneak preview of upcoming product release enhancements:

## **N<sub>2</sub>O V4.0**

- Extract Events will provide the option of renaming the extracted objects at the target.
- PREDICT migrations will be able to be processed in the same stream as NATURAL objects.
- The Master Event Locking feature will allow just the Environment information or just the Library information, or all of the From/To information to be protected.
- The Catalog Capture function will be able to be executed for an entire FUSER or for a specific NATURAL Library.
- When an object fails on the Object Selection screen, the user will be able to view who has the object checked out using a PF-Key on that screen. There will not be a need to access the reports to view this information.
- The Documentation Tools will be enhanced to view SYSERR messages and Archived objects.
- The Autocompile XREF Target options will allow specification of what types of objects will be autocompiled.
- The Source Compare function will allow the user to specify how many lines must match to be considered identical. The range option will now work with Archive Environments.
- 3GL Catalog Capture will display all of the dataset names and allow the user to specify if the object types should be updated.

## **tRelational V4.0.0**

- Greatly simplified interface for File Implementation and Analysis.
- New "drill-down" options to see all of the Tables mapped from a given File and all Mappings involving a given Field.

## **tRelationalPC V4.0.x**

- Enhanced RDBMS physical schema importation via ODBC (ERwin will no longer be required for importation of schema).

## **DPS V3.1.0**

- Enhanced efficiency of decompression of ADABAS records (to make Materialization and Propagation even faster).
- Enhanced support for Foreign Keys in RDBMSs that do not natively support "cascade delete".

## **Now Available**

### **DPS V3.0.1**

DPS V3.0.1 is available with support for the VSE operating system.

### **PROFILER V4.0.x**

PROFILER V4.0.x is available with support for ADABAS V7.1.x and NATURAL V3.1.x.

### **SECURITRE V3.1.0**

SECURITRE V3.1.0 is available with support for ADABAS V7.1.x and NATURAL V3.1.x.

### **TRIM V7.1.0**

TRIM V7.1.0 is available with support for ADABAS V7.1.x and NATURAL V3.1.x.

To find out about current versions, compatibility (operating systems, languages, etc.), and support information for all of our products, view the TSI Product Status Matrix on-line at [www.treehouse.com/prodstatus.html](http://www.treehouse.com/prodstatus.html).

## **TREETIPS**

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Back issues available upon request.  
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available in hard copy or  
on CD-ROM.

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*As part of Treehouse Software's continuing efforts to promote how well received our products and excellent support are, we like to share customer quotes with other customers, partners, etc.*

*This quote came to the Treehouse Support Center August 17, 2000:*

*"That fixed the problem. Your quick response is greatly appreciated. Treehouse gets an A+ in the support area (your products are pretty good, too). I should have our other vendors contact you folks to see how a technical support area should operate. Thanks again."*

**Charlie Smith**  
Texas Comptroller of Public Accounts

## TSI and Oracle Partnership

George Szakach, president of Treehouse Software, was recently interviewed on the subject of partnering with Oracle Corp.

### **Treehouse has been an Oracle partner for years. What does that entail?**

We've been working with Oracle Corp. since 1993. I don't mean we're sitting right next to them working on some project. We have an ORACLE license; we are occasionally communicating with them, going to their conferences, talking about our now "sunsetted" Oracle Performance Monitor, **DELPHI**, and so on. None of this is what I consider "active partnering". As it turned out, it was merely TSI spending time and money to get noticed, although we certainly were pushing for more.

### **So, are you partners now?**

We were official partners a few years ago in Oracle's Business Alliance Partners (BAP) program and in the Migration Technology Initiative (MITI), but these never went anywhere. More recently, we joined the Opportunities Partner Program (OPP), and that has produced some fruit. The focus now is on our **tRelational** and **DPS** offerings. They are attractive to Oracle, but these products do not fit the mold for OPP. Oracle slots every partnering company into a "please promote your applications to sell more ORACLE, and only ORACLE, licenses" category. We are different. We don't sell applications software as an Oracle VAR. The **tRelational** and **DPS** product set may help Oracle sell more licenses, more consulting, and more of their applications, but it has the potential to help other companies, too.

### **Like whom?**

Sybase, IBM, Microsoft, Informix, and others. It especially helps Software AG in that it "solidifies" many ADABAS/NATURAL sites. I mean, these sites know they can keep their huge Software AG-related investment in data and applications if, and only if, they can distribute that data to end users or warehouse that data using some RDBMS.

### **What benefits have you seen from this partnering?**

Our OPP participation is relatively new, but already we've had meetings in Sewickley with Oracle representatives from their California headquarters, Washington D.C., and Ireland. We were invited to Germany to meet four Oracle managers – of database systems, data warehousing, etc., and to Hungary to meet some Oracle partners who do work in the ADABAS related arena. The message is already on Oracle's Web site that TSI has THE proven solution to the data migration needs for those organizations wanting to move data from ADABAS to ORACLE for any reason.

### **Any other TSI competitors on Oracle's list?**

Others may or may not be listed, or the list can change. What's key is that Treehouse is listed because it is proven that we can do the job. Oracle can see it; they can call the customers — many of them. This is not always the case with our competitors, and Oracle certainly knows this. Of course, we welcome competitors and we certainly like to see other companies dabbling in the ADABAS/NATURAL arena because that is where we excel. We all can benefit by interacting with each other.

### **Does this partnering lead to calls from Oracle folks?**

Yes, but we had already received many calls before this OPP door opener. We've received calls from at least 20 Oracle offices or individuals in the U.S. and from at least 13 other countries. The problem is that Oracle's 43,000 employees do not think about Treehouse every day. OK, they don't have to, but clearly the entire Oracle consulting organization, and all Oracle salespeople and

resellers, should somehow be made aware that there is an automated solution out there, and it comes from TSI. We always run the risk that they'll call (not just Oracle but any company with consulting power), find out our price, then go in and do a \$20,000,000 consulting job themselves instead. That's the only real competition, hordes of people and lots of time and money spent to do inefficient and ill-advised manual unloads/extracts/filterings/loads. One company took years to find out it would take them 28 hours every hour to move the data – assuming it was all done correctly with their primitive manual approach. Or in other words, it was impossible. With our products, it took one week to find out it can be done in 10 minutes.

### **You mentioned Germany, a Software AG stronghold. Are many German ADABAS sites interested in migrating data to ORACLE?**

Yes, there are many German ADABAS sites, and many want to move data somewhere else, for whatever reasons. The several European sites Oracle and TSI have talked to are moving on this matter, albeit cautiously. We can't ignore the thousands of sites in Germany and elsewhere in Europe, and we look for Oracle and their offices to provide us with a lot of leads and to give us a lot of help.

### **I would think SAG sites in Germany would want to stay with SAG?**

Most do want to. And, most will stay. That's the beauty of **tRelational** and **DPS**. They can stay with ADABAS, grow their data stores, enhance their NATURAL applications, and get the data to the end users that want to use Powerbuilder, Visual Basic, C++, or whatever is the latest greatest language or tool to go against the data. They can warehouse the data along with data from other sources. There are a lot of things they can do as long as they can move data. The problem is moving that strangely compressed ADABAS data in an efficient way with a one-time fast bulk materialization and then with efficient application of change data to the RDBMS tables.

### **Will a German company buy your American product?**

Many German and European customers have trusted Treehouse to provide their ADABAS and NATURAL performance monitor, security system, change management software, etc. They care that our approach works, is efficient, and the cost is reasonable. They certainly know our **tRelational/DPS** solution costs a fraction of what other companies will charge for the necessary consulting.

### **All in all, the Oracle partnering has been beneficial?**

Yes, but only minimally so far. We look for a big rush of activity very soon. Once Oracle people sit down and work with us on a site's needs, once they see how quickly we put a production data distribution or warehousing system in place, and once they see the hundreds of ORACLE licenses this creates, then the word will REALLY get out within their organization. The picture they'll get is worth the thousands of words we've given them.

A new section of the TSI Web site is devoted to our ADABAS-to-RDBMS solution. You can view Flash demonstrations of ADABAS File Implementation, ADABAS Data Analysis, Auto Generation of Normalized Tables for an ADABAS File, Output Generation, DPS - Materialization to an RDBMS, DPS - Propagation of Changes, and much more. Go to <http://www.treehouse.com/tredpsinteractive.html> to start learning about the ONLY fully automated ADABAS-to-RDBMS data migration solution on the market.

## I think it's in the third drawer on the left.



### How much time do you waste searching for critical documents? Why not get everyone on the same page...

All of your necessary corporate resources can be right at your fingertips with **Frontline Team Server**. This exciting new product helps businesses of all sizes coordinate enterprise-wide information through its virtual library.

### Easy Access Through Your Web Browser

**Frontline** is an easy-to-use enterprise (Internet/intranet) knowledge center that everyone can use to share important information from any computer with a Web browser. This means that there are no technical skills necessary to operate, maintain, customize, contribute to, or extend **Frontline**. As a result, your company can focus on work instead of wasting time organizing, updating, and sharing documents.



### Get Frontline for as Little as \$1000!

Contact Treehouse Software at [tsi@treehouse.com](mailto:tsi@treehouse.com) or (412) 741-1677 for more details and pricing for your organization.

### Frontline Demo

Ask about our on-line, fully functional **Frontline** demo. This demo is hosted on a Treehouse server, so no installation of software is necessary.



Are You Ready to  
Catch the Next Wave?

# ~~XML~~ Standards Spreads



by Joseph Brady

Experts agree that **XML (eXtensible Markup Language)** is the future, and countless major industry groups have already developed XML standards. As the revolution continues, many others will join in by creating their own standards.

In the last issue of TREETIPS, we gave a brief introduction to XML, explaining what it will mean to the worlds of e-business and information exchange. Since then, we have introduced these concepts to several customers who are planning for their future by implementing electronic B2B solutions. Once they have adopted industry specific standards, our suite of native XML tools will help them efficiently store and process their data.

In fact, we are currently working with a company that supplies packing supplies to many large corporations across the United States. They are evaluating **Tamino**, our native XML database, and **Bolero**, our application development environment, to retrieve and process XML documents for their enterprise B2B solution.

With an XML-based system, customers, suppliers, and employees at remote offices will be able to access product information, place orders, check status, and more from

the same standardized system. The entire enterprise will be able to efficiently and reliably exchange product data and process orders between different divisions and suppliers, as well as offer an on-line order entry system for customers.

We are also working with healthcare companies, which are very active in developing standards for data exchange. For instance, the HL7 standard has been developed to standardize the exchange of patient records among healthcare providers.

In the past, patient records were filled out by healthcare providers and entered by data entry personnel using various codes; each patient's diagnosis was entered using ICD9 codes, and each patient's treatment was entered using CDT codes. Since each location has its own unique data format, this process required costly conversion middleware and endless maintenance.

The HL7 standard will enhance the process by making patient record management virtually paperless, and its XML data structure will easily allow the transfer of data between remote locations and various systems.

*(continued on page 6)*

## Any Data, Instant Access

Does your organization want to take advantage of industry standards? If the answer is yes, then **Tamino** should be your XML database of choice for communication, data sharing, and more. As an XML information server, **Tamino** has the ability to access data from RDBMS sources, **EntireX** sources (see TREETIPS #28), and native XML documents (stored within **Tamino**). These data sources can be combined into a single XML document and processed by any XML capable applications, including Web browsers.



## The Revolution Continues

As the XML wave grows, more companies are racing to create and adopt XML-based languages to facilitate efficiency and growth in their various industries. The data model behind such XML-based languages is a Document Type Definition (DTD).

The following list is a sampling of the industries that have already developed DTDs:

Advertising	Finance
Archiving	Healthcare
Artificial Intelligence	Human Resources
Astronomy	Knowledge Management
Automotive	Literature
Biology and Bioinformatics	Mathematics
Chemical	Military
Communications	Multimedia
Computer Graphics	News
Computer Software	Ontology
Digital Library	Profiling
E-commerce	Religion
Education	Social Science
Electrical and Electronics Engineering	Standardization
Electronic Publishing	Travel
Film	Web Publishing

For a list of industries that are already riding the XML standards wave, check out TREETIPS #28. Secure your future and don't wipe out in a backwash of non-standard languages/formats. Contact Treehouse Software today to learn more about our full suite of native XML products.

## **Decision Analyzer allows Windows Interface to Mainframe-based Reports**

Treehouse Software and Decision Technologies, Inc. are pleased to announce that TSI has become a distributor of the **Decision Analyzer** product.

**Decision Analyzer** reads all mainframe data with object code efficiency and gives end-users batch access to VSAM, tape, DB2, IMS, DL/I, ADABAS, and application data. The **Decision Analyzer** is available for VSE and OS/390 environments. It operates under CICS Transaction Server, CICS, TSO, or VTAM.

With **Decision Analyzer**, users can design mainframe-based reports with a Windows "drag and drop" interface. The Analyzer's report writing features are unmatched in terms of their comprehensiveness and functionality for end-user reporting.

Users enjoy a Windows interface to the mainframe output queue and can easily scroll through reports and print or delete reports from the queue. Reports can be printed to mainframe or PC printers.

From any Windows PC, DOS-based PC, or 3270 terminal, end users can log on to their mainframe, quickly identify the mainframe data they need, and:

***Display or print a report at the mainframe or on their PC/LAN printer,***

***Prepare a PC-ready extract file in standard formats, or***

***Create a fully-functional spreadsheet in 2- or 3-dimensional formats. These spreadsheets can have:***

- a different set of records for each column
- a different set of records for each row
- skipped lines or sheets at row sort breaks
- messages at row sort breaks
- spreadsheet functions under selected columns at row sort breaks
- cell entries that are sums, averages, maximums, minimums, and calculations based on other columns, subtotals, or totals.

For North American sales, contact [tsi@treehouse.com](mailto:tsi@treehouse.com). For sales in the U.K., contact Blenheim Software International Ltd. at [blenheim\\_intl@compuserve.com](mailto:blenheim_intl@compuserve.com). For all other international sales, contact [hpwill@treehouse.com](mailto:hpwill@treehouse.com).

## **9th NATURAL Conference**

Representatives from Treehouse Software presented at the 9th **NATURAL Conference** held in August in Cambridge, MA. This conference provided up-to-the-minute analysis of current Applications Engineering trends and issues inside and outside the NATURAL/ADABAS environment. Additionally, it provided a focus for applications developers, and it offered attendees practical advice on how to meet their business needs and the opportunity to evaluate a myriad of technological offerings.

The conference also provided insights regarding NATURAL applications development, alternative applications development platforms, and design methods and tools.

We would like to thank all of those who stopped by the TSI booth and attended our presentations on **N20**, **CHART**, and **PROFILER**.

In addition to the NATURAL conference, TSI representatives have been busy marketing **Tamino**, **Bolero**, and **EntireX** at various events in Virginia Beach, Baltimore, and Pittsburgh.

## **Software AG's International Symposium**

On May 9th and 10th in Berlin, Germany, Software AG of Darmstadt hosted Agenda 2000, a symposium to showcase Software AG's suite of native XML B2B products. In the welcoming presentation given by **Dr. Erwin Koenigs**, Chairman and CEO of Software AG, he displayed all of the Software AG partner logos, including Treehouse Software, Inc. Dr. Koenigs emphasized Software AG's renewed commitment to its partners and acknowledged the importance of having a strong worldwide partnership program to sustain continued success.

During Agenda 2000, representatives from TSI showcased several products, including **tRelational** and **DPS (Data Propagation System)**, the product suite that prepares ADABAS data for RDBMS-based Data Warehousing, ERP, and/or Internet/intranet applications.

## **European Technical Support and Sales**

**Hans-Peter Will** of Germany serves as TSI's European Technical Support and Sales Specialist, handling direct technical support and sales of TSI products throughout Europe. Peter has 25 years experience in data processing. Previously, he served as a Systems Analyst and Product Manager at MaK DATA SYSTEM, where he installed, demonstrated, and supported TSI products.

At TSI, Peter is responsible for supporting all of TSI's European customers who are not currently supported by TSI affiliates. In addition, Peter provides support for any new TSI customers in Europe. Peter can be contacted directly by e-mail at [hpwill@treehouse.com](mailto:hpwill@treehouse.com).

The TSI international affiliates are located in Brazil, the Persian Gulf, England, South Africa, Australia, France, Israel, and Italy. For more affiliate information, please contact **Amber Ray**, TSI International Affiliate Liaison, by e-mail: [aray@treehouse.com](mailto:aray@treehouse.com) or phone: (412) 741-1677.

# TREEHOUSE



## Treehouse Software products include:

### *Electronic B2B:*

**Tamino** - Electronic business information server, the first information server to store XML information without converting it into other data structures

**Bolero** - High-level business-oriented application development environment capable of delivering distributed applications to the Java platform

**EntireX** - DCOM-based Component Bus, enabling existing applications and Enterprise Resource Planning (ERP) systems to be integrated with Bolero applications

### *Relational Products:*

**tRelational** - ADABAS data analysis, relational modeling, and mapping tool; DPS parameter generator

**DPS** - ADABAS to RDBMS data materialization, replication, and propagation software

### *Electronic Document Management:*

**Frontline Team Server™** - Enterprise-wide document repository and virtual library

### *UNIX Products:*

**SEEDIT** - XEDIT and ISPF/PDF compatible editor for UNIX and Windows

**S/REXX** - REXX-compatible language for UNIX and Windows

**S/REXX Debugger** - Optional graphical debugger for S/REXX programs

### *Software AG Related Products:*

**ADAREORG** - File reorganization tool for ADABAS

**ADASTRIP** - Data extraction utility for ADABAS

\* **AUDITRE** - Generalized ADABAS auditing facility

\* **AUTOLOADER** - ADABAS file automatic unload/reload/dump utility

\* **CHART for NATURAL** - NATURAL application analysis and documentation tool

**DBAUDIT** - Data integrity verification utility for ADABAS

**Decision Analyzer** - Comprehensive mainframe report writer for ADABAS, VSAM, DB2, tape, DL/I, IMS, and application data, accessible by PC/Windows, and the Internet/intranet

\* **N<sub>2</sub>O** - NATURAL application change management system

\* **N<sub>2</sub>O/3GL** - 3GL support within N<sub>2</sub>O for PANVALET, LIBRARIAN, ENDEVOR, and PDSs

**PEEK** - ADABAS file browsing utility

\* **PROFILER for NATURAL** - NATURAL quality assurance and testing tool

**QDUMP** - Incremental backup utility for ADABAS

**RACE** - NATURAL performance enhancer and "Redundant ADABAS Call Eliminator"

\* **SECURITRE** - ADABAS and NATURAL security interface to RACF, ACF2, and TOP SECRET

\* **TRIM** - ADABAS and NATURAL performance monitor

\* Indicates TSI Products that are marketed for TSI by international affiliates

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